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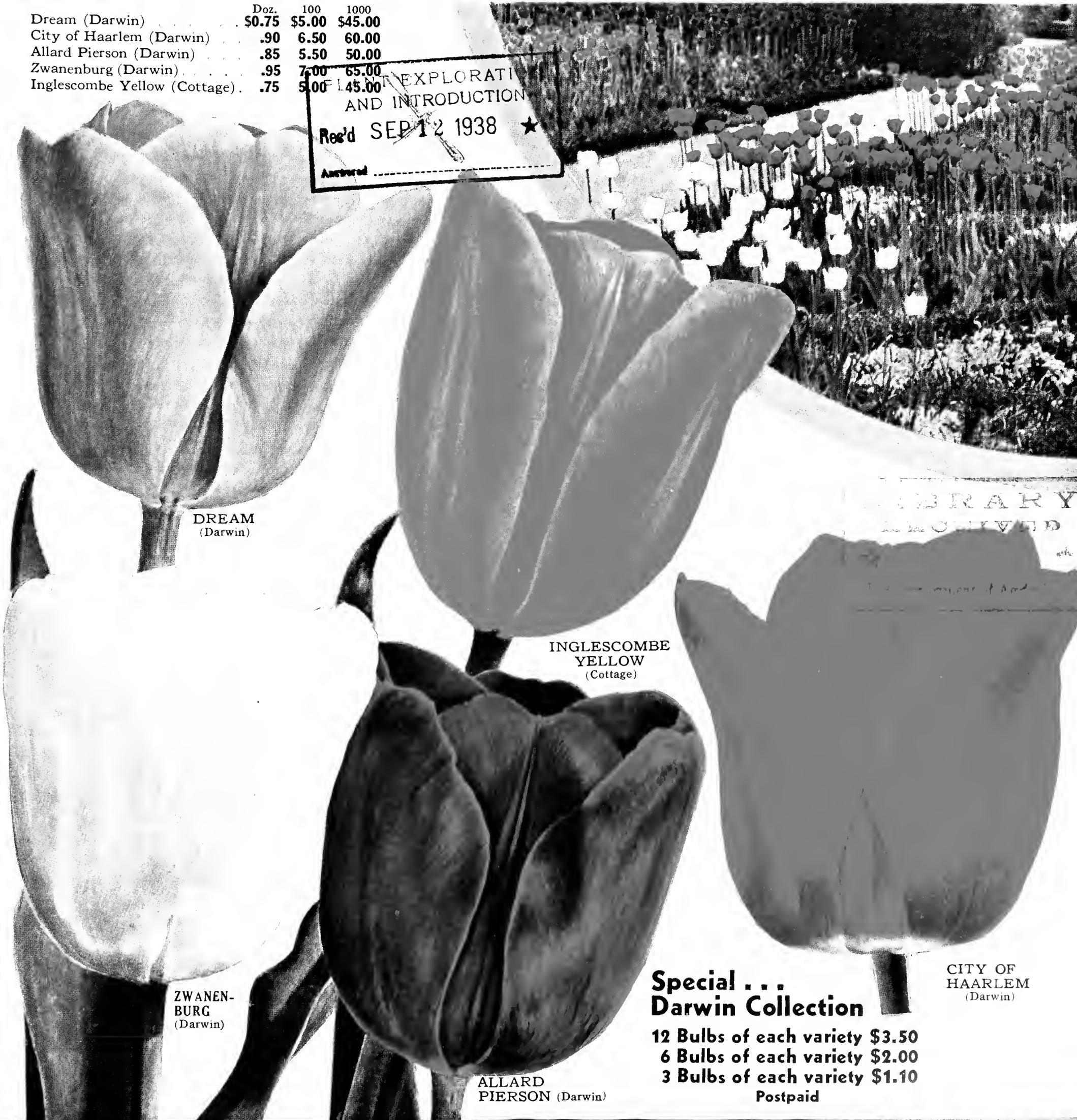


1938

# MICHELL'S BULBS

	Doz.	100	1000
Dream (Darwin)	\$0.75	\$5.00	\$45.00
City of Haarlem (Darwin)	.90	6.50	60.00
Allard Pierson (Darwin)	.85	5.50	50.00
Zwanenburg (Darwin)	.95	7.00	65.00
Inglescombe Yellow (Cottage)	.75	5.00	45.00

EXPLORATION  
AND INTRODUCTION  
Rec'd SEP 12 1938 ★  
Auctored \_\_\_\_\_



DREAM  
(Darwin)

INGLESCOMBE  
YELLOW  
(Cottage)

ZWANEN-  
BURG  
(Darwin)

ALLARD  
PIERSON (Darwin)

CITY OF  
HAARLEM  
(Darwin)

### Special . . . Darwin Collection

12 Bulbs of each variety \$3.50  
6 Bulbs of each variety \$2.00  
3 Bulbs of each variety \$1.10  
Postpaid

**HENRY F. MICHELL CO., 516-518 Market St., PHILA., PA.**

# MICHELL'S AMERICAN-GROWN NARCISSUS

*For Garden and Exhibition*



TRESSERVE  
Giant Trumpet



GLORY OF SASSENHEIM  
Giant Trumpet



MRS. E. H. KRELAGE  
Giant Trumpet

	Each	Doz.	100
Tresserve . . . . .	\$0.15	\$1.50	\$10.00
Van Waveren's Giant . . . . .	.20	2.25	16.50
Glory of Sassenheim . . . . .	.15	1.25	8.50
Mrs. E. H. Krelage . . . . .	.25	2.50	17.50
Orange Cup . . . . .	.15	1.50	10.00
Cheerfulness . . . . .	.20	1.75	12.50
Diana Kasner . . . . .	.25	2.25	15.00
White Lady . . . . .	.10	.90	6.50
Twink . . . . .	.25	2.75	20.00
Thalia . . . . .	.30	3.25	22.50



ORANGE CUP  
Poetaz



CHEERFULNESS  
Poetaz



DIANA KASNER  
Medium Trumpet



WHITE LADY  
Medium Trumpet



TWINK, Double



THALIA, Triandrus



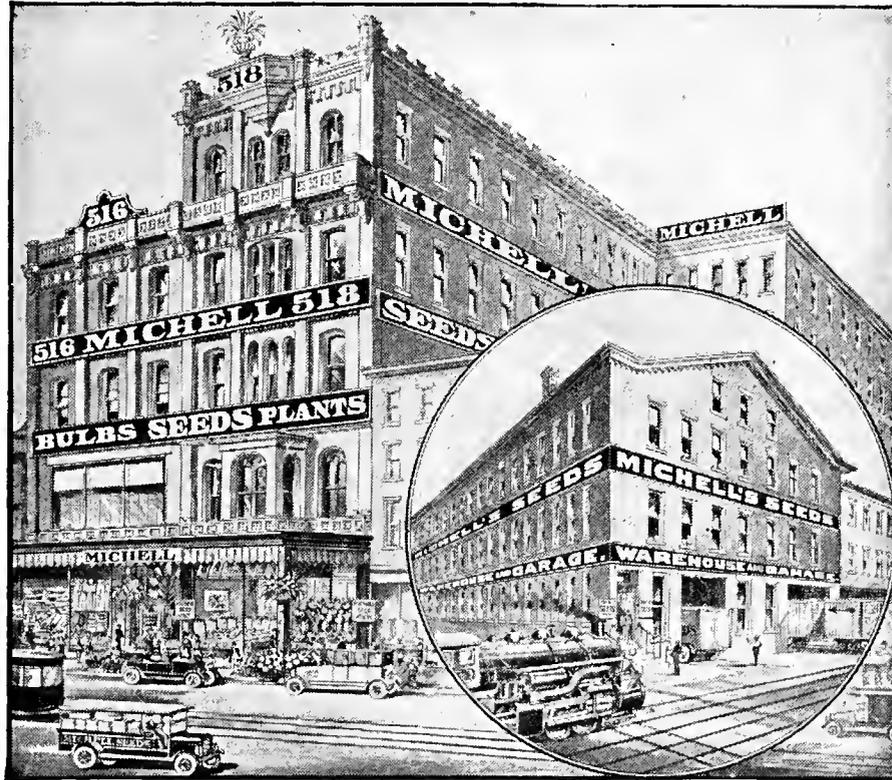
VAN WAVEREN'S GIANT  
Giant Trumpet →

# • IMPORTANT TO CUSTOMERS •

## SPECIAL TELEPHONE SERVICE



BELL: Lombard 5620 to 5627  
KEYSTONE: Main 1631-1632



## We Welcome Charge Accounts

We invite you to take advantage of the convenience of a charge account with us. So that no time will be lost in executing your first order, please send us the names of two or more business houses with whom you have had past or present credit relations.

## Shipping Instructions

Always state by what method you want goods forwarded; otherwise we will ship according to our best judgment.

## Packing Charges

No charge is made for boxes, packing, or bags, except for two-bushel seamless sacks, which are returnable for credit at the market price as charged.

## LOCAL DELIVERY

Our free delivery service covers Philadelphia and vicinity, also Camden, N. J., and near-by points, but we do not guarantee to maintain a daily delivery to these places.

Please note the free delivery service does not include bulky quantities of fertilizers in over 1/4-ton quantities. Special arrangements can, however, be made for delivery of these at a reasonable charge.

Shipment of goods can also be made by package service from Market and Chestnut Street Ferries, Broad Street Station, Reading Terminal, and B. & O. R. R., at 24th and Chestnut Streets.

The tariff for shipments that can be made by this method on merchandise they will receive packed in one piece is as follows:

10 lbs. and under, 12c.	26 lbs. to 40 lbs., 24c.
11 lbs. to 25 lbs., 18c.	41 lbs. to 50 lbs., 30c.

Shipments weighing more cannot be sent via Package Service.

## Forwarding Service

We pay postage charges on all orders for Vegetable Seeds, Flower Seeds, and Grass Seeds in quantities up to 5 pounds (unless otherwise noted) to the first and second zones. If larger quantities of the above, also Bulbs, Plants, and Sundries, are wanted by Parcel Post, remit for postage the amount named in connection with the item to the first and second zones; for other zones add additional postage or at the rate quoted in table opposite.

All Plants, Roots, and Bulbs are forwarded by Express (or Parcel Post when possible), purchaser paying charges, unless otherwise noted.

For those of our customers who prefer to receive such goods by Parcel Post, we will be pleased to forward in this manner such plants as can be sent in this way at the following additional cost, which must be added to the value of each order for Plants, Roots, or Bulbs unless otherwise noted.

To all points east of the Mississippi River, add 10 per cent to cover postage and packing charges; to all points west of the Mississippi River, add 15 per cent.

**SAFE ARRIVAL.** We guarantee the safe arrival of all goods sent to points within the United States except when shipped to points where there is no Express or Freight agent; to such points the purchaser must assume any claim for loss or damage.

## PARCEL POST CHARGES QUOTED BY US ARE FOR DELIVERY IN THE UNITED STATES ONLY

### Notice to Customers in Canada and other Countries outside of the United States

In remitting for purchases at the time of ordering, or when paying accounts, by reason of the exchange we ask that you please send Post Office Money Order in United States funds or a check or draft on a New York or Philadelphia Bank in par United States funds.

## C. O. D. SHIPMENTS

Goods can be sent C. O. D. with the exception of perishable items, including plants and cold-storage bulbs. Where the shipment is to be made by Express or Freight, it is necessary to send a partial remittance with the order. We are sorry but we are unable to accept C. O. D. orders for less than \$1.00.

## CONDITIONS OF SALES

All contracts, sales, and acknowledgments of orders are contingent on crop failures, our ability to import and make deliveries in conformity with the "Plant Quarantine Act," partial deliveries by growers or manufacturers, strikes, or other unavoidable causes beyond our control, clerical errors included; also unsatisfactory credit standing. All quotations are subject to market changes and goods being unsold on receipt of order.

Henry F. Michell Co. give no warranty, expressed or implied, as to the description, purity, or productiveness of any seeds, plants, or bulbs they send out, and they cannot be in any way responsible for the crop. If the customer does not accept the goods on these terms, he must notify us at once, and we will give instructions for disposition of the goods.

## PARCEL POST RATES from Philadelphia (subject to change)

United States Parcel Post Rates (Seeds, plants, and bulbs included) (Subject to Change)	First pound or fraction	Each additional pound or fraction	Packages must not exceed 100 inches (length and girth combined)
Local Rate, Philadelphia . . . . .	\$0 07	\$0 01	Limit of weight to all zones, 70 lbs. A fraction of a cent in the total amount of postage on any parcel shall be counted as a full cent.
1st Zone, within 50 miles of Philadelphia . . . . .	08	01.1	
2d Zone, over 50 and under 150 miles . . . . .	08	01.1	
3d Zone, over 150 and under 300 miles . . . . .	09	02	
4th Zone, over 300 and under 600 miles . . . . .	10	03.5	
5th Zone, over 600 and under 1000 miles . . . . .	11	05.3	
6th Zone, over 1000 and under 1400 miles . . . . .	12	07	
7th Zone, over 1400 and under 1800 miles . . . . .	14	09	
8th Zone, over 1800 miles . . . . .	15	11	

On Seeds, Bulbs, Plants, or Roots not exceeding eight (8) ounces in weight, the postage charge is 1c. for each two (2) ounces or fraction thereof; on Sundries or other Merchandise not exceeding eight (8) ounces in weight, the postage charge is 1 1/2c. for each two (2) ounces or fraction thereof. Seeds, Bulbs, Plants, Roots, Sundries, etc., weighing over eight (8) ounces are sent at zone rates.

If Special Delivery is wanted, an additional 15c. is required on packages weighing up to two (2) pounds—25c. on packages weighing more than two (2) pounds and up to ten (10) pounds—35c. on packages weighing more than ten (10) pounds, which also includes special handling and transportation as first-class mail.

If remittance accompanies order, a sufficient amount should be included to cover the extra charges— if ordered to be sent by either of the methods as stated above.

# HENRY F. MICHELL CO., 516 and 518 Market St., PHILA.

WAREHOUSES:  
509-11-13 Ludlow St. and  
American and Dauphin Sts.

**SEEDS** BULBS, PLANTS, GARDEN SUPPLIES, FERTILIZERS  
INSECT DESTROYERS, POULTRY SUPPLIES, ETC.



Display Garden and Bulb Exhibit of Michell's Seed House  
at the Philadelphia Flower Show, March, 1938

Awarded First Prize by the Philadelphia Flower Show Judges, also winner of the Holland Bulb Growers Association Gold Medal for the finest collection of bulbs in the Philadelphia Show.



# MICHELL'S SUPERB DARWIN TULIPS

The lovely form, exquisite coloring, and the enormous size of the Darwins make them the favorites among Tulips. They belong to the May-flowering or late-blooming class and produce their gigantic flower cups on long, stiff stems, above the broad foliage. Darwin Tulips are ideal for the herbaceous border or massed in clumps in front of shrubbery, and as a cut-flower for vases they are superior to any other class. They are also excellent for pan- or pot-culture. As this class is short of yellow, orange, and bronze varieties, these colors may be obtained in the Breeder and May-flowering or Cottage types; the flowers are similar in shape and bloom at the same time as the Darwins. Ideal arrangements and color effects can be obtained by a combination planting as suggested above.

**CULTURAL DIRECTIONS.**—For Bedding Out. Plant in October or November, in good, well-drained garden soil, setting the bulbs 5 to 6 inches apart and 4 to 5 inches deep. After the ground has frozen, cover with litter, leaves, or manure to protect them from frost; this should be removed in the spring when danger from hard frost is past.

**For Pot- or Pan-Culture.** Plant 4 to 6 bulbs in a 6-inch pot or pan, water thoroughly, and then remove to the open ground or a coldframe, covering with coal-ashes. After they have rooted thoroughly, they should be brought in a moderately cool room and gradually to a warmer one. By bringing in a fresh supply every 10 days they can be had in bloom all winter.

For complete cultural notes, see "Michell's Bulb-Growing Guide," sent free on request.

The asterisk (\*) preceding the variety denotes that it is suitable for forcing as well as bedding. The letters E, F, and G following the variety indicate their relative time of blooming, the E's being the earliest to bloom. The figures indicate the normal height in inches.

*If Tulip bulbs are wanted by Parcel Post, add 25c. per 100 for postage to the first and second zones; for other zones, please see Parcel Post table on page 1*

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|---|--|---|
| <p><b>AFTERGLOW</b> (Katherine Havemeyer). F26. Deep rosy orange with salmon shading at edges; inside deep orange with yellowish base. 85c. per doz.; per 100, \$5.50; \$50.00 per 1000.</p> <p>*<b>ALLARD PIERSON</b>. E26. Dark crimson-maroon. An early forcing variety. Color illustration on front cover. 85c. per doz.; per 100, \$5.50; \$50.00 per 1000.</p> <p>*<b>BARONNE DE LA TONNAYE</b>. F26. Rich rose-pink, shading paler toward edges of petals. An excellent bedding variety. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.</p> <p>*<b>BARTIGON</b>. F24. Fiery red, with pure white base. A very showy variety. Grand forcer. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.</p> <p><b>BLEU AIMABLE</b>. F25. Lavender with white base, starred blue. Distinct in shape. 85c. per doz.; per 100, \$5.50; \$50.00 per 1000.</p> <p>*<b>CENTENAIRE</b>. E30. Enormous rich violet-rose flowers with large blue centers. 85c. per doz.; per 100, \$5.50; \$50.00 per 1000.</p> | <p>*<b>CITY OF HAARLEM</b>. F27. One of the best scarlet varieties, having steel-blue base with white outline. Fine for bedding or forcing in pots. Flowers large, on strong stems. Color illustration on front cover. 90c. per doz.; per 100, \$6.50; \$60.00 per 1000.</p> <p>*<b>CLARA BUTT</b>. G21. Delicate salmon-pink, of perfect shape. Good bedder and forcer. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.</p> <p>*<b>DREAM</b>. G24. Large, cup-shaped flowers of rosy lilac and mauve; blue base. Color illustration on front cover. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.</p> <p>*<b>FARNCOMBE SANDERS</b>. F25. Giant, brilliant scarlet flowers with a clear white base. Very showy. A good forcer. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.</p> <p><b>FAUST</b>. F30. Large, dark purple-maroon flowers with blue base. 90c. per doz.; per 100, \$6.50; \$60.00 per 1000.</p> | <p><b>GOLDEN FLEECE</b>. F22. Medium-sized, bright yellow flowers with petals slightly tipped brown; black anthers. 85c. per doz.; per 100, \$5.50; \$50.00 per 1000.</p> <p><b>JUBILEE</b>. F28. Deep, rich bluish violet, shaded purple; large flowers of great beauty. \$1.00 per doz.; per 100, \$7.50; \$70.00 per 1000.</p> <p><b>KING GEORGE V</b>. F25. Salmon-scarlet shaded rose; blue base. An excellent bedder. Holds its color in the sun. \$1.00 per doz.; per 100, \$7.50; \$70.00 per 1000.</p> <p><b>LA FIANCEE</b>. G30. Deep rose, shading to old-rose, delicate pink at edges. A fine large-flowering variety. Very effective when planted with mauve and lavender sorts. 85c. per doz.; per 100, \$6.00; \$55.00 per 1000.</p> <p>*<b>LA TULIPE NOIRE</b> (The Black Tulip). G25. The nearest to black in Tulips—deep maroon-black with a velvety sheen. 85c. per doz.; per 100, \$5.50; \$50.00 per 1000.</p> |
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## Plant large beds or long rows of mixed Tulips for cutting

### MICHELL'S SUPERB DARWIN TULIPS, continued

\***LE NOTRE.** E24. Beautiful shade of bright pink, with blue base starred white. Very large. An excellent variety for early forcing. 85c. per doz.; per 100, \$5.50; \$50.00 per 1000.

**LILAC WONDER.** F28. An absolutely new shade in Tulips. The flower is clear porcelain-lilac, with a white center, and borne on a stiff stem. \$1.00 per doz.; per 100, \$7.50; \$70.00 per 1000.

\***MATCHLESS** (Roi d'Islande). F27. A rare shade of old-rose. Highly recommended for late forcing, also very effective in borders. 80c. per doz.; per 100, \$5.50; \$50.00 per 1000.

\***MME. KRELAGE.** F26. Bright lilac-rose, margined pale silvery pink. A good forcer and excellent for the border. 80c. per doz.; per 100, \$5.50; \$50.00 per 1000.

\***PRIDE OF HAARLEM.** F26. Brilliant rosy carmine flower of magnificent form and size. One of the most popular Tulips, and unsurpassed for massing among shrubs or in borders. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.

\***PRINCESS ELIZABETH.** F23. Large, clear pink flower, deepening with age. Makes a beautiful show planted in front of evergreens. 85c. per doz.; per 100, \$5.50; \$50.00 per 1000.

See page 4 for Cottage Tulips

\***PROFESSOR RAUWENHOF.** F26. Bright cherry-red, blue star at base. A large and attractive variety. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.

\***REV. H. EWBANK.** F20. Light heliotrope, shaded lavender. A fine bedder; also stands forcing well and produces large flowers of a very pleasing color. For a beautiful effect plant with yellow Cottage Tulips or among bleeding-hearts. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.

**THE BISHOP.** F30. This is conceded to be the finest Tulip in its class. Excellent for beds or borders, or for forcing in pots. Deep violet, center white, edged with blue; anthers black. A large bowl-like flower of very artistic coloring. \$1.15 per doz.; per 100, \$8.00; \$75.00 per 1000.

**VENUS.** F30. Pure silvery rose, faintly flushed paler at tip of inner petals; base white with pale blue ring. An exquisite flower of fine form, with sturdy stems. Should be in every border or garden. 90c. per doz.; per 100, \$6.50; \$60.00 per 1000.

\***WILLIAM COPELAND.** E24. One of the best early forcing varieties. Grown indoors, the color is a beautiful delicate lavender; grown in the border, lilac-rose. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.

\***WILLIAM PITT.** E24. Dark crimson, shaded purple on outer petals. A large and beautiful variety. 85c. per doz.; per 100, \$5.50; \$50.00 per 1000.

**WHITE QUEEN.** F26. When first opening is pale rose, quickly turning to white. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.

**YELLOW GIANT.** E28. Large, globular, deep golden yellow flowers carried on tall, stiff stems. Excellent for garden or exhibition. The best moderately priced "Yellow Darwin" today. 90c. per doz.; per 100, \$6.50; \$60.00 per 1000.

**ZWANENBURG.** F28. A very beautiful flower of pure sparkling white, center marked with shining black anthers. The blooms have a spicy fragrance. Truly a majestic flower that should be in every collection. Color illustration on front cover. 95c. per doz.; per 100, \$7.00; \$65.00 per 1000.

**DARWIN, MIXED.** A well-balanced assortment of colors and shades made from many named varieties and containing only giant-flowering, long-stemmed sorts. 60c. per doz.; per 100, \$4.00; \$35.00 per 1000.

"MICHELL'S BULB GROWING GUIDE"  
FREE ON REQUEST

## MICHELL'S DUTCH BREEDER TULIPS

See color illustration on insert

Similar to the Darwins in their tall, strong growth, and flowering at the same time. They produce immense blooms on long, stiff stems, and in some instances are larger than the Darwins. Their artistic colors make them great favorites with those who desire to contrast their bronze, terra-cotta, and buff shadings with the lighter-colored sorts of the Darwins. They make a fine effect in hardy borders, and when used as a cut-flower last a long while in water.

The asterisk (\*) preceding the name of the variety denotes that it is suitable for forcing as well as bedding. The letters F and G following the name indicate their relative time of flowering, the F's being the earliest to bloom. Figures indicate the normal height in inches.

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Breeder Tulips, Louis XIV

**APRICOT** (Perfection). G28. Dull bronzy buff, shaded ruddy apricot, olive base. 85c. per doz.; per 100, \$6.00; \$55.00 per 1000.

**BACCHUS.** F28. Dark violet-blue, base starred white. The nearest approach to dark blue in late Tulips. One of the best varieties to plant with bronze or light blue shades. 90c. per doz.; per 100, \$6.50; \$60.00 per 1000.

\***BRONZE QUEEN** (Clio). G28. Soft buff, inside tinged golden bronze. Very choice for forcing or bedding. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.

**CARDINAL MANNING** (Goliath). G28. Dull wine-red, flushed rosy brown, changing to almost orange at edges of petals. Very large, egg-shaped flower. 90c. per doz.; per 100, \$6.50; \$60.00 per 1000.

\***DOM PEDRO.** G24. A beautiful coffee-brown, shaded maroon; inside rich mahogany. A large and interesting variety, due to its color and delicate fragrance. Can be forced. 90c. per doz.; per 100, \$6.50; \$60.00 per 1000.

**INDIAN CHIEF.** G34. A fine exhibition variety. Flowers are enormous, very artistic, and carried on long, stately stems. Deep Indian red, flushed purple, edged warm brown with age. \$1.25 per doz.; per 100, \$9.50; \$90.00 per 1000.

**LOUIS XIV.** G28. Dark purple, flushed bronze, with broad margin of golden brown. A unique variety of striking beauty. One of the best Breeders today. Enormous flowers on strong stems. A great favorite. 90c. per doz.; per 100, \$6.50; \$60.00 per 1000.

**LUCIFER.** G24. Reddish orange, olive base, with yellow star. An ideal variety for cutting or bedding. \$1.00 per doz.; per 100, \$7.00; \$65.00 per 1000.

**PANORAMA** (Fairy). F24. Reddish mahogany with bronze shading. An extra-large flower. Fine for border or late forcing. 90c. per doz.; per 100, \$6.50; \$60.00 per 1000.

\***PINK PEARL.** F28. The finest pink Breeder introduced. Large, long flowers of lilac-pink, with inside rose and snow-white base. When grown in greenhouse, color is softer. 90c. per doz.; per 100, \$6.50; \$60.00 per 1000.

\***PRINCE OF ORANGE** (Sunset). G24. Terra-cotta-brown, shaded yellow, with yellow base, starred black. Excellent for forcing or bedding. 85c. per doz.; per 100, \$5.50; \$50.00 per 1000.

**SUNDANCE.** F27. Orange-terra-cotta, edged light bronze. Large, well-formed flowers carried on strong stems. \$1.00 per doz.; per 100, \$7.00; \$65.00 per 1000.

\***YELLOW PERFECTION** (Old Gold). F24. Light bronze-yellow, edged and shaded golden yellow. A large flower of fine form. Can be forced. 85c. per doz.; per 100, \$6.00; \$55.00 per 1000.

**BREEDER TULIPS, MIXED.** A choice mixture in a combination of the best colors and shades of this class. Fine for cutting or display. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.

**Suggestion.** As Breeder Tulips contain shades that are not found in either Darwin, or May-flowering or Cottage Tulips, a selection made from this list and planted in combination with the types above mentioned will produce a display of color that cannot be duplicated. Give your garden that finished touch by planting Breeder Tulips.



# Michell's May-flowering or Cottage Tulips

Color illustration on insert

As Cottage Tulips flower late, most of the varieties can be used in contrast with Darwins and magnificent results obtained. Our list contains some of the best sorts of the new late-flowering hybrid varieties, which are the result of crossing the Darwins with the Cottage. We recommend the varieties listed for planting in hardy flower borders, in clumps or masses.

The asterisk (\*) preceding the name of the variety denotes that it is suitable for forcing as well as bedding. The letters F, G, and H following the name indicate their relative time of blooming, the F's being the earliest to bloom. Figures indicate the normal height in inches.

*If Tulip bulbs are wanted by Parcel Post, add 25c. per 100 for postage to the first and second zones; for other zones, please see Parcel Post table on page 1*

\***ALBINO.** F25. Pure white, graceful flowers. Highly recommended for forcing. \$1.10 per doz.; per 100, \$8.00; \$75.00 per 1000.

**AMBROSIA.** (New Hybrid.) F25. A combination of colors hard to describe—outside lilac-rose, edged apricot; inside bright orange, changing to tan. Outstanding variety at exhibitions. An added asset is its delightful perfume. 85c. per doz.; per 100, \$6.00; \$55.00 per 1000.

**ARGO.** F22. A hybrid of great beauty. Golden yellow, mottled red, passing to reddish brown. 85c. per doz.; per 100, \$6.00; \$55.00 per 1000.

\***AVIS KENNICOTT.** G24. Large, chrome-yellow flower with black spots on base and anthers. A good late forcing variety and excellent for bedding. 85c. per doz.; per 100, \$5.50; \$50.00 per 1000.

**CARRARA.** F26. Graceful, pure white flowers which are round, cup-shaped and large, with broad petals. Excellent for forcing in pans for mid-March blooms. Holds numerous awards for perfect form, purity, and long-lasting qualities. \$1.10 per doz.; per 100, \$8.00; \$75.00 per 1000.

**DIDO.** G30. Large, well-formed flowers of deep, rich pink, shaded salmon-yellow, with soft orange suffusion at edges of petals. Truly a marvelous variety, which has a sweet fragrance. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.

\***GESNERIANA LUTEA.** H24. One of the best of the Gesneriana family. Pure golden yellow; perfect shape. Fine for borders. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.

**GESNERIANA SPATHULATA.** G24. Brilliant scarlet, with blue-black center. One of the finest late varieties. Excellent when massed against evergreens. 85c. per doz.; per 100, \$6.00; \$55.00 per 1000.

**GRENADIER.** F24. A new variety with brilliant orange-red flowers on very graceful stems. A leading variety for color effect, excellent in beds and borders. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.

**ILLUMINATOR.** G18. Yellow, flaked and edged red. A good bedding variety. 85c. per doz.; per 100, \$6.00; \$55.00 per 1000.

\***INGLESCOMBE PINK** (Salmon Queen). F24. Soft rosy pink, flushed salmon. Large, globular flowers. Adapted for borders or late forcing. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.

\***INGLESCOMBE YELLOW.** F20. Is often called the "Yellow Darwin." Flowers are beautifully formed. Color illustration on front cover. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.

**JOHN RUSKIN.** G18. Apricot-rose, with border of pale yellow. Large flowers of fine shape on a graceful stem. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.

**LOHENGRIN.** F27. Cochineal-red, slightly shaded orange; pure white center. One of the most beautiful varieties grown. Should be in every garden. \$1.25 per doz.; per 100, \$9.50; \$90.00 per 1000.

**MOONLIGHT.** H24. An exquisite shade of light canary-yellow. Flower long and of fine oval shape. Can be used in combination with Darwin Tulips or with irises. 80c. per doz.; per 100, \$5.50; \$50.00 per 1000.

\***MRS. MOON.** H24. Large, golden yellow flowers with reflexed, pointed petals. One of the most beautiful varieties and looks well with purple irises. 80c. per doz.; per 100, \$5.50; \$50.00 per 1000.

**ORANGE KING.** G24. Glistening deep orange, shaded rose; yellow center; sweet-scented. 80c. per doz.; per 100, \$5.50; \$50.00 per 1000.

**PICOTEE** (Maiden's Blush). G20. White with distinct pink-edged border, which suffuses the flower as it ages. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.

**ROSABELLA.** G26. Unsurpassed for garden or house decoration. When first opening the flower resembles a rosebud. Color, beautiful bright rose, shading to lighter at edges; inside petals shell-pink with ivory base. Flowers large, on strong stems. 85c. per doz.; per 100, \$6.00; \$55.00 per 1000.

**MAY-FLOWERING TULIPS, MIXED.** A lovely mixture, covering almost every color and shade. Gives a superb display if planted in masses, groups, or clumps. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.

When comparing prices, please bear in mind that bulbs such as ours are produced under careful supervision of expert growers. Only select quality, large size, and the most up-to-date packing methods are employed. Forty-eight years of successful distribution and service is your guarantee.

# MICHELL'S SINGLE EARLY TULIPS

The Single Early Tulips are far more valuable for the garden than is generally accepted, blooming so much earlier than the Darwins and at a time when daffodils are at their best. Excellent effects can be produced if used in the border; they make their best showing when little else is in bloom. The earliest of all Tulips to bloom when forced.

The asterisk (\*) preceding the name of a variety denotes that it is suitable for forcing as well as bedding. The letters A, B, and C following the name indicate their relative earliness to bloom, the A's being the earliest, followed by the B's and later by the C's. Figures indicate the normal height in inches.

*If Tulip bulbs are wanted by Parcel Post, add 25c. per 100 for postage to the first and second zones; for other zones, please see Parcel Post table on page 1*



Single Early Tulips

- \***BELLE ALLIANCE.** B8. One of the most popular scarlet varieties. Very fine for forcing and bedding. 80c. per doz.; per 100, \$5.50; \$50.00 per 1000.
- \***BRILLIANT STAR.** A12. Very large, vermilion-scarlet flower. Highly recommended for early forcing. One of the earliest to bloom indoors. 80c. per doz.; per 100, \$5.50; \$50.00 per 1000.

- \***CHRYSOLORA.** B10. Golden yellow. A fine bedding variety. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.
- \***COULEUR CARDINAL.** C10. Bright scarlet. Very attractive variety. Fine for late forcing or bedding. 80c. per doz.; per 100, \$5.50; \$50.00 per 1000.
- \***CRAMOISI BRILLANT.** C10. Large; glowing scarlet flowers with yellow bases. Good for forcing or bedding. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.
- \***DE WET (Fireglow).** B16. Beautiful golden yellow flowers, flushed and stippled fiery orange. Outstanding as a forcing variety. A clump planting in your garden will produce a blaze of sweet-scented blooms that cannot be forgotten. 90c. per doz.; per 100, \$6.50; \$60.00 per 1000.
- \***FLAMINGO.** B12. Carmine-rose, shaded lighter, with white stripe in center of petals, which are more or less crinkled. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.
- \***FORTUNA.** A12. Pale satiny lilac-rose. Flowers large, on medium-tall stems. Excellent forcer. 90c. per doz.; per 100, \$6.00; \$55.00 per 1000.
- \***FRED MOORE.** B12. Bright orange, sweet-scented blooms. Fine for forcing. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.
- \***IBIS.** B12. Magnificent bright carmine-pink flower. Excellent for forcing or bedding. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.
- \***KEIZERKROON (Grand Duc).** B15. Brilliant red with gold border. Extra-large flowers on long stems. Still a great favorite. Good forcer. \$1.00 per doz.; per 100, \$7.00; \$65.00 per 1000.
- \***LADY BOREEL (Joost Van Vondel White).** B12. Large; pure white. Fine for bedding and choice for planting in pots or pans. 80c. per doz.; per 100, \$5.50; \$50.00 per 1000.
- \***PINK BEAUTY.** B12. Bright cherry-rose, center of petals striped white. Excellent bedder. Does well in pans, but not before March. 90c. per doz.; per 100, \$6.50; \$60.00 per 1000.

- \***PRINCE OF AUSTRIA.** B12. Large, sweet-scented flowers on tall stems; rich orange-scarlet, shading to brick-red as it ages. Easy to force and a fine bedder. 80c. per doz.; per 100, \$5.50; \$50.00 per 1000.
- \***RISING SUN.** B15. Giant rich golden yellow flowers on tall, strong stems. Truly a sensational Tulip, excelling all yellow varieties for forcing or bedding. 85c. per doz.; per 100, \$5.50; \$50.00 per 1000.
- \***ROSE LUISANTE.** C10. Large, deep rose-pink flowers. Excellent for forcing or bedding. 85c. per doz.; per 100, \$5.50; \$50.00 per 1000.
- \***THOMAS EDISON.** B12. Orange-yellow. A sport of Rose Grisdelin. 90c. per doz.; per 100, \$6.00; \$55.00 per 1000.
- \***VAN DER NEER.** A12. Soft violet-purple. A beautifully formed large flower. Excellent for forcing or bedding. 85c. per doz.; per 100, \$5.50; \$50.00 per 1000.
- \***VERMILLON BRILLANT.** B10. Brilliant vermilion-scarlet. Very large flower. Extremely early forcer. 90c. per doz.; per 100, \$6.00; \$55.00 per 1000.
- \***WHITE HAWK (Albion).** A12. Large, globe-shaped, pure white flowers. Excellent early forcer and bedder. 90c. per doz.; per 100, \$6.00; \$55.00 per 1000.
- \***YELLOW PRINCE.** B10. Golden yellow. Fine for either bedding or forcing. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.

## SINGLE EARLY TULIPS IN MIXTURE

Our mixtures of Tulips have long been noted for their brilliancy, proper blending and variety of colors.

**Superfine Quality.** A splendid mixture of many colors and shades. 70c. per doz.; per 100, \$4.50; \$40.00 per 1000.

See page 6 for Double Early Tulips

## BOTANICAL OR SPECIES TULIPS

These Tulips are particularly adapted for rock-gardens or borders. They show their bright colors early in the season and have graceful, recurving petals. For the most striking effects, plant in masses or clumps.

- CLUSIANA.** Lady or Candystick Tulip. Outer petals cherry-red, inner petals creamy white with violet base. Very choice for massing in front of evergreens. Color illustration on third cover. Height, 8 in. 80c. per doz.; per 100, \$5.50; \$50.00 per 1000.
- EICHLERI.** Crimson-scarlet shaded orange, with black center marked with gold. Color illustration on third cover. Height, 11 in. 85c. per doz.; per 100, \$6.00; \$55.00 per 1000.
- KAUFMANNIANA.** Blooms early in April. Flowers creamy white tinged carmine. Wonderful effects may be had if planted under trees or naturalized in shady places. Height, 5 to 7 in. Color illustration on third cover. \$1.00 per doz.; per 100, \$7.50; \$70.00 per 1000.

- MARJOLETTI.** Soft primrose, shaded carmine-red at base. Blooms early in April. Height, 12 in. Color illustration on insert. 80c. per doz.; per 100, \$5.50; \$50.00 per 1000.
- SYLVESTRIS (T. florentina odorata).** This is a handsome, sweet-scented, yellow variety. Often has two flowers to a stem. Height, 7 in. 90c. per doz.; per 100, \$6.50; \$60.00 per 1000.

Six or twelve bulbs of each variety of Botanical Tulips, set close together in any one spot, produce the best effect.



Botanical Tulips, Kaufmanniana

### THE BOOK OF BULBS By F. F. ROCKWELL

Order a copy when you send for bulbs. It will give you just the information you need to get the utmost in return for your investment in bulbs. 264 pages; 187 illustrations. Cloth. Price, \$2.50.

Be sure that bedded Tulips are planted the same depth



## MICHELL'S DOUBLE EARLY TULIPS

The Double Tulips usually flower a few days later than the Single Early varieties. They are very popular for bedding and a number of the varieties are also excellent for forcing.

The asterisk (\*) preceding the name of the variety denotes that it is suitable for forcing as well as bedding. The letters A and B following the name indicate their relative earliness to bloom, the A's being the earliest, followed by the B's. The figures indicate the normal height in inches.

*If Tulip bulbs are wanted by Parcel Post, add 25c. per 100 for postage to the first and second zones; for other zones, please see Parcel Post table on page 1*

- \***AZALEA.** B12. Beautiful, deep rose, flushed salmon. Excellent for forcing. 80c. per doz.; per 100, \$5.50; \$50.00 per 1000.
- \***BOULE DE NEIGE** (Purity). B10. Large, pure white flowers, resembling a peony in form. Excellent for bedding or forcing. 90c. per doz.; per 100, \$6.50; \$60.00 per 1000.
- \***COURONNE D'OR** (Crown of Gold). B12. A handsome, rich golden yellow, flushed orange. Good bedding sort and fine for cutting. 85c. per doz.; per 100, \$6.00; \$55.00 per 1000.
- \***ELECTRA.** B12. Enormous, rosy violet-red flowers. Excellent for exhibition and should be in every collection. 85c. per doz.; per 100, \$6.00; \$55.00 per 1000.
- IMPERATOR RUBRORUM.** B10. Brilliant scarlet. For bedding or forcing. 85c. per doz.; per 100, \$6.00; \$55.00 per 1000.
- \***MR. VAN DER HOEF** (Yellow Murillo). A10. A pure golden yellow sport of Murillo with its superb qualities and now in great favor. Excellent forcing and bedding variety. 85c. per doz.; per 100, \$6.00; \$55.00 per 1000.
- MYSTERY OF INDIA.** B12. Terra-cotta and orange, slightly shaded old-rose, base soft yellow—a combination of colors hard to describe. Beautiful, large, well-formed flower on a strong stem. 90c. per doz.; per 100, \$6.50; \$60.00 per 1000.

- \***MURILLO.** B10. Delicate rose-pink. One of the best forcers. Still very popular. 85c. per doz.; per 100, \$6.00; \$55.00 per 1000.
- ORANGE NASSAU.** B12. Bright orange-scarlet, margined orange, outer petals shaded cherry-red. 85c. per doz.; per 100, \$6.00; \$55.00 per 1000.
- \***PEACH BLOSSOM.** B12. Bright rose-pink, flushed white, deepening to carmine-rose with age. Highly recommended for planting in pots and lasts a long time when cut. 85c. per doz.; per 100, \$6.00; \$55.00 per 1000.
- \***TEA ROSE.** B12. Sulphur, shading to orange. For bedding or forcing. 80c. per doz.; per 100, \$5.50; \$50.00 per 1000.
- TOREADOR.** A10. Reddish orange with rich yellow border. Excellent for bedding and forces well. 85c. per doz.; per 100, \$6.00; \$55.00 per 1000.
- \***TRIUMPHATOR.** B10. A beautiful sport from Murillo. Bright, delicate pink; excellent when forced. Highly recommended. 85c. per doz.; per 100, \$6.00; \$55.00 per 1000.
- \***VUURBAAK.** B12. Brilliant orange-scarlet. For forcing or bedding. Produces large flowers. 90c. per doz.; per 100, \$6.50; \$60.00 per 1000.

### EARLY DOUBLE MIXED TULIPS

**Superfine Quality.** A choice mixture of many colors and shades, from named sorts. 70c. per doz.; per 100, \$4.50; \$40.00 per 1000.

### Bunch-Flowered Tulips

- MONSIEUR MOTTET.** A new and interesting type which has created a sensation at all flower shows. It produces four to six flowers on a stem, all in bloom at the same time. Color, white faintly flushed shell-pink as the flower ages. It is an excellent cut-flower and should be in every garden. Height, 24 in. 80c. per doz.; per 100, \$5.50; \$50.00 per 1000.

**SPECIAL NOTICE.** When comparing prices, please bear in mind that bulbs such as ours are produced under careful supervision of expert growers; only select quality, large size and the most up-to-date packing methods are employed. Forty-eight years of successful distribution and service is your guarantee.

### Parrot Tulips

These belong to the late-flowering class and on account of their peculiar markings and shadings are much in demand. The petals have feathered edges, and in addition to other colors combine shades of green. We recommend that these be planted among shrubs to obtain the best results.

**FANTASY.** A sport from the Darwin Tulip, Clara Butt. Color, true salmon-rose, with ragged edges and fantastically shaped petals; the outer sides of the petals marked apple-green. Grows tall on stiff, upright stems. Has created a sensation at all flower shows. 90 cts. per doz.; per 100, \$6.50; \$60.00 per 1000.

**LUTEA MAJOR.** Yellow, striped crimson and green. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.

**MARKGRAAF.** Golden inside, feathered brilliant scarlet-purple and green outside. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.

**SUNDEW** (Crispa). A beautiful cardinal-red variety with crystal-like fringe. Strong stem. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.

**MIXED COLORS.** Carefully blended and contains only the choicest sorts. 70c. per doz.; per 100, \$4.50; \$40.00 per 1000.

### Lily-Flowering Tulips

This type of Tulip is now very popular. The varieties, some of which were previously listed among the Cottage Tulips, were obtained by crossing Darwins and Retroflexa Tulips. They bloom at the same time as Breeders, Cottages, and Darwins. Their long recurved petals give them a lily-like appearance. This class is fine for the garden or rockery.

**ALASKA.** G28. A beautiful new hybrid Tulip; long, pure golden yellow flowers, outer petals reflexing slightly. 85c. per doz.; per 100, \$5.50; \$52.50 per 1000.

**ARTEMIS.** G30. Long-stemmed variety. Elegantly reflexed petals; color, carmine-rose with pure white base. 85c. per doz.; per 100, \$5.50; \$52.50 per 1000.

**SIRENE.** F20. Beautiful cerise-pink, margined pale pink, with white base. A fine forcer. 75c. per doz.; per 100, \$5.50; \$50.00 per 1000.



Bunch Tulip, Monsieur Mottet

**HENRY F. MICHELL CO.**

# MICHELL'S BULBS FOR ROCK-GARDENS

The varieties of bulbs listed below will give a finished touch to the rock-garden. They do not require any more treatment than that given other rock plants, and their beauty furnishes a contrast that is entirely different. By careful selection in planting they can be had in bloom from early spring until the alpinas and other perennial plants commence flowering. They are perfectly hardy, long lived, and of easiest culture

## ACONITE, WINTER

*Eranthis hyemalis*

Pure golden yellow flowers. Prefers a moist, shady location. Height, 6 in. 40c. per doz.; per 100, \$2.75 (by Parcel Post, \$2.90); \$25.00 per 1000.

## AUTUMN-FLOWERING CROCUS

**Sativus.** Purple-lilac flowers, feathered violet; orange anthers. 50c. per doz.; per 100, \$3.50.

**Zonatus.** Rose-lilac, yellow center. 50c. per doz.; per 100, \$3.50.

## BRODIAEAS

**Choice Mixed.** A small bulb, producing grassy leaves near the ground and stems 6 to 8 inches long, with small waxy flowers in shades of blue and purple. 65c. per doz.; per 100, \$4.50 (by Parcel Post, \$4.65).

## CALOCHORTUS • Butterfly Tulip

**Mixed Colors.** A well-balanced mixture of colors. These native plants are hardy if given slight protection. Height, about 18 in. 85c. per doz.; per 100, \$6.00 (by Parcel Post, \$6.15).

## CHIONODOXA • Glory-of-the-Snow

**Lucilia.** Bright blue with white center. A delightful edging plant. 35c. per doz.; per 100, \$2.50 (by Parcel Post, \$2.65); \$22.50 per 1000.

## CROCUS, GIANT NAMED

**Mixed.** A mixture of large-flowering varieties, well blended in colors. Color illustration on insert. 35c. per doz.; per 100, \$2.50 (by Parcel Post, \$2.65); \$22.50 per 1000.

## ERYTHRONIUM

*Dog's-Tooth Violet*

**Tuolumensis.** Charming woodland plants, also effective in the rock-garden. Golden yellow, lily-like flowers. Green mottled leaves. Height 8 in. 75c. per doz.; per 100, \$6.00 (by Parcel Post, \$6.15); \$55.00 per 1000.

## FRITILLARIA MELEAGRIS

*Guinea-Hen Flower; Checkered Lily*

**Mixed Colors.** A dainty thing, producing bell-shaped flowers. Prefers a semi-shaded or low, moist position. 40c. per doz. (by Parcel Post, 55c.); per 100, \$3.00; \$25.00 per 1000.

## GRAPE HYACINTHS

*Muscari*

**Heavenly Blue.** Early flowering; very hardy and multiplies rapidly; should be in every rockery. Height, 6 to 8 in. 40c. per doz.; per 100, \$3.00 (by Parcel Post, \$3.15); \$25.00 per 1000.

## LILIES

The following varieties have been selected for their adaptability to rock-garden culture, producing a beautiful color effect. We suggest that all Lilies planted should be given a ground-cover of Granulated Peat Moss; this helps to keep the weeds down as well as keeping the surface cool and moist.

**Elegans, Mixed.** 30c. each; doz., \$2.75; \$20.00 per 100.

**Krameri.** Blush-pink. 40c. each; doz., \$4.00; \$27.50 per 100.

**Tenuifolium.** Scarlet. 25c. each; doz., \$2.25; \$15.00 per 100.

**Umbellatum.** Orange-scarlet. 35c. each; doz., \$3.50; \$25.00 per 100.

*If wanted by Parcel Post, add 20c. per doz. for postage*

## LEUCOJUM VERNUM

*Spring Snowflake*

A pretty bulbous plant, similar to the snow-drop but of larger size. Flowers white, tipped with green. Excellent for cutting. 75c. per doz.; per 100, \$5.00 (by Parcel Post, \$5.15).

## JONQUILS

**Campernelle Rugulosus.** Rich yellow. 10c. each; doz., 90c.; \$6.00 per 100; per 1000, \$55.00.

**Golden Sceptre.** Golden yellow. 15c. each; doz., \$1.25; \$8.00 per 100; per 1000, \$75.00.

**Single.** Rich yellow. 10c. each; doz., 90c.; \$6.00 per 100; per 1000, \$55.00.

**Double.** Deep golden yellow. 10c. each; doz., \$1.00; \$6.50 per 100; per 1000, \$60.00.

**For full description of above, see page 11**

Complete descriptions of the bulbs listed above will be found under their respective headings

## NARCISSUS

**Angel's Tears** (*N. triandrus albus*). Creamy white trumpet which points down, while the sharply recurved petals point upward. Flowers are very dainty. Prefers a gritty soil between rocks. 20c. each; doz., \$1.75; \$12.00 per 100.

**W. P. Milner.** Miniature sulphur-white trumpet and perianth. Very satisfactory for rockeries. Very free flowering and endowed with the fragrance of the cowslip. 25c. each; doz., \$2.25; \$17.00 per 100.

**Thalia.** Orchid-flowered Narcissus. Produces 3 or 4 blooms on a sturdy stem. The gorgeous white flowers are so arranged as to remind one of orchids. 30c. each; doz., \$3.25; \$22.50 per 100.

## ORNITHOGALUM

*Star of Bethlehem*

**Arabicum.** Petals pure white, streaked light green, with a black center; very fragrant. 10c. each; per doz., \$1.00 (by Parcel Post, \$1.15); \$7.00 per 100.

**Splendens, Red Star.** Large orange-red flowers. Stems 1½ to 2 feet long. A magnificent species. 25c. each; doz., \$2.50; \$20.00 per 100.

## SCILLA SIBIRICA • Squills

**Spring Beauty.** A new variety, blooming earlier than the ordinary *Scilla sibirica*. Grows taller and produces a complete bouquet of intense blue flowers. Color illustration on insert. 90c. per doz.; per 100, \$7.00.

## SNOWDROPS • Galanthus

**Single Flowering.** Flowers white. One of the earliest bulbs to bloom. Perfectly at home in sun or shade. Very effective for edging. Height, 6 to 8 in. 40c. per doz.; per 100, \$3.00 (by Parcel Post, \$3.15); \$25.00 per 1000.

## TULIPS, BOTANICAL OR SPECIES

*Color illustration on third cover*

**Clusiana.** Lady or Candystick Tulip. A gem for the rockery. Flowers cherry-red and creamy white, with violet base. Height, 8 in. 80c. per doz.; per 100, \$5.50; \$50.00 per 1000.

**Kaufmanniana.** Blooms early in April. Flowers creamy white tinged carmine. Height, 5 to 7 in. \$1.00 per doz.; per 100, \$7.50; \$70.00 per 1000.



Tulipa Clusiana



Bulbs in the Rock-Garden



Jonquils



# MICHELL'S SUPERB NAMED HYACINTHS

Our Hyacinth bulbs are of best quality, grown by specialists especially for us. The bulbs are of maximum sizes, fully aged.

**CULTURAL DIRECTIONS FOR HYACINTHS: Outdoor Culture.**—Plant in October and November, in good, well-drained garden soil. Plant bulbs so that the top will be 3 to 4 inches below the surface and 6 to 8 inches apart. After the ground has frozen, cover with litter, leaves, or manure, to protect them from frost; this should be removed in the spring when danger from hard frost is past.

**Pot-Culture.**—Plant any time from September to December, using a 4- or 5-inch pot for single bulbs, or several bulbs may be planted in a larger pot or bulb-pan. After planting, water well and put in a cool, dark, airy place until well rooted, after which remove to a cool room and later to a warmer room.

**Culture in Glasses.**—The single varieties are the best for this purpose. Place the bulb in a glass, which should be filled with water, so it touches the bottom of the bulb, and put the glasses in a cool, dark place. Change the water occasionally. Keep in the dark until well rooted and then remove to a light, cool place.

For complete cultural notes, see "Michell's Bulb Growing Guide," sent free on request.

As there is a slight variation as to time of blooming of the various sorts, we have indicated their relative time of flowering by letters following the name of the variety, the A's being the earliest, the D's the latest.

*If Hyacinth bulbs are wanted by Parcel Post, please add for postage as follows: on Monster and First Size, 15c. per doz.; on Second Size, 10c. per doz., 30c. per 100 to the first and second zones; for other zones, please see Parcel Post table on page 1*

The Monster bulbs are the largest or top-root bulbs and will produce extra-large well-filled spikes. First-Size bulbs are especially desirable for growing in pots or glasses or for high-grade bedding. Second-Size bulbs are desirable for bedding or for forcing in pots or pans.

## SINGLE BLUE SHADES

**Bismarck.** B. Flowers large and lighter in color than Grand Maitre. One of the best in this color for early forcing.

**Grand Maitre.** B. Large, deep porcelain-blue bells in very long, well-filled truss.

**King of the Blues.** D. Deep dark blue. A fine, compact truss. For late forcing and for bedding. Color illustration on back cover.

**Queen of the Blues.** D. Clear silvery or light porcelain-blue. Excellent for bedding or exhibition. Bells are medium size and thickly set on a strong stem.

## SINGLE PINK AND ROSE SHADES

**Gertrude.** A. Deep rose-pink. Excellent for forcing and bedding. Large, well-filled truss. Color illustration on back cover.

**Lady Derby.** A. Clear rose-pink. An excellent forcer and very fine for bedding, due to its strong stem.

**Marconi.** B. Rich rose-pink, center flushed white. Excellent for forcing and an outstanding variety for bedding. Spike compact and of fine form. Stems very sturdy.

**Queen of the Pinks.** C. Bright rose-pink; large spike and good-sized bells on a sturdy stem. The ideal variety for late forcing and also excellent for bedding.

## SINGLE SCARLET SHADES

**La Victoire.** A. One of the finest red varieties, maintaining its brilliant scarlet color. Unsurpassed for bedding or forcing. Should be in every collection. Color illustration on back cover.

**Roi des Belges.** A. Deep scarlet; sturdy spike and large bells.

## SINGLE WHITE SHADES

**La Grandesse.** C. Pure white, waxy bells; the perfect spike is full and long. This variety is excellent for late forcing and bedding.

**L'Innocence.** A. Pure white. Excellent forcer and choice for bedding. Extra-fine truss with large bells. Color illustration on back cover.

## SINGLE YELLOW AND ORANGE SHADES

**City of Haarlem.** C. Well-formed, pure golden yellow bells on good spike. Valuable for exhibition purposes and excellent in the garden.

**King of the Yellows.** C. A fine spike of perfect form, composed of orange-yellow bells, heavily set on the stem.

**Yellow Hammer.** A. An excellent variety for pot-culture. Produces a compact spike, set with creamy yellow bells.

## SINGLE THIRD-SIZE HYACINTHS

A moderately priced bulb of good quality and size, and especially suited for bedding purposes.

**Bismarck.** B. Light porcelain-blue.

**City of Haarlem.** C. Golden yellow.

**Gertrude.** A. Deep rose.

**Grand Maitre.** B. Bright porcelain-blue.

**King of the Blues.** D. Deep blue.

**King of the Yellows.** C. Orange-yellow.

**L'Innocence.** A. Pure white.

**La Grandesse.** C. Pure white.

**La Victoire.** A. Bright scarlet.

**Lady Derby.** A. Delicate pink.

**Marconi.** B. Rose-pink, center flushed white.

**Queen of the Blues.** D. Silvery blue.

**Queen of the Pinks.** C. Rose-pink.

**Roi des Belges.** A. Deep red.

Price, 12c. each; doz., \$1.25; \$8.00 per 100

### *Michell's Collection of Single Named Hyacinths*

**Ideal Collection.** First-Size Bulbs, for pots, or for growing in water. 1 each of 12 varieties, \$2.00, postpaid.

**Window-Garden Collection.** Second-Size Bulbs, for growing in pots or in water. 1 each of 12 varieties, \$1.50, postpaid.

**Bedding Collection.** Third-Size Bulbs, excellent also for pots. 1 each of 12 varieties, \$1.25, postpaid.

	Each	Doz.	100
Monster Bulbs .....	\$0 25	\$2 25	\$16 50
First-Size Bulbs .....	20	2 00	13 00
Second-Size Bulbs .....	15	1 50	10 00





A bed of Emperor Narcissus

# MICHELL'S NARCISSUS OR DAFFODILS

## AMERICAN-GROWN

No garden is complete without the Narcissus or Daffodil, it being among the most beautiful and fragrant of our hardy spring-flowering bulbs, doing well in almost all soils and situations, for naturalizing, planting among shrubbery, and in formal beds. For house or greenhouse culture they are equally desirable, planted in pots or pans.

**Cultural Directions.**—Owing to the various sizes of the bulbs of different varieties, we cannot give the exact depth to plant, but a good rule to follow is to cover the bulb one and one-half times its own depth. For house-culture, 3 or 4 bulbs can be put in a 5-inch or 6-inch pan or pot and given the same treatment as hyacinths.

The letter following the name indicates their relative time of flowering, the A's being the earliest to bloom, followed by B's, and the C's the latest. The figures denote the height in inches.

*If Narcissus bulbs are wanted by Parcel Post, add 30c. per 100 for postage to the first and second zones; for other zones, please see Parcel Post table on page 1*

### GIANT TRUMPET VARIETIES

This class of Narcissus is distinguished for long petals or perianth and very large trumpets and is the showiest of all Narcissus, also one of the most useful.

**EMPEROR. C18.** One of the best Narcissus in cultivation, for either outdoors or indoors. Pale yellow trumpet; primrose perianth.

	Each	Doz.	100	1000
First-size Bulbs...	\$0 10	\$0 90	\$6 50	\$60 00
Monster Bulbs...	15	1 25	8 50	80 00

**EMPRESS. C18.** Perianth pure white; trumpet golden yellow, making the flower extremely attractive.

	Each	Doz.	100	1000
First-size Bulbs...	\$0 10	\$0 90	\$6 50	\$60 00
Monster Bulbs...	15	1 25	8 50	80 00

**GLORY OF SASSENHEIM. B18.** Beautiful large bicolor; perianth white; trumpet golden yellow. Very early forcer. Color illustration on second cover page. 15c. each; doz., \$1.25; \$8.50 per 100; per 1000, \$80.00.

**GOLDEN SPUR. B18.** Unusually good for garden culture or forcing. Very early. Blooms freely. Pure golden yellow.

	Each	Doz.	100	1000
First-size Bulbs...	\$0 10	\$0 85	\$6 00	\$55 00
Monster Bulbs...	15	1 25	8 00	75 00

**KING ALFRED. B18.** Intense golden yellow; trumpet large and open, with a deep frilled edge.

	Each	Doz.	100
First-size Bulbs.....	\$0 15	\$1 25	\$9 00
Monster Bulbs.....	20	2 00	14 00

**MINISTER TALMA. A18.** Large, bright yellow, open trumpet, deeply frilled and flanged at brim. 20c. each; doz., \$1.75; \$12.50 per 100.

**MRS. E. H. KRELAGE. B21.** Often referred to as the "White King Alfred." This is one of the finest pure white trumpet varieties. Very free flowering and a splendid exhibition variety. Color illustration on second cover page. 25c. each; doz., \$2.50; \$17.50 per 100.

**OLYMPIA. B20.** Flowers large; both trumpet and perianth yellow. Fine for forcing. 20c. each; doz., \$2.00; \$12.50 per 100.

**SPRING GLORY. B16.** An extra-fine variety with pure white perianth and a golden yellow trumpet. Very early and free flowering. 15c. each; doz., \$1.50; \$10.00 per 100; per 1000, \$90.00.

**TRESSERVE. B17.** Large yellow trumpet; pale yellow perianth. Color illustration on second cover page. 15c. each; doz., \$1.50; \$10.00 per 100.

**VAN WAVEREN'S GIANT. B16.** Perianth soft primrose-yellow, with large bright yellow trumpet. One of the best in the giant class. Excellent for forcing in pots or for the garden. Color illustration on second cover page.

	Each	Doz.	100
Monster Bulbs.....	\$0 20	\$2 25	\$16 50

**VICTORIA. C18.** Beautiful Bicolor. Trumpet golden yellow; perianth creamy white. Early.

	Each	Doz.	100	1000
First-size Bulbs...	\$0 10	\$0 90	\$6 50	\$60 00
Monster Bulbs...	15	1 25	8 00	75 00

**Note.** Monster Bulbs will be supplied in all varieties, except where specified.

### MEDIUM TRUMPET NARCISSUS

These are also a popular type of the Narcissus or Daffodil family. Fine for garden culture, also for growing indoors in pots or pans, or in flats for cut-flowers.

**CONSPICUUS. Barri. C20.** Broad, spreading perianth of pale yellow; darker yellow cup, edged scarlet. Excellent for cutting. 10c. each; doz., 90c.; \$6.00 per 100; per 1000, \$55.00.

**CRÆSUS. Incomparabilis. A20.** A plant with two or three flowers unfolded is a sensation to behold and a real treasure in your garden. A new variety that is truly different in every respect. Perianth is primrose-yellow, with thick, overlapping petals; an unusually large and widely expanded crown of deep orange-red completes this gorgeous picture. 20c. each; doz., \$1.75; \$13.00 per 100.

**DIANA KASNER. Barri. B18.** Pure white perianth; large, fluted yellow cup, with blood-red frill. Very free flowering. Excellent forcer. Color illustration on second cover page. 25c. each; doz., \$2.25; \$15.00 per 100.

**LUCIFER. Incomparabilis. C18.** A very showy variety. Perianth white; trumpet orange-scarlet. 10c. each; doz., \$1.00; \$7.00 per 100; per 1000, \$65.00.

**SIR WATKIN. Incomparabilis; Giant Chalice Flower. C15.** The flower is probably the largest in its class. Fine for moderate forcing as well as bedding on a large scale. Perianth sulphur-yellow; cup tinged with orange. Very early. 15c. each; doz., \$1.25; \$8.00 per 100; per 1000, \$75.00.

**WHITE LADY. Leeds. C12.** White perianth; canary-yellow cup. Color illustration on second cover page. 10c. each; doz., 90c.; \$6.50 per 100; per 1000, \$60.00.

Picture a bed of Olympia Narcissus widely planted and spaces filled with light blue pansies.

Try Narcissus, Van Waveren's Giant, planted on the north side of a small pond's edge; the huge flowers will face the water and their reflection will create a superb view from the south side.



Trumpet Narcissus



Narcissus poetaz



Narcissus poeticus



Jonquils

## MICHELL'S SUPERB NARCISSUS, continued

If Narcissus bulbs are wanted by Parcel Post, add 30c. per 100 for postage to the first and second zones; for other zones, please see Parcel Post table on page 1

### NARCISSUS FOR THE ROCK-GARDEN

**ANGEL'S TEARS** (*N. triandrus albus*). C8. Creamy white trumpet which points down, while the sharply recurved petals point upward. Flowers are very dainty. Prefers a gritty soil between rocks. 20c. each; doz., \$1.75; \$12.00 per 100.

**W. P. MILNER**. C12. Miniature sulphur-white trumpet and perianth. Very satisfactory for rockeries. Exceedingly attractive when forced in small bowls. Very free flowering, with the fragrance of the cowslip. 25c. each; doz., \$2.25; \$17.00 per 100.

**THALIA**. Orchid-flowered Narcissus. C15. A sensation at all recent flower shows. Produces 3 or 4 blooms on a sturdy stem; color is a gorgeous white and flowers are so arranged as to remind one of orchids. An excellent variety for February forcing. Truly a variety that is different. Color illustration on second cover page. 30c. each; doz., \$3.25; \$22.50 per 100.

### JONQUILS FOR THE ROCK-GARDEN

**CAMPERNELLE RUGULOSUS** SINGLE  
**GOLDEN SCEPTRE** DOUBLE

For descriptions and prices see opposite column

### NARCISSUS TRIANDRUS

These are the Cyclamen-flowered Daffodil, with reflexing perianth. The flowers are more or less drooping and of elegant form.

**ANGEL'S TEARS** (*N. triandrus albus*).

**THALIA**. Orchid-flowered Narcissus.

For descriptions and prices, see above under Narcissus for the Rock-Garden.

### Hardy Narcissus in Mixture

For Massing or Cut-flowers

An excellent blending of varieties suitable for naturalizing or other mass plantings. Can be used in borders, fields, woods, or, in fact, anywhere, producing a wide range of color and variety of bloom. A clump of these planted in a corner of your garden will produce a fine lot of flowers for table or house decoration. We offer extra-large bulbs only, which can be depended on the first season. 10c. each; doz., 90c.; \$6.00 per 100; per 1000, \$55.00.

**Important Notice.** In order to obtain best results, all bulbs should be unpacked immediately upon arrival and either planted at once or stored in a cool and dry place.

### DOUBLE NARCISSUS

These are perfectly hardy, very popular, and well adapted to outdoor planting. Most of the varieties are also excellent for house and conservatory growing in pots or pans.

**ALBA PLENA ODORATA**. Gardenia-flowered Narcissus. A. A very sweet-scented pure white variety called Double Poet's Narcissus. It flowers later than many of the other Daffodils and is not desirable for forcing. Height, about 15 in. 10c. each; doz., \$1.00; \$7.00 per 100; per 1000, \$65.00.

**ORANGE PHOENIX**. Eggs and Bacon. C. Light yellow, almost white, with an orange-yellow center. Fine for pot-culture. Height, 16 in. 10c. each; doz., \$1.00; \$7.00 per 100; per 1000, \$65.00.

**PRIMROSE PHOENIX**. C. Large, rose-shaped, primrose-yellow flowers on long stems. A great improvement over Von Sion and growing more in favor each season. 15c. each; doz., \$1.50; \$10.00 per 100.

**TWINK**. A. A double of the semi-full type, the petals alternating a soft primrose and clear orange. Very attractive. A very easy forcer. Color illustration on second cover page. 25c. each; doz., \$2.75; \$20.00 per 100.

**VON SION** (*N. telemonius plenus*). C. The true double Daffodil. Pure golden yellow, entirely free from green-tipped flowers, which are often found in cheap grades. For forcing or outdoor planting it has no equal.

	Each	Doz.	100	1000
First-size Bulbs...	\$0 10	\$0 85	\$6 00	\$55 00
Monster Bulbs...	15	1 25	8 00	75 00

### SWEET-SCENTED JONQUILS

Much prized for their fragrant flowers. Perfectly hardy in gardens or naturalized. Excellent for rock-gardens and also well adapted to indoor culture in pots or pans.

**CAMPERNELLE RUGULOSUS**. 18. Large, rich yellow flowers, borne very freely. Very effective in deep pockets near the base of rockeries. 10c. each; doz., 90c.; \$6.00 per 100; per 1000, \$55.00.

**GOLDEN SCEPTRE**. 20. Large, golden yellow, trumpet-shaped, very fragrant blooms, excellent for forcing. 15c. each; doz., \$1.25; \$8.00 per 100; per 1000, \$75.00.

**SINGLE**. 12. Rich yellow; very fragrant. Free flowering and fine for cutting. 10c. each; doz., 90c.; \$6.00 per 100; per 1000, \$55.00.

**DOUBLE**. 12. Flowers very double, deep golden yellow, not quite as fragrant as the single, but of very graceful form. 10c. each; doz., \$1.00; \$6.50 per 100; per 1000, \$60.00.

### NARCISSUS POETAZ

Cluster-flowered Narcissus

This type is a cross between the old Poeticus and Polyanthus varieties. They are hardy, free-flowering, and fragrant. Excellent for house-culture as well as for the garden border.

**CHEERFULNESS**. C. Excellent double-flowering type. A real double white with a faint suggestion of pale yellow at base. Medium to late forcing flower, a little later than Laurens Koster. Color illustration on second cover page. 20c. each; doz., \$1.75; \$12.50 per 100.

**ELVIRA**. B. The blooms are pure white with delicate yellow cup, come 3 to 4 to a long stem, and from 2 to 3 stems are produced from a single bulb; fragrant. 10c. each; doz., \$1.00; \$7.00 per 100; per 1000, \$65.00.

**HELIOS**. C. Creamy yellow; pure yellow cups. Very free flowering and an excellent cut-flower. It is early and has strong stems, with 5 to 8 large florets. This variety is a great favorite wherever grown. 15c. each; doz., \$1.25; \$8.00 per 100.

**LAURENS KOSTER**. B. Flowers large; perianth pure white, with deep orange-yellow cup. Frequently 4 or 5 flowers are produced on a stem. Large bulbs, 15c. each; doz., \$1.25; \$8.00 per 100; per 1000, \$75.00.

**ORANGE CUP**. C. Creamy white; conspicuous orange cups—a most exquisite color combination. It deserves a prominent spot in your garden. 6 to 8 florets are usually produced on a stem and two stems per bulb. Color illustration on second cover page. 15c. each; doz., \$1.50; \$10.00 per 100; per 1000, \$90.00.

### NARCISSUS POETICUS

Poet's or Pheasant-Eye Narcissus

This is the old favorite type, excellent in the open border or naturalized in grass. Perfectly hardy and once planted takes care of itself. Can also be grown indoors in pots or pans with excellent results.

**POETICUS, HORACE**. One of the best in the Poet's type. Perianth pure white, of large size; very conspicuous red eye. Free flowering and strong stemmed. 10c. each; doz., \$1.00; \$7.00 per 100; per 1000, \$65.00.

**POETICUS ORNATUS**. C. A much-improved form of the ordinary Poeticus, producing larger flowers and blooming two weeks earlier. Flowers pure white; saffron cup, margined scarlet. Valuable for forcing and cutting. Mammoth bulbs, 10c. each; doz., 90c.; \$6.50 per 100; per 1000, \$60.00.

**POETICUS ORNATUS MAXIMUS**. Extremely broad, overlapping petals, recurving from typical Pheasant's Eye cup. Unsurpassed for naturalizing. 10c. each; doz., \$1.00; \$7.00 per 100; per 1000, \$65.00.

MICHELL'S SUPERB NARCISSUS, continued

POLYANTHUS NARCISSUS

Bunch-flowering

This class of Narcissus is suitable for indoor planting only, except south of the Carolinas. We list the best three varieties of this type, which are grown especially for us, and the bulbs we have been supplying have been giving the best results. These bulbs can be grown successfully in soil as well as in pebbles and water, and can be had in bloom from Thanksgiving to Easter. Store your bulbs in a cool, dry place when received, and for a succession of bloom, plant at intervals of about two weeks from October 1 to March 1.

The flowers are produced in clusters and are delightfully fragrant.

Michell's Big-Bloom Paper-White

Color illustration on insert

This is a pure white-flowering sort, used extensively for forcing, as it can be brought into bloom in 8 weeks' time. Easily grown in pebbles and water.

	Doz.	100	1000
Selected Bulbs	\$0 50	\$2 75	\$22 50
Mammoth Bulbs	60	3 75	32 50
Monster Bulbs	75	5 00	42 50
Jumbo Bulbs	85	6 00	50 00

GRAND SOLEIL D'OR

Golden Chinese Lily

Often called "Yellow Paper-White." Rich yellow, with deep red cup. This is a fine variety for cutting. Treat same as the regular Chinese Lily.

	Each	Doz.	100
Mammoth Bulbs	\$0 10	\$1 00	\$7 50
Monster Bulbs	15	1 25	9 00
Jumbo Bulbs	20	1 50	11 00

CHINESE SACRED LILIES

Fragrant, white, star-shaped blossoms with yellow cups. Place from 3 to 6 bulbs in a bowl on top of pebbles to the depth of 2 inches, adding a piece of charcoal to the water to keep it sweet. Place more pebbles around the bulbs and fill the bowl with water to the top of pebbles. After being planted they should be stored for three weeks in a cool, dark corner and then brought to a light but cool place. They may also be grown in pots with soil or sand, bulb fibre and moss.

	Each	Doz.	Doz.	100
Monster Bulbs	\$0 10	\$1 00	\$1 20	\$7 00

By Parcel Post



Big-Bloom Paper-White Narcissus

Peat Moss, Torf Mull

Imported, Granulated

A moisture-retaining humus and an aid in saving soil fertility. It furnishes the needed organic matter which all soils require. Excellent for mulching rose-beds, shrubbery and evergreens. Also excellent for lawns. A clean, odorless substitute for manure. Small size bale, \$1.85; \$4.00 per large bale.

Material for Successful House Culture of Bulbs

	Qt.	4 qts.	Pk.	Bus.	Bbl.
Bulb Fibre	\$0 15	\$0 45	\$0 75	\$2 00	
Charcoal (Lump)	10	35	65	1 50	\$2 00
Leaf-Mould	10	30	50	1 75	3 00
Pearl Chips. White or colored. 1-lb. pkg., 10c.; 12 pkgs. \$1.00.					
White. 10 lbs., 70c.					
Colored. 10 lbs., \$1.00.					
Pebbles	10	40	75	2 50	5 00
Potting Sand	10	25	40	1 40	3 00
Prepared Potting Soil	10	25	40	1 50	3 25
6-in. Bulb Pans			Each \$0 12	Doz. \$1 20	100 \$8 90
7-in. Bulb Pans			20	2 00	13 50
4-in. Pots			07	50	3 30



Naturalized Narcissus

# MICHELL'S SUPERB LILY BULBS

Parcel Post charges where named are for shipment to the first and second zones;  
for other zones, please see Parcel Post table on page 1

## MICHELL'S EASTER LILY BULBS

For indoor culture

**Cultural Notes.**—As soon as bulbs are received, plant them in pots. Place a handful of well-rotted cow-manure in the bottom of the pot and set the bulb directly on top, covering it with soil. After watering, place in an outside pit and protect from the direct rays of the sun; cover well with soil, ashes, or any other suitable litter. After the bulbs have become thoroughly rooted, bring inside, in a temperature of about 60 degrees. Let the plants grow slowly under a bench or some other suitable place until about 6 inches high, then place on top of the bench. About two months before Easter they can be brought into a warmer temperature and gradually forced into flower and height at one time.

### MICHELL'S "SPECIAL BRAND"

#### LILIUM HARRISI • True Bermuda Easter Lily

	Ready now		By Parcel Post	
	Each	Doz.	Doz.	100
7 to 9-in. circum.....	\$0 30	\$3 00	\$3 20	\$22 50
8 to 10-in. circum.....	40	4 25	4 45	32 50
9 to 11-in. circum.....	55	6 00	6 35	42 50
11 to 13-in. circum.....	1 25	12 00	12 35	85 00
13 to 15-in. circum.....	1 75	18 00	18 35	

#### LILIUM ERABU

	Ready now		By Parcel Post	
	Each	Doz.	Doz.	100
8 to 10-in. circum.....	\$0 40	\$4 00	\$4 20	\$27 50
9 to 10-in. circum.....	50	5 50	5 75	40 00
10 to 12-in. circum.....	70	7 25	7 55	55 00
11 to 13-in. circum.....	1 00	10 00	10 35	75 00

#### LILIUM FORMOSUM

The Formosa Easter Lily

Ready now

Similar to the Bermuda Lily, but blooms earlier. Dark-stemmed, Erabu Isle-grown. (Flowering generally in March and April.) **Same prices as Liliium Erabu.**

## MICHELL'S HARDY GARDEN LILIES

If Lily bulbs are wanted by Parcel Post, add 20c. per doz. for postage to the first and second zones; for other zones, please see Parcel Post table on page 1.

**Special Notice Regarding Delivery.**—Most of the Lilies listed below will arrive in time for fall planting. Some varieties, however, reach us too late, and orders for these will be held for early spring delivery. When ordering, please specify if you desire for fall or spring delivery.

It is advisable to prepare your Lily-bed in the early autumn and cover with 3 to 4 inches of litter. This will prevent freezing and will permit safe planting of the late arrivals.

Ready November to December

**AURATUM.** Golden-banded Lily. Blooms often measure 8 to 12 inches across; pure white, spotted crimson, each petal marked in the center with a band of yellow; delightfully fragrant. Height, 4 to 5 ft. Aug. Color illustration on insert.

	Each	Doz.	100
Large Bulbs, 8 to 9-in. circum.....	\$0 30	\$3 00	\$20 00
Mammoth Bulbs, 9 to 11-in. circum.....	40	4 00	27 50
Monster Bulbs, 11 to 13-in. circum.....	50	5 50	40 00
Jumbo Bulbs, 13 to 15-in. circum.....	75	8 00	60 00

**SPECIOSUM ALBUM.** The best late-flowering, pure white, hardy garden Lily of easy culture. Its graceful stems and foliage are set off to wonderful advantage by the pure white blooms. Height, 3 to 4 ft. Sept.

	Each	Doz.	100
Large Bulbs, 8 to 9-in. circum.....	\$0 35	\$3 50	\$25 00
Mammoth Bulbs, 9 to 11-in. circum.....	45	4 50	35 00

**SPECIOSUM MAGNIFICUM.** An enormous rich deep pink flower, spotted crimson. Height, 3 to 4 ft. Aug.

	Each	Doz.	100
Large Bulbs, 8 to 9-in. circum.....	\$0 30	\$3 00	\$22 50
Mammoth Bulbs, 9 to 11-in. circum.....	40	4 00	27 50
Monster Bulbs, 11 to 13-in. circum.....	55	6 00	45 00
Jumbo Bulbs, 13 to 15-in. circum.....	80	9 00	65 00

**SPECIOSUM MELPOMENE.** Deep pink, spotted red. Height, 3 to 4 ft. Aug.

	Each	Doz.	100
Large Bulbs, 8 to 9-in. circum.....	\$0 30	\$3 00	\$22 50
Mammoth Bulbs, 9 to 11-in. circum.....	40	4 00	27 50
Monster Bulbs, 11 to 13-in. circum.....	55	6 00	45 00
Jumbo Bulbs, 13 to 15-in. circum.....	80	9 00	65 00

### LILIUM GIGANTEUM

Ready in October

	Each	By Parcel Post		
		Doz.	Doz.	100
8 to 10-in. circum.....	\$0 40	\$4 00	\$4 20	\$27 50
9 to 10-in. circum.....	50	5 50	5 75	40 00
10 to 12-in. circum.....	65	7 00	7 30	50 00



#### LILIUM CANDIDUM (Hardy)

St. Joseph's, Madonna, or Annunciation Lily

**How and Where to Plant.**—Madonna Lilies, due to their pure white color, fit into any garden scheme. Plant throughout the hardy border, in clumps of 5 to 10 bulbs each, setting bulbs a little on their side and about 4 to 6 inches apart each way. Cover the crowns only slightly, not more than 2 inches. Plant in conjunction with delphiniums, against a background of evergreens or climbing roses, or against a summer-house or in a pergola in thickly planted clumps.

	Each	By Parcel Post		
		Doz.	Doz.	100
Mammoth Bulbs.....	\$0 30	\$2 75	\$2 90	\$20 00
Monster Bulbs.....	35	3 75	3 95	27 50
Jumbo Bulbs.....	50	5 00	5 25	37 50
Special Exhibition Bulbs.....	70	7 00	7 30	55 00

To have beautiful flowers one must have good bulbs

MICHELL'S HARDY GARDEN LILIES, continued

**SPECIOSUM RUBRUM or ROSEUM.** Delicate pink, almost white, spotted red. One of the old garden favorites. Height, 4 to 5 ft. Sept. Color illustration on insert.

	Each	Doz.	100
Large Bulbs, 8 to 9-in. circum.....	\$0 30	\$3 00	\$22 50
Mammoth Bulbs, 9 to 11-in. circum.....	40	4 00	27 50
Monster Bulbs, 11 to 13-in. circum.....	55	6 00	45 00
Jumbo Bulbs, 13 to 15-in. circum.....	80	9 00	65 00

**TIGRINUM FLORE-PLENO.** Tiger Lily. Double. Orange, spotted black. Height, 4 to 5 ft.....

	30	3 00	22 50
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**TIGRINUM SPLENDENS.** Single. Orange, spotted black. Height, 4 to 5 ft.....

	25	2 75	20 00
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MISCELLANEOUS LILIES

**BATEMANIÆ.** Apricot colored. Height, 3 ft. Each July.....

	Each	Doz.	100
July.....	\$0 35	\$3 50	\$25 00

**CANADENSE.** Canadian Bellflower Lily. Bright yellow flowers, spotted black inside. Height, 3 to 5 ft. June, July.....

	30	3 00	22 50
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**CANADENSE RUBRUM.** Crimson with black spots. Height, 3 to 4 ft. Aug.....

	35	3 50	25 00
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**DAVURICUM.** Upright scarlet flowers. Height, 2 to 3 ft. June, July.....

	35	3 50	25 00
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**ELEGANS, MIXED.** Shades of orange. Fine for the rock-garden. Height, 2 ft. June, July..

	30	2 75	20 00
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**HANSONI.** Reddish orange blooms, 8 to 12 in a cluster. Often grows from 3 to 5 feet high. June.....

	50	5 50	40 00
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**HENRYI.** Yellow Speciosum Lily. Distinct orange-yellow flowers in great profusion. Tall grower, often 7 feet. July, Aug. Color illustration on insert. ....

	40	4 00	27 50
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**KRAMERI (L. japonicum).** Blush-pink. A good variety for the rock-garden. Height, 3 ft. June, July. ....

	40	4 00	27 50
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**MACRANTHUM (L. auratum platyphyllum).** Giant Golden-banded Lily. Height, 4 to 5 ft. Aug.....

	40	4 00	30 00
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**MARTAGON.** A fine garden variety. Vigorous grower. Light purple flowers with dark spots. Height, 4 to 5 ft.....

	30	3 00	22 00
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Lilium auratum. See page 13

**SUPERBUM.** Turk's-Cap Lily. Grows from 4 to 5 feet high and produces from 15 to 25 orange-red flowers on a stalk. Aug.....

Each	Doz.	100
\$0 35	\$3 50	\$25 00

**TENUIFOLIUM.** Grows 1½ feet high, with clusters of brilliant scarlet, star-like flowers on wiry stems. Grows very easily in a well-drained pocket in the rock-garden. ....

25	2 25	15 00
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**UMBELLATUM.** Orange-scarlet. Well adapted for growing in the rock-garden. Height, 2 ft. June. ....

35	3 50	25 00
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REGALE LILY • Lilium myriophyllum

Large flowers with centers flushed golden yellow, shading off to creamy white at outer edges; the reverse of the flowers is streaked with brown, shaded a pearly tint. Its sturdy stems are 3 to 5 feet high. Plant in fall or early spring, 8 to 9 inches deep. Blooms in July. (Ready in October.) Color illustration on insert.

	Each	Doz.	100
Large Selected Bulbs, 7 to 8-in. circum.....	\$0 30	\$3 25	\$22 50
Mammoth Bulbs, 8 to 9-in. circum.....	35	3 50	25 00
Monster Bulbs, 9 to 10-in. circum.....	50	5 00	35 00
Jumbo Bulbs, 10 to 11-in. circum.....	75	8 00	60 00

LILIUM PHILIPPINENSE FORMOSANUM

This is a wonderful Lily, producing large, pure white blooms tinted with rose on the outside. In size and form it resembles the Easter Lily, with a similar delightful fragrance. It is a profuse bloomer and invaluable as a cut-flower. Perfectly hardy in cold climates if given a mulch in the late fall. We recommend this recent introduction as one of the finest acquisitions. Color illustration on insert. 25c. each; doz., \$2.50; \$15.00 per 100.

YOUR LAWN

Autumn is an ideal time to renovate and re-seed worn-out turf. See page 46



Lilium speciosum

# MICHELL'S MISCELLANEOUS BULBS

## For Winter and Spring Flowering

Parcel Post charges where named are for shipment to the first and second zones; for other zones, please see Parcel Post table on page 1

### ACONITE, WINTER

*Eranthis hyemalis*

A very early spring-flowering bulb with golden yellow blooms. Prefers a moist, shady location. Perfectly hardy. Excellent for the rockery. Height about 6 in. 40c. per doz.; per 100, \$2.75 (by Parcel Post, \$2.90); \$25.00 per 1000.

### AMARYLLIS

Ready in November or December

**Cultural Directions.**—When bulbs are received they should be placed where they will always be slightly moist and warm. Do not pot up the bulbs until the flower-buds appear. When first potted, give very little water and promote growth by giving moderate bottom heat; increase the supply of water as the plants grow.

If wanted by Parcel Post, add 20c. per doz. for postage

**Giant American Hybrids.** The finest race of Amaryllis in cultivation, exceeding in the size and fine form of their flowers, as well as in the diversity of colors and markings, all former hybrids. Flowers striped and flaked. We offer mixed colors only.

	Each	Doz.	100
Large Selected Bulbs	\$0 50	\$5 00	\$40 00
Choice Mammoth Bulbs	65	7 00	55 00

### ANEMONE • Windflower

None of the spring flowers surpasses the Anemones for brilliancy of color and profusion of bloom. They are excellent decorative plants for house or garden. The foliage is most attractive and, above all, the plant is crowned with long-stemmed, beautiful flowers in many colors and shades. If planted outdoors in the fall, they must be well protected with leaves or other litter. They are also well adapted for pot-culture and are excellent for cutting. Height, 1½ ft.

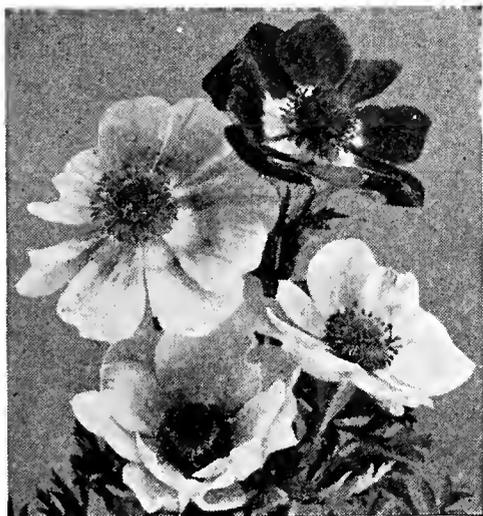
**Blue Poppy.** A choice selection of blue shades. Large, poppy-shaped, thick-petaled blooms on long stems. 75c. per doz.; per 100, \$5.00 (by Parcel Post, \$5.15); \$45.00 per 1000.

**De Caen.** Single French varieties in mixed colors. 60c. per doz.; per 100, \$4.00 (by Parcel Post, \$4.15); \$35.00 per 1000.

**His Excellency.** Beautiful, large-flowering Poppy Anemone. Deep scarlet; thick petals; long stems. 75c. per doz.; per 100, \$5.00 (by Parcel Post, \$5.15); \$45.00 per 1000.

**St. Brigid.** A greatly improved form with immense semi-double and double flowers in many colors. 75c. per doz.; per 100, \$5.00 (by Parcel Post, \$5.15); \$45.00 per 1000.

**The Bride.** New. Large pure white flowers with white centers. A much-desired color and promises to be most popular. 85c. per doz.; per 100, \$6.00; \$50.00 per 1000.



Anemone, St. Brigid

### BEGONIAS, Tuberos-rooted

Ready in January

Enormous, wax-like flowers appear uninterruptedly from June until frost. Plant bulbs outdoors about May 1, or start indoors any time prior to then.

If wanted by Parcel Post, add 25c. per 100 for postage

Single and dozen bulbs mailed free

#### Single Frilled Begonias (Large Bulbs)

<b>Crimson</b>	<b>Scarlet</b>
<b>Orange</b>	<b>White</b>
<b>Pink and Rose</b>	<b>Yellow</b>
<b>Salmon</b>	

Price, 20c. each; doz., \$2.15; \$16.00 per 100

**Mixed Colors.** 20c. each; doz., \$2.00; \$14.00 per 100.

#### Double Camellia-flowered Begonias (Large Bulbs)

<b>Crimson</b>	<b>Scarlet</b>
<b>Orange</b>	<b>White</b>
<b>Pink and Rose</b>	<b>Yellow</b>
<b>Salmon</b>	

Price, 25c. each; doz., \$2.50; \$19.00 per 100

**Mixed Colors.** 25c. each; doz., \$2.25; \$17.00 per 100.

#### Double Carnation-flowered Begonias (Large Bulbs)

The edge of each flower petal is exquisitely frilled.

<b>Orange</b>	<b>Scarlet</b>
<b>Pink and Rose</b>	<b>White</b>
<b>Salmon</b>	<b>Yellow</b>

Price, 25c. each; doz., \$2.50; \$19.00 per 100

**Mixed Colors.** 25c. each; doz., \$2.25; \$17.00 per 100.

#### Begonia, Hanging-Basket Type

For vases, hanging-baskets, porch and window-boxes.

**Mixed Colors.** 25c. each; doz., \$2.50; \$19.00 per 100.

### BRODIAEAS

**Choice Mixed.** A small bulb producing grassy leaves near the ground and small waxy flowers in shades of blue and purple on slender, stiff stems, 6 to 8 inches high. Fine for rockeries. 65c. per doz.; per 100, \$4.50 (by Parcel Post, \$4.65).

### FANCY-LEAVED CALADIUMS

Ready in January

These are grown for us by one of the leading hybridizers. They are charming conservatory plants, for, being of a tropical nature, they like a warm temperature. They do quite well outdoors during the summer, if planted in a shaded place. The foliage covers a wide range of colors, making a grand display. Bulbs should be started in moss with plenty of bottom heat.

#### Extra-Fancy Highly Colored Named Varieties

A selection of best highly colored and newer sorts. 35c. each; doz., \$3.50 (by Parcel Post, \$3.60); \$25.00 per 100.

#### Mixed Varieties

An assortment especially blended for us. 30c. each; doz., \$2.75 (by Parcel Post, \$2.85); \$20.00 per 100.

### CALLA LILIES

Callas require good, rich soil and plenty of warmth and water to make them thrive. Plant indoors only.

If Callas are wanted by Parcel Post, add 15c. per doz. for postage



Baby Calla

#### Baby Callas

**Pink** (*Richardia Rehmanni*). Dwarf. Flowers rose-pink, fading to cerise as they mature. An unusual flower. 60c. each; doz., \$6.00.

**White.** Miniature. A pure white midget variety of the Godfrey type. Stems 10 to 15 inches tall. A prolific bloomer throughout the winter. Immensely popular. Color illustration on insert. 30c. each; doz., \$3.25; \$25.00 per 100.

#### White Calla (Aethiopica) Lily-of-the-Nile

	Each	Doz.	100
First-size Bulbs, 1¼ to 1½-in. diam.	\$0 15	\$1 50	\$10 00
Medium-size Bulbs, 1½ to 1¾-in. diam.	25	2 25	17 00
Mammoth Bulbs, 1¾ to 2-in. diam.	40	4 00	30 00
Monster Bulbs, 2 to 2½-in. diam.	60	6 00	45 00

#### Spotted Calla

Ready in October

Flowers white. Foliage green, spotted white. 35c. each; doz., \$3.50; \$25.00 per 100.

#### Yellow Calla (Elliottiana)

Ready in October

The rich golden yellow flowers are large and massive and produced in abundance. Foliage green, spotted white. Very attractive.

	Each	Doz.	100
Mammoth Bulbs	\$0 30	\$3 00	\$22 50
Monster Bulbs	50	5 00	37 50
Jumbo Bulbs	75	8 00	60 00

# Large and liberal use of Crocuses is the best spring tonic

## CALOCHORTUS

Mariposa Tulip; Butterfly Tulip

**Mixed Colors.** Our mixture comprises all the pleasing shades of pink, rose, white, lavender, and primrose. Excellent for the rock-garden. Height, about 1½ ft. 85c. per doz.; per 100, \$6.00 (by Parcel Post, \$6.15).

## CHIONODOXA

Glory-of-the-Snow

One of the first flowers to appear in the spring. Used for edging, for planting in masses, or in the rock-garden.

*If wanted by Parcel Post, add 15c. per 100 for postage*

**Luciliae.** Bright blue with white center. 35c. per doz.; per 100, \$2.50; \$22.50 per 1000.

**Sardensis.** Very deep blue with white center. 40c. per doz.; per 100, \$2.75; \$25.00 per 1000.

## CROCUS

Color illustration on insert

One of the earliest flowers to bloom in spring. Most effective for borders or beds, also for planting in clumps among shrubbery and for the rock-garden. In lawns, planted in the grass, the Crocus are extremely attractive. An effective method of planting is to scatter them over the lawn by digging up a small piece of sod here and there and placing one or two bulbs in each spot. This gives a very pretty effect. The Giant-flowering varieties are also fine for flowering in pots, but too severe forcing must not be attempted. Height, 6 in.

*If wanted by Parcel Post, add 15c. per 100 for postage*

### Giant Named Crocus

The bulbs of these varieties are very large and each is capable of producing several flowers of large size.

**Agnes.** *New.* Large, pale china-blue flowers with white edges. 40c. per doz.; per 100, \$2.75; \$22.50 per 1000.

**Baron von Brunow.** Deep blue. 40c. per doz.; per 100, \$2.75; \$22.50 per 1000.

**Cloth of Gold.** Rich yellow, brown veins. 40c. per doz.; per 100, \$2.75; \$22.50 per 1000.

**King of the Blues.** Purple. 40c. per doz.; per 100, \$2.75; \$22.50 per 1000.



Crocus

### GIANT NAMED CROCUS, continued

**L'Innocence.** *New.* Stem and flower are pure white; giant blooms. 40c. per doz.; per 100, \$2.75; \$22.50 per 1000.

**Purpurea Grandiflora.** Rich purple. 40c. per doz.; per 100, \$2.75; \$22.50 per 1000.

**Striped Beauty.** *New.* An extra-large white flower, evenly striped dark mauve. 40c. per doz.; per 100, \$2.75; \$22.50 per 1000.

**Giant Named, Mixed.** 35c. per doz.; per 100, \$2.50; \$22.50 per 1000.

### Mixed Crocus in Separate Colors

Our bulbs of mixed Crocus are all of the largest size and should not be confounded with the cheap mixtures which are frequently offered.

	Doz.	100	1000
<b>Yellow</b> .....	\$0 30	\$2 25	\$20 00
Mammoth Bulbs.....	40	2 75	25 00
Giant Bulbs.....	45	3 25	30 00
<b>Mixed.</b> An assortment of choice varieties, well blended.....	25	1 75	15 00

### Autumn-flowering Crocus

**Colchicum autumnale.** Autumn-flowering bulbs, producing lavender-colored flowers. Can be grown in partial shade and are excellent among low-growing plants and fine for the rockery. Will also bloom without soil or water by placing in the sun in a dish or saucer. Height, 8 to 10 in. 30c. each; doz., \$3.50 (by Parcel Post, \$3.65); \$25.00 per 100.

**Crocus sativus.** Purple-lilac flowers feathered violet; orange anthers. 50c. per doz.; per 100, \$3.50.

**Crocus zonatus.** Rose-lilac, yellow center. 50c. per doz.; per 100, \$3.50.

## EREMURUS

Foxtail Lily; Giant Asphodel

A rare bulbous plant that is very hardy. The flower-stalks, rising from a tuft of long, narrow leaves, are crowned by a flower-spike 2 to 3 feet long, closely set with star-like, bell-shaped flowers. On account of their height, we recommend these for the rear of the hardy border. Delivery Sept., Oct.

**Bungei.** Citron-yellow flowers on spikes 5 to 6 feet high. July. \$1.50 each; doz., \$16.50.

**Elwesianus.** Soft pink flowers on spikes 10 to 12 feet high. June. \$3.00 each; doz., \$33.00.

**Himalaicus.** Waxy white flowers with golden anthers. Height, 6 to 8 ft. June. \$2.50 each; doz., \$25.00.

**Him-Rob.** Pale silvery pink flowers. Height, 8 to 10 ft. June. \$3.00 each; doz., \$33.00.

**Robustus.** Rosy pink. Height, 10 ft. June. \$3.00 each; doz., \$33.00.

**Shelford.** Coppery yellow or orange. Height, 7 to 8 ft. June. \$2.50 each; doz., \$25.00.

## ERYTHRONIUM

Dog's-tooth Violet

**Tuolumensis.** Charming woodland plants, also effective in the rock-garden. Golden yellow, lily-like flowers. Green mottled leaves. Height, 8 in. 75c. per doz.; per 100, \$6.00 (by Parcel Post, \$6.15); \$55.00 per 1000.

## FRITILLARIA IMPERIALIS

Crown Imperial

A majestic plant, producing, early in spring, stout stems 3 to 4 feet long with a crown-like cluster of gorgeously colored bell-shaped flowers at the top. Ideal for planting in hardy borders.

**Mixed Colors.** 40c. each; doz., \$4.50 (by Parcel Post, \$4.65); \$32.50 per 100.



Eremurus

## FRITILLARIA MELEAGRIS

Guinea-Hen Flower; Checker Lily

Dwarf, spring-flowering plants with large, pendent, bell-shaped flowers. Excellent for pot-culture and valuable for large groups in the garden border, also for the rock-garden.

**Very Fine Mixed.** 40c. per doz. (by Parcel Post, 55c.); per 100, \$3.00; \$25.00 per 1000.

## BABY GLADIOLUS

For Forcing

An extremely popular flower of marvelous grace and beauty. Wonderful for forcing.

	Doz.	100	1000
<b>Nymph.</b> Sprays of large, wide-open white flowers with crimson markings.....	\$0 80	\$5 50	\$50 00
<b>Peach Blossom.</b> Soft pink.....	80	5 50	50 00
<b>Spitfire.</b> Deep reddish salmon.....	80	5 50	50 00
<b>The Bride.</b> Pure white.....	80	5 50	50 00

*If Gladiolus Bulbs are wanted by Parcel Post, add 25c. per 100 for postage*

## GLOXINIAS

Ready in January

A gorgeous plant for either the conservatory or garden. They prefer a moist soil and a shady situation. Bulbs may be started as early as January, but should not be set outdoors until after May 15. We offer extra-fine, large bulbs.

*If wanted by Parcel Post, add 25c. per 100 for postage*

**Emperor Frederick.** Monster red flowers, striped white.

**Emperor William.** Purple, striped white.

**Purple Rose** **Tigered and Spotted**  
**White** **Choice Mixed Colors**

Price, 35c. each; doz., \$4.00; \$30.00 per 100

Crocuses, Chionodoxas and Scillas planted as edgings for beds or borders, naturalized under trees or in rock-gardens, produce a gay effect

Parcel Post charges where named are for shipment to the first and second zones; for other zones, please see Parcel Post table on page 1

# Delightful surprises are hidden among the Bulbs in this section

## FREESIAS

### Marie Louise Violet New Introduction

Very robust grower with heavy stem and large truss. Color a dark violet-blue with slight shading of red, which is almost a counterpart of the Violet this variety is named for.

	Doz.	100	1000
Mammoth Bulbs	\$0 75	\$4 00	\$35 00
Monster Bulbs	90	6 00	50 00
Jumbo Bulbs	1 00	7 00	60 00

### Judy (Elder's) New Introduction

Wonderful, double, golden yellow Freesia, suggestive of the well-known Sulphur Phoenix Narcissus. A large-flowering type and excellent for forcing. Supply is limited. \$1.50 per doz.; per 100, \$10.00.

### Elder's Double White New Introduction

This splendid novelty is a glistening white with very tall stems. The flowers are quite large and very similar to a gardenia. Excellent for forcing. Supply is limited.

	Doz.	100
Mammoth Bulbs	\$1 50	\$10 00
Monster Bulbs	1 75	12 50
Jumbo Bulbs	2 00	15 00

### Michell's Purity (Super-Flora)

Our strain is the true improved type, producing large, glistening, pure white flowers on long stems.

	Doz.	100	1000
Mammoth Bulbs	\$0 40	\$3 00	\$22 50
Monster Bulbs	60	4 00	32 50
Jumbo Bulbs	70	5 00	45 00

### Elder's Giant White Plant Patent No. 17

The largest and best white Freesia commercially offered to date. Giant pure white blooms on very long stems. Excellent for blooming during late February or early March.

	Doz.	100	1000
Mammoth Bulbs	\$0 65	\$4 00	\$35 00
Monster Bulbs	1 00	7 50	70 00
Jumbo Bulbs	1 25	9 00	85 00



Grape Hyacinths

## Colored Freesias

The colored Freesias have become very popular on account of their unique tints and shadings.

**Apotheose.** Enormous, waxy, thick-petaled flowers of a gorgeous pink, tinted lavender.

	Doz.	100
Mammoth Bulbs	\$0 60	\$4 00
Monster Bulbs	90	6 50

**Blue Bird.** Deep delphinium-blue with light center. Large, open flowers on long stems.

	Doz.	100	1000
Selected Bulbs	\$0 60	\$4 00	\$35 00
Mammoth Bulbs	75	5 00	45 00

**California.** Bright golden yellow.

	Doz.	100	1000
Selected Bulbs	\$0 50	\$3 00	\$25 00
Mammoth Bulbs	60	3 50	30 00

**Golden Daffodil.** Golden yellow with bright orange blotch on lower lip.

	Doz.	100	1000
Mammoth Bulbs	\$0 40	\$3 00	\$22 50
Monster Bulbs	60	4 00	32 50
Jumbo Bulbs	70	5 00	45 00

**Marie Louise Fischer.** An excellent variety with rich lavender-blue flowers.

	Doz.	100	1000
Mammoth Bulbs	\$0 60	\$4 00	\$35 00
Monster Bulbs	75	5 00	45 00

**Miss Blanche Blue.** Plant Patent No. 98. A new variety, with deep bluish lavender flowers of extra-large size.

	Doz.	100	1000
Selected Bulbs	\$0 60	\$4 00	\$32 50
Mammoth Bulbs	75	5 00	40 00

**Mrs. Marc Peters.** Deep rosy salmon, blotched golden yellow. Early.

	Doz.	100	1000
Selected Bulbs	\$0 50	\$3 50	\$30 00
Mammoth Bulbs	60	4 00	35 00

**Pink Beauty.** Giant rose-pink, broad-petaled, open flowers. The best pink to date.

	Doz.	100	1000
Selected Bulbs	\$0 50	\$3 50	\$30 00
Mammoth Bulbs	65	4 25	35 00

**Splendens (Improved).** Lavender.

	Doz.	100	1000
Selected Bulbs	\$0 50	\$3 00	\$25 00
Mammoth Bulbs	60	4 00	32 50

**Sunset.** A new color in Freesias, being a flame-orange.

	Doz.	100	1000
Selected Bulbs	\$0 60	\$3 50	\$30 00
Mammoth Bulbs	65	4 50	37 50

**Rainbow Mixture.**

	Doz.	100	1000
Selected Bulbs	40	2 50	22 50
Mammoth Bulbs	50	3 00	25 00

## GRAPE HYACINTHS

### Muscari

Beautiful early spring-flowering bulbs for planting in masses or in the rock-garden, in either shade or sun. Once planted they multiply rapidly and send up flower-spikes by the score each year. Also adapted for growing indoors. Perfectly hardy. Height, 6 to 8 in.

*If wanted by Parcel Post, add 15c. per 100 for postage*

**Botryoides album.** White. 40c. per doz.; per 100, \$3.00; \$25.00 per 1000.

**Botryoides, Heavenly Blue.** Sky-blue. 40c. per doz.; per 100, \$3.00; \$25.00 per 1000.

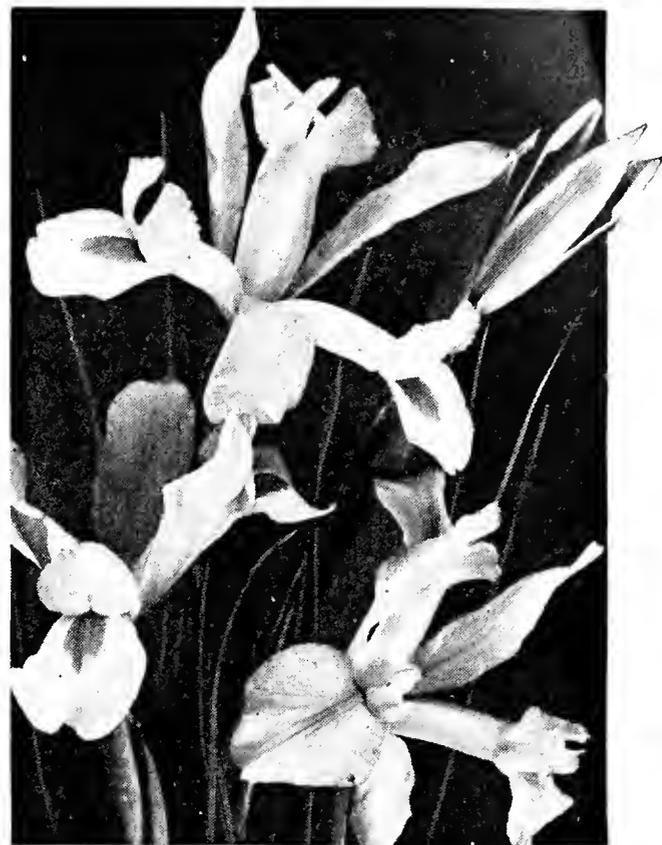
**Dark Blue.** 50c. per doz.; per 100, \$3.50; \$30.00 per 1000.

## IXIAS

A charming little stove and conservatory bulb, but may also be planted outdoors if put in a protected position in well-drained soil, with plenty of covering during the winter.

**Scarlet.** 40c. per doz.; per 100, \$3.00 (by Parcel Post, \$3.15); \$25.00 per 1000.

**Extra-Fine Mixture.** 35c. per doz.; per 100, \$2.50 (by Parcel Post, \$2.65); \$20.00 per 1000.



Dutch Iris

## DUTCH or HOLLAND IRIS

### *Iris Xiphium hybridum*

This new strain is much more vigorous in habit and growth than the Spanish Iris, which it resembles, and it flowers two weeks earlier when grown outside. The blooms are very large and are invaluable as cut-flowers. When forced under glass will bloom in late February and early March.

*If Iris is wanted by Parcel Post, add 15c. per 100 for postage*

**A. Bloemard.** Dark purplish blue; falls lighter blue. Very large flower. Early. \$1.00 per doz.; per 100, \$7.00.

**Adrian Backer.** A fine purplish lilac flower of good substance. \$1.00 per doz.; per 100, \$7.00.

**D. Haring.** Grayish white, tinted lilac; falls pure white. Large flower. Early. 90c. per doz.; per 100, \$6.00.

**Leonardo da Vinci.** A very large flower with standards creamy white and falls canary-yellow with orange stripe. Early. 90c. per doz.; per 100, \$6.00.

**Poggenbeek.** A great improvement on Imperator. Dark blue. Very early. 90c. per doz.; per 100, \$6.00.

**Theresa Schwartze.** Standards pale cornflower-blue; falls pure white, with very narrow orange stripe. Excellent cut-flower. \$1.00 per doz.; per 100, \$7.00.

**White Excelsior.** Immense flowers of purest white. A fine cut-flower. Very early. \$1.00 per doz.; per 100, \$7.00.

**Yellow Queen.** Standards and falls golden yellow. Thin, wiry stems. Excellent for forcing and an outstanding variety for the garden. 90c. per doz.; per 100, \$6.00.

## SPANISH IRIS (*Iris hispanica*)

These are extremely early and produce graceful, slender stems and fragrant, orchid-like flowers. They are hardy outdoors, requiring only a slight mulch. Excellent for forcing in boxes or pans.

**Cajanus.** Canary-yellow, with orange blotch on falls. 90c. per doz.; per 100, \$6.00.

**King of the Blues.** Deep purplish blue, shading lighter. 80c. per doz.; per 100, \$5.50.

**King of Whites.** Pure white. Very fine. 80c. per doz.; per 100, \$5.50.

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### ENGLISH IRIS

While this is not a forcing Iris, it is one of the finest cut-flower sorts known, and should be grown outside by every lover of this beautiful flower. It is hardy, easy to grow, a sure bloomer, and its flowers are of striking color.

**Bleu Celeste.** Bright lavender-blue, very delicate and effective. \$1.50 per doz.; per 100, \$10.00.

**King of the Blues.** A brilliant deep purple-blue of striking effect. \$1.50 per doz.; per 100, \$10.00.

**Tricolor.** Standards purple; falls white overlaid with bright blue. \$1.50 per doz.; per 100, \$10.00.

### IRIS FILIFOLIA

**Imperator.** Clear deep blue. Universally popular as a greenhouse forcing variety, producing large, elegant flowers. Large bulbs, \$1.10 per doz.; per 100, \$8.00.

### IRIS TINGITANA

**Wedgwood.** A very free-blooming variety, producing enormous deep blue flowers on long, strong stems. It is very early, in fact, one of the first of all Iris to bloom when forced under glass. Large bulbs, \$1.75 per doz.; per 100, \$12.50.

### LEUCOCORYNE

**Ixioides odorata.** Glory-of-the-Sun. A new introduction from Chile. Requires the same culture as freesias and blooms during February and March. Its wiry stems, 1½ to 2 feet high, carry clusters of beautiful lavender, phlox-like flowers which last from 3 to 4 weeks. The color is striking and odor faintly resembles heliotrope. Color illustration on insert. 25c. each; doz., \$2.50; \$20.00 per 100.

### LEUCOJUM

**Vernum.** Spring Snowflake. Pretty bulbous plant similar to the snowdrop but larger and of stronger growth. Beautiful white flowers, tipped with green. Excellent for cutting. Fine for rock-gardens. Height, 8 to 10 in. 75c. per doz.; per 100, \$5.00 (by Parcel Post, \$5.15).

### LILY-OF-THE-VALLEY

Ready in December

These beautiful pure white flowers, principally used for winter forcing, are very fragrant and produced in abundance. For indoor culture, plant about 25 pips or roots in a 7-inch pot or pan, then place outside, where they should be left until they have been subjected to freezing for several nights, which brings them into flower more readily. When grown outdoors, always plant in a shaded place.

**Michell's Fancy Giant-flowering.** \$1.75 for 25 (by Parcel Post, \$1.85); per 100, \$6.00 (by Parcel Post, \$6.25); \$50.00 per 1000.

**Bundles.** For outdoor planting only. These bundles contain 12 good-sized pips, with good root-growth, all of which will flower with the proper care. They are especially imported from abroad, the best of the stock being selected for us. We can make shipment of these from November until May. 60c. per bundle (by Parcel Post, 70c.); doz. bundles, \$5.50 (by Parcel Post, \$5.75); \$40.00 per 100 bundles.

### Cold-Storage Lily-of-the-Valley

Ready for Delivery Now

Our cold-storage Lily-of-the-Valley pips are of high-grade quality, and, planted at intervals in either soil, peat, or bulb fibre, and given a gentle heat and plenty of water, an abundance of these fragrant flowers may be had all through the winter and early spring. Will bloom in three weeks after planting.

**Michell's Superb Exhibition.** \$1.25 per doz.; for 25, \$2.25; \$8.00 per 100; for 250, \$18.00; \$35.00 for 500; per 1000, \$70.00.

### ORNITHOGALUM

**Arabicum.** Star of Bethlehem. An attractive flowering bulb for indoor or outdoor culture. Petals pure white, streaked light green with a black center, very fragrant and especially desirable for planting in woodlands for naturalizing. For indoor culture treat like Hyacinths. Height, 2 ft. 10c. each; doz., \$1.00 (by Parcel Post, \$1.15); \$7.00 per 100.

**Aureum Hybrids.** Orange-red to bright yellow blooms, with marvelous keeping qualities. An excellent pot-plant. 25c. each; doz., \$2.50 (by Parcel Post, \$2.65); \$20.00 per 100.

**Splendens.** Red Star. Large orange-red flowers. Stems 1½ to 2 feet long. A magnificent species. 25c. each; per doz., \$2.50 (by Parcel Post, \$2.65); \$20.00 per 100.

### OXALIS

For conservatory, greenhouse, and window-garden culture, the Oxalis is ideal. Should be given a well-drained pot or pan of rich, loamy soil and potted any time from September to December, the earlier the better. They may be started into growth as soon as potted by placing in a sunny situation and a temperature of from 55 to 60 degrees, water being given as required. Plant 4 to 6 bulbs in a pot or hanging-basket.

	Doz.	100	By P.P. 100
<b>Grand Duchess.</b>			
Lavender.....	\$0 50	\$3 00	\$3 10
Pink.....	50	3 00	3 10
White.....	50	3 00	3 10
Yellow.....	50	3 00	3 10
<b>Bermuda Buttercup.</b>			
Mammoth.....	55	3 50	3 60
<b>Hirta.</b> Beautiful pink....	50	4 00	4 10

### RANUNCULUS • Buttercup

An attractive flower resembling a giant double Buttercup or double poppy. Easily grown in pots for winter blooming or in coldframes for spring. Height, 12 to 15 in.

**Michell's New Giant Strain.** This is the last word in Ranunculus. It has been developed by careful selection of the finest flowers from all the latest improved strains and is a balanced blend of all colors. The huge flowers run mostly to the full double form. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.

**Palafior Strain, Choice Mixed.** A new strain that produces flowers twice as large as the other types now being offered. Beautiful range of colors (with practically no white among them) such as subtle shades and pastel colorings of pinks and yellows, as well as others heretofore never produced. Choice bulbs, 70c. per doz.; per 100, \$4.50; \$40.00 per 1000.

**Giant Yellow.** A new strain containing a full range of yellow shades. Blooms large and very fine. 70c. per doz.; per 100, \$4.50 (by Parcel Post, \$4.65); \$40.00 per 1000.

**Giant Fringed, Mixed.** 50c. per doz.; per 100, \$3.50 (by Parcel Post, \$3.65); \$30.00 per 1000.

### SCILLAS

Squills; Wood Hyacinths; Blue Bells, etc.

Excellent for planting around beds of tulips, hyacinths, or daffodils, in the rockery, or among shrubbery in the herbaceous border. They also do well if planted indoors in pots or pans. The Campanulata type grows about 15 inches high; the Sibirica, 3 to 4 inches.

**Campanulata alba.** White. 50c. per doz.; per 100, \$3.50 (by Parcel Post, \$3.65); \$30.00 per 1000.

**Campanulata rosea.** Pink. 50c. per doz.; per 100, \$3.50 (by Parcel Post, \$3.65); \$30.00 per 1000.

**Sibirica.** Blue. First-size bulbs. 40c. per doz.; per 100, \$3.00 (by Parcel Post, \$3.15); \$25.00 per 1000.

**Sibirica.** Mammoth bulbs. 50c. per doz.; per 100, \$3.50 (by Parcel Post, \$3.65); \$30.00 per 1000.

**Sibirica, Spring Beauty.** A new variety and a great improvement. Produces large bulbs and bears a complete bouquet of intense blue flowers. Blooms earlier than the ordinary *S. sibirica*, and grows twice as tall. Color illustration on insert. 90c. per doz.; per 100, \$7.00.



Spiraea (Astilbe)

### SNOWDROPS • Galanthus

One of the earliest bulbs to bloom in the spring. Thrives in both sun and shade and in almost any situation or soil. Excellent for banks, edgings, or the rockery. Perfectly hardy. Height, 6 to 8 in.

**Double.** Pure white. 55c. per doz.; per 100, \$4.00 (by Parcel Post, \$4.15); \$35.00 per 1000.

**Single.** Pure white. 40c. per doz.; per 100, \$3.00 (by Parcel Post, \$3.15); \$25.00 per 1000.

### SPIRAEA • Astilbe

Ready in December

This is a favorite Easter plant, rivaling the lily. If wanted for indoor blooming, pot the roots on arrival, water well and place outdoors for about 6 to 8 weeks. They may then be brought in and placed in a moderately warm room, the cooler, without freezing, however, the better. They can be made to flower almost any time by putting in a warmer place.

**America.** A beautiful lilac-rose variety having the same habit, large feathery panicles and forcing qualities as Gladstone. 75c. each; doz., \$8.00; \$55.00 per 100.

**Deutschland.** Purest white. Strong grower and good forcer. 75c. each; doz., \$8.00; \$55.00 per 100.

**Gladstone.** A very popular variety. Immense trusses of snow-white flowers, produced in great abundance. 90c. each; doz., \$9.00; \$65.00 per 100.

**Gloria Superba.** Dense, feathery plumes of a lovely brilliant dark pink color with a soft lilac shade. 75c. each; doz., \$8.00; \$55.00 per 100.

**Peach Blossom.** A very lovely shade of peach-blossom-pink. Very free-flowering variety. 75c. each; doz., \$8.00; \$55.00 per 100.

**Queen Alexandra.** Beautiful shade of pink. The plant should be shaded as it comes into bloom in order to bring the flower to full perfection. 75c. each; doz., \$8.00; \$55.00 per 100.

**Rhineland.** A very fine forcing variety. Flowers are bright crimson, shading to salmon. 75c. each; doz., \$8.00; \$55.00 per 100.

### TRITONIA CROCATA

**Prince of Orange.** A fine pot-plant, having the same characteristics as the freesia. Excellent for cutting, remaining in good condition for several days. Flowers orange-scarlet or flamed-red with transparent petals. Height, 12 to 15 in. 60c. per doz.; per 100, \$4.00 (by Parcel Post, \$4.15).

# Michell's "Distinctive" Flower Seeds

## FOR AUTUMN AND EARLY WINTER SOWING

The Perennial Flower Seeds listed in the following pages, if sown in the fall in a coldframe or a protected corner of the garden, will produce plants that will give excellent results the next season. Varieties marked \* are especially suited for rock-gardens.

FOR COMPLETE LIST OF FLOWER SEEDS, SEE OUR GENERAL CATALOG

### SPECIAL COLLECTION—HARDY PERENNIALS

One pkt. each of the following 13 choice varieties for \$1.00

Aquilegia	Coreopsis	Digitalis	Hollyhock
Campanula	Delphinium	Gaillardia	Lupins
Centaurea	Dianthus	Gypsophila	Sweet William
Chrysanthemum			

#### Achillea • Milfoil; Yarrow

**Millefolium rubrum.** Bright magenta-red. Perennial. 3 ft. Pkt., 10c.; 50c. per large pkt.

**Ptarmica, The Pearl.** Tall, erect, hardy perennial plants. Pure white, double flowers. 2½ ft. Pkt., 10c.; 75c. per large pkt.

#### Aconitum

##### Monkshood; Helmet Flower

Hardy perennial, thriving best in semi-shady situations. 3 ft. Aug., Sept.

**Fischeri.** Compact habit. Bright blue flowers. Pkt., 15c.; 75c. per large pkt.

**Napellus.** Long spikes of blue flowers. Pkt., 10c.; 50c. per large pkt.

**Wilsoni.** Rich blue flowers. 6 to 7 ft. Pkt., 15c.; 75c. per large pkt.

#### Adonis

**\*Vernalis.** Finely cut foliage. Bright yellow flowers. Perennial. 1 ft. Pkt., 10c.; 60c. per large pkt.

#### Agathaea

**Cœlestis.** Blue Daisy; Marguerite. Greenhouse perennial with beautiful blue flowers. 3 ft. Pkt., 10c.; 40c. per large pkt.

#### Agrostemma

##### Rose of Heaven; Mullein Pink

**Coronaria.** Silvery foliage and crimson flowers. Hardy perennial. 2½ to 3 ft. June-Aug. Pkt., 10c.; 25c. per large pkt.

#### Alyssum

**\*Rock-Garden Hybrids, Mixed.** A rare perennial species, excellent for the rock-garden. Pkt., 25c.; 75c. per large pkt.

**\*Saxatile compactum.** Basket of Gold. Golden yellow flowers. Hardy perennial. 1 ft. Pkt., 10c.; 30c. per large pkt.; oz., \$1.25.

**\*Saxatile compactum, Silver Queen.** Pale primrose-yellow. Pkt., 15c.; 40c. per large pkt.; oz., \$1.25.

#### Ampelopsis • Boston or Japanese Ivy

**Veitchi.** A hardy perennial climber with olive-green leaves, which turn to scarlet in the autumn. Pkt., 10c.; 25c. per large pkt.; oz., 40c.

#### Anchusa • Sea Bugloss

**Italica, Dropmore.** A hardy perennial plant, 4 feet high, with flowers of a lovely gentian-blue. Pkt., 10c.; 25c. per large pkt.

**Italica, New Hybrids.** A very attractive mixture. Pkt., 15c.; 60c. per large pkt.

**\*Myosotidiflora.** Small forget-me-not-blue flowers. Perennial. Fine for the rockery. 15 in. Pkt., 25c.; 75c. per large pkt.

#### Anemone • Windflower

A dainty spring-flowering perennial with cup-shaped blossoms. Fine for bouquets.

**Coronaria.** Mixed colors. 1 ft. Pkt., 10c.; 30c. per large pkt.

**\*Pulsatilla.** Pasque Flower. Violet-lilac. 1 ft. Pkt., 15c.; 75c. per large pkt.

**St. Brigid.** Poppy Anemone. Large, semi-double and double flowers in many colors. 1 ft. Pkt., 15c.; 50c. per large pkt.

#### Anthemis • Hardy Marguerite

A handsome, hardy perennial, bearing daisy-like flowers, excellent for cutting, all summer.

**\*Montana.** Pure white. 1 ft. Pkt., 10c.; 50c. per large pkt.

**Tinctoria Kelwayi.** Bright yellow. 2 ft. Pkt., 10c.; 25c. per large pkt.

#### Antirrhinum • Snapdragon

##### Special Forcing Varieties

**Afterglow.** Golden bronze. Large pkt. only, 85c.

**Bertha Baur.** (Schumann.) A new lavender or orchid color; large spikes. Large pkt. only, \$1.25.

**Captor.** Pure white; long spikes. Free bloomer. Large pkt. only, \$2.00.

**Celestial.** (Witterstaetter.) New. Early. Deep yellow. Large pkt. only, \$2.00.

**Ceylon Court.** Canary-yellow. Pkt., 25c.; 85c. per large pkt.

**Michell's New Improved Rustproof, Cheviot Maid Supreme.** We are proud to introduce this splendid new Snapdragon, which we believe to be the first rustproof variety in the forcing type. The color is a rich coral-rose, and the non-shattering, large florets are closely set on heavy spikes with good long wiry stems. Pkt., 25c.; 85c. per large pkt.

**Cincinnati.** Large, fragrant, light rose-pink blooms. Large pkt. only, \$1.25.

**Coate's Yellow Perfection.** Fine, deep yellow. Medium early. Large pkt. only, 85c.

**Daybreak.** Strong, vigorous pink sort, identical in shade with Briarcliff rose. Large pkt. only, \$2.00.

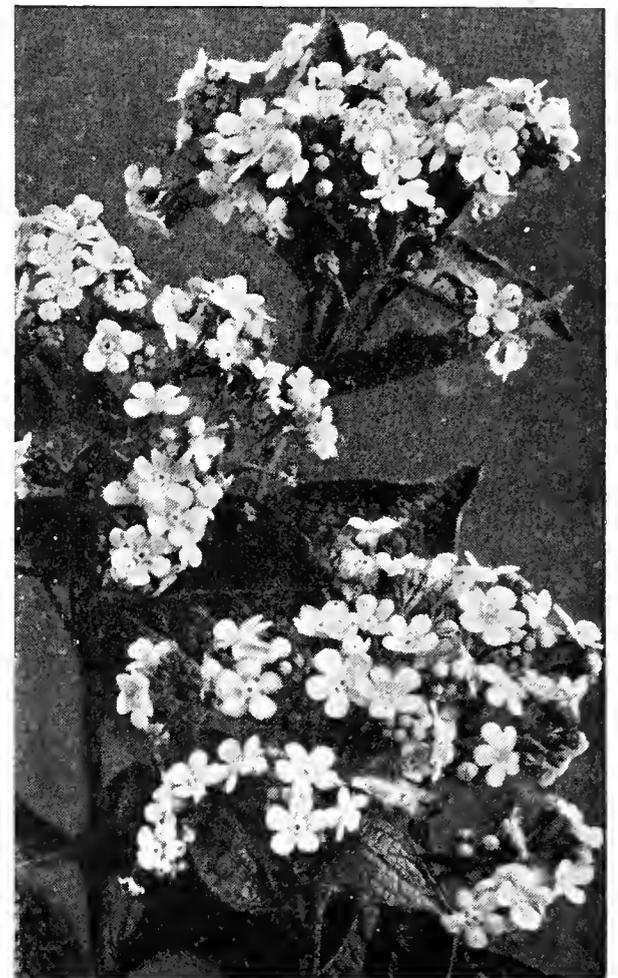
**Helen.** Lovely salmon color. Large pkt. only, 85c.

**Jennie Schneider.** True pink Columbia rose color. Pkt., 25c.; 75c. per large pkt.

**Judd's Early Light Pink.** Pkt., 25c.; 85c. per large pkt.

**Lucky Strike.** The best large-flowering white to date. Stems 3 to 4 feet long. Large pkt. only, 85c.

**New Deal.** An extra-early, fragrant, rich golden bronze sort. Large pkt. only, \$1.25.



Anchusa myosotidiflora

#### ANTIRRHINUM, continued

**Philadelphia Pink.** Pure pink. Pkt., 25c.; 75c. per large pkt.

**Philadelphia Pink, Original Stock.** Large pkt. only, \$1.25.

**Radiance.** A fine large-flowering rose-pink sort. Large pkt. only, \$1.25.

**Roman Gold.** Golden yellow, suffused pink. Pkt., 25c.; \$1.00 per large pkt.

**Rose Queen.** Dark pink. Large pkt. only, 85c.

**Sun Tan.** Rose and tan color. Large pkt. only, 85c.

**Terry's Surprise.** Rich rose shaded bronze. Large pkt. only, \$1.25.

**White Prosperity.** A long-stemmed, clear white variety. Large pkt. only, \$2.00.

**White Rock.** An extra-early pure white sort. Pkt., 25c.; 75c. per large pkt.

**Special Forcing, Mixed.** Pkt., 25c.; 75c. per large pkt.

#### \*Rock Hybrid Snapdragons

The very early-flowering plants are of dwarf, compact growth and especially adapted for growing in rock-gardens. Choice mixed colors. Pkt., 25c.; 75c. per large pkt.

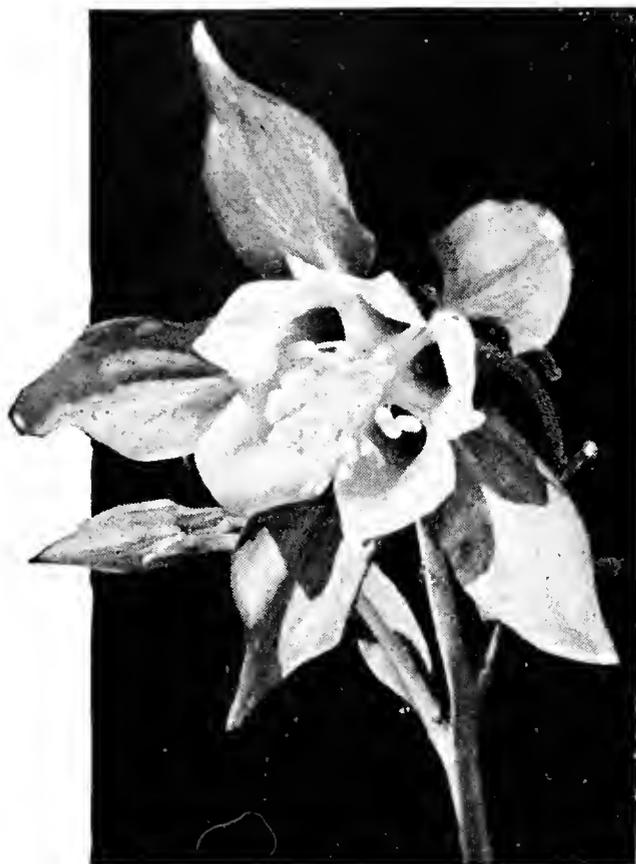
#### Armeria • Sea Pink; Thrift

**Formosa.** A pretty hardy perennial for edgings, with deep pink flowers. 2 ft. Pkt., 10c.; 40c. per large pkt.

**\*Lauchena.** Flowers bright rosy red. A good perennial rock-plant. 6 in. Pkt., 15c.; 60c. per large pkt.

Varieties marked \* are especially suitable for rock-gardens

MICHELL'S "DISTINCTIVE" FLOWER SEEDS



Aquilegia, Crimson Star

Aquilegia • Columbine

These beautiful spring and early summer flowers are very effective in the herbaceous border and among shrubbery. The graceful, spurred flowers are borne on stems 2 feet above the fern-like foliage.

**Crimson Star.** This new, long-spurred variety is outstanding. The color combination is remarkable—a rich blood-red with the center petals pure white. Pkt., 25c.; 75c. per large pkt.

\***Alpina.** Blue and white. Fine for rock-gardens. 1½ ft. Pkt., 10c.; 50c. per large pkt.

**Californica hybrida.** Mixed colors. Long spurs. Pkt., 10c.; 50c. per large pkt.

**Canadensis.** The scarlet and yellow native species. Pkt., 10c.; 60c. per large pkt.

**Chrysantha.** Golden spurred Columbine. Bright golden yellow. Pkt., 10c.; 50c. per large pkt.

**Coerulea.** Rocky Mountain Columbine. Large violet-blue and white flowers. Pkt., 10c.; 60c. per large pkt.

**Nivea grandiflora.** Beautiful, large, pure white flowers. Pkt., 10c.; 40c. per large pkt.

**Rose Queen.** Pink, white center, yellow anthers. Pkt., 15c.; 75c. per large pkt.

**Double Mixed.** All colors. Pkt., 10c.; 25c. per large pkt.; oz., 75c.

**Single Mixed.** All colors. Pkt., 10c.; 25c. per large pkt.; oz., 75c.

Select Long-Spurred Aquilegia

An extra-fine strain, producing large flowers, varying in color through many shades.

**Blue Shades.** Pkt., 25c.; 75c. per large pkt.

**Orange and Scarlet Shades.** Pkt., 25c.; 75c. per large pkt.

**Pink and Rose Shades.** Pkt., 25c.; 75c. per large pkt.

**Snow Queen.** Pure white. Pkt., 25c.; 75c. per large pkt.

**Mrs. Scott Elliott's Select Strain.** Choice mixed. Pkt., 25c.; 85c. per large pkt.

**Hybrids.** Mixed colors. Pkt., 10c.; 60c. per large pkt.

Arabis • Rock-Cress

\***Alpina.** Early spring-flowering perennial especially adapted for edging and rockery. Pure white blossoms. 1 ft. April, May. Pkt., 10c.; 25c. per large pkt.

\***Alpina rosea.** Bright rose. Very dwarf. 8 in. Pkt., 25c.; \$1.00 per large pkt.

Asclepias • Butterfly Weed

**Tuberosa.** Showy perennial. Brilliant orange-scarlet flowers. 2 ft. Pkt., 15c.; 60c. per large pkt.

Asperula • Woodruff

**Odorata.** A pretty hardy perennial, thriving in partial shade. Flowers white. 1 ft. May. Pkt., 10c.; 30c. per large pkt.

Perennial Aster • Michaelmas Daisy

**Wartburg Star.** Large lavender-blue flowers on 2-foot stems. Pkt., 25c.; 75c. per large pkt.

**Choice Mixed.** One of the showiest of our late-flowering perennial plants. Star-like, single flowers in many beautiful shades. 3 ft. Pkt., 10c.; 60c. per large pkt.

Rock Aster

\***Alpinus.** Purple with large yellow center. 1 ft. Pkt., 15c.; 60c. per large pkt.

\***Alpinus albus.** White with large yellow center. Pkt., 15c.; 60c. per large pkt.

Aubrietia • Rainbow Rock-Cress

A dwarf, spring-flowering perennial, growing about 6 inches high. Fine for rockeries.

\***Bougainvillei.** Dark blue. Pkt., 15c.; 75c. per large pkt.

\***Deltoides.** Lavender-blue. Pkt., 15c.; 60c. per large pkt.

\***Leichtlini.** Rosy purple. Pkt., 15c.; 75c. per large pkt.

\***New Large-flowering Hybrids.** Mixed. Pkt., 15c.; 75c. per large pkt.

Auricula • Primula Auricula

**Choice Mixed.** Early spring-flowering plants for borders, pot-culture, etc. Half-hardy perennial. 6 in. May. Pkt., 10c.; 75c. per large pkt.

Baptisia • False Indigo

**Australis.** A strong-growing perennial, 2 feet high, with spikes of dark blue, pea-shaped flowers in June and July. Pkt., 10c.; 50c. per large pkt.

Calceolaria

Excellent plants for decorating the greenhouse or conservatory, producing a mass of pocket-like flowers.

**New Calceolaria, Michell's Ramona.**

This is a *Hybrida grandiflora nana* type, which we are introducing, and we are convinced that it will become very popular as a greenhouse plant. It is exceptionally free flowering, of dwarf, compact habit. The flowers are large, well shaped, and beautifully tigered, and the mixture contains a fine range of colors in bronze, yellow, and red. Pkt., 50c.; \$1.25 per large pkt.

**Feltham Glory.** An attractive variety of fairly dwarf, compact habit in an excellent color-range from bright scarlet to pure yellow, in self and spotted forms. Pkt., 50c.; \$1.25 per large pkt.

CALCEOLARIA, continued

**Golden Tiger.** A new *Multiflora Nana* type. Bright golden yellow flowers, spotted brownish red, produced in masses that completely cover the plant, making it a splendid pot-plant for florists' use. Pkt., 50c.; \$1.25 per large pkt.

**Kelway's Perfect Model.** *Originator's Stock.* A very beautiful variety of the large-flowering type, containing a fine range of shades and markings, self-spotted, brownish and striped. Pkt., 50c.; \$1.25 per large pkt.

**Albert Kent Hybrids.** A fine English variety for either greenhouse or outdoor culture. Flowers medium in size and produced in large, graceful clusters in an excellent mixture. Pkt., 50c.; 85c. per large pkt.

**Hybrida grandiflora, Tall Mixed.** Large, self-colored flowers from a choice collection. 1½ ft. Pkt., 25c.; 85c. per large pkt.

**Hybrida grandiflora pumila compacta.** Of dwarf, compact growth. Immense trusses of large, self-colored and spotted flowers. 1 ft. Pkt., 25c.; 85c. per large pkt.

Campanula Medium

Canterbury Bells

Showy, hardy biennial, growing about 3 feet high, with large bell-shaped flowers.

	Pkt.	Large pkt.	Oz.
<b>Single Blue</b> .....	\$0 10	\$0 25	\$0 60
<b>Single Pink</b> .....	10	25	60
<b>Single White</b> .....	10	25	60
<b>Single Mixed</b> .....	10	25	60
<b>Double Blue</b> .....	10	40	
<b>Double Pink</b> .....	10	40	
<b>Double White</b> .....	10	40	
<b>Double Mixed</b> .....	10	30	1 50

Campanula Medium calycanthema

Cup-and-Saucer Canterbury Bells

These produce large, single flowers resembling a cup and saucer.

	Pkt.	Large pkt.	¼oz.
<b>Blue</b> .....	\$0 10	\$0 50	
<b>Lilac</b> .....	10	50	
<b>Pink</b> .....	10	50	
<b>White</b> .....	10	50	
<b>Mixed</b> .....	10	40	\$0 60

Campanula • Bellflower

Perennial Varieties

Well-known, hardy, herbaceous perennials, bearing a profusion of beautiful bell-shaped flowers.

\***Carpatica.** Carpathian Harebell. Flowers clear blue. Fine for edging. 6 in. June, July. Pkt., 10c.; 30c. per large pkt.

\***Carpatica alba.** Pure white. Pkt., 10c.; 30c. per large pkt.

**Latifolia macrantha.** Large purplish blue flowers. 2 ft. Pkt., 10c.; 50c. per large pkt.

**Persicifolia grandiflora.** Peach Bells. Spikes 4 feet tall of bell-shaped, blue flowers. Pkt., 15c.; 50c. per large pkt.

**Persicifolia grandiflora alba.** Pure white. Pkt., 15c.; 50c. per large pkt.

**Persicifolia Moerheimi.** Semi-double; pure white. 2 ft. Pkt., 25c.; 75c. per large pkt.

**Persicifolia, Telham Beauty.** Large, china-blue bells. 2½ ft. Pkt., 35c.; \$1.00 per large pkt.

**Pyramidalis, Mixed.** Pkt., 10c.; 40c. per large pkt.

For complete list of flower seeds, see our general catalog

There's nothing like Bachelor's Buttons for a gentleman's boutonniere

## MICHELL'S "DISTINCTIVE" FLOWER SEEDS

### Candytuft • Iberis

- \***Gibraltarica.** Perennial. Lilac, shading to white. Pkt., 10c.; 40c. per large pkt.
- \***Sempervirens.** Dwarf, spring-flowering perennial. Flowers glistening white. 1 ft. May. Pkt., 10c.; 60c. per large pkt.
- \***Tenoreana.** Dwarf. Lilac and white. Pkt., 10c.; 40c. per large pkt.

### Carnation

#### Annual Varieties

Their richness of color and delightful fragrance make these general favorites. Desirable for greenhouse culture in winter as well as for the garden in summer.

- Rasse Teicher.** A new annual European variety with large blooms, fine for cutting. Choice mixture. Pkt., 25c.; \$1.00 per large pkt.
- Chabaud's Everblooming, Jeanne Dionis.** White. Pkt., 15c.; 60c. per large pkt.
- Chabaud's Everblooming, Marie Chabaud.** Yellow. Pkt., 15c.; 60c. per large pkt.
- Chabaud's Everblooming, Sparkler.** Cardinal-red. Pkt., 15c.; 60c. per large pkt.
- Chabaud's Everblooming, The Pearl.** Rose-pink. Pkt., 15c.; 60c. per large pkt.
- Chabaud's Everblooming, Choice Mixed.** Pkt., 15c.; 50c. per large pkt.

#### Perennial Varieties

The Grenadin Carnation is a splendid, early-blooming, large-flowering type. Fine for cut-flowers.

- Grenadin, Black King.** A fine dark red. Pkt., 25c.; 60c. per large pkt.
- Grenadin, Cardinal.** Brilliant scarlet. Pkt., 25c.; 60c. per large pkt.
- Grenadin, Triumph Pink.** Pure rose-pink. Pkt., 25c.; 60c. per large pkt.
- Grenadin, White.** Snow-white. Pkt., 25c.; 60c. per large pkt.
- Grenadin, White Gold.** Soft yellow. Pkt., 25c.; 60c. per large pkt.
- Grenadin, Mixed.** Pkt., 25c.; 50c. per large pkt.
- Double Border.** Dwarf. Fine mixed. Pkt., 10c.; 50c. per large pkt.
- Early Vienna, Mixed.** Large, double flowers. Pkt., 10c.; 50c. per large pkt.

### Catananche

- Coerulea.** Perennial. Blue with dark eye. Excellent for cutting. 2½ ft. Pkt., 10c.; 50c. per large pkt.

### Centaurea cyanus

#### Cornflower; Bachelor's Button

Also known as Blue Bottle, Ragged Sailor, Bluet, etc. An old favorite garden annual, excellent for cutting. 2 ft. This type of *Centaurea* can be grown quite successfully if the seed is sown in October. Fall-sown seedlings carry over the winter and flower very much earlier than when the seed is sown in the spring.

- Double Blue.** Pkt., 10c.; 25c. per large pkt.; oz., 60c.
- Double Rose.** Pkt., 10c.; 25c. per large pkt.; oz., 60c.
- Double Rosy Red.** Pkt., 10c.; 25c. per large pkt.; oz., 60c.
- Double White.** Pkt., 10c.; 25c. per large pkt.; oz., 60c.
- Double Mixed.** Pkt., 10c.; 25c. per large pkt.; oz., 40c.

#### Perennial

- Macrocephala.** Golden yellow. 3 ft. Pkt., 10c.; 40c. per large pkt.
- Montana.** Hardy Cornflower. Large, feathery blue flowers, splendid for cutting. 2 ft. Pkt., 10c.; 25c. per large pkt.

### Cerastium • Snow-in-Summer

- \***Tomentosum.** Dwarf, white-leaved edging plant. Small white flowers. Perennial. 4 in. Pkt., 10c.; 40c. per large pkt.

### Cheiranthus

- \***Allionii.** Siberian Wallflower. A biennial, but best treated as an annual. Brilliant orange flowers. Pkt., 10c.; 25c. per large pkt.

### Chelone

A very showy perennial bedding plant. 2 ft. June-Aug.

- Hybrida Torreyi.** Brilliant scarlet. Pkt., 10c.; 30c. per large pkt.
- Hybrida, Mixed.** Various colors. Pkt., 10c.; 30c. per large pkt.

### Perennial Chrysanthemums

- Geisha.** Cascade Japanese Balcony Chrysanthemum. Single-flowering. Mixed colors. Pkt., 25c.; 75c. per large pkt.
- Japanese Hybrids.** Large flowers of the finest types. Pkt., 15c.; 60c. per large pkt.
- Early-flowering, Double and Semi-Double.** Mixed colors. Very showy. Excellent for cutting. 1 ft. Pkt., 25c.; 75c. per large pkt.
- \***Mawi.** Rich pink flowers. Silvery foliage. Ideal for borders or the rockery. 1 ft. Pkt., 25c.; 75c. per large pkt.
- Shasta Daisy, New Giant Double White.** A fine new variety. Flowers extra large; fine for cutting. Pkt., 25c.; 75c. per large pkt.
- Shasta Daisy, Alaska.** Extra-large, single, white flowers on long stems. 2 ft. Pkt., 10c.; 40c. per large pkt.
- Shasta Daisy, Conqueror.** Giant, single, pure white flowers. Pkt., 10c.; 30c. per large pkt.

### Cineraria

Among the most ornamental plants for conservatory or house decoration. Sow seed from May to September for a succession. Our strains cannot be surpassed. Immense trusses of large flowers.

#### Cremer's Prize Strain

##### Wilt-resistant

This new strain is the result of a cross between *C. multiflora nana*, *C. hybrida grandiflora*, and *C. stellata*. The flowers are larger than *Multiflora*. Plants compact. Large pkt. only, \$2.00.

#### Multiflora

- Weissenseer (White Sea).** A new variety with flowers almost twice the size of the regular Multiflora strain, in a splendid range of blue, rose and white shades, with white zone centers. Pkt., 50c.; \$1.00 per large pkt.

- Grandiflora Maxima.** Flowers extra large, 2 to 3 inches across, and as many as 100 blooms and over to a plant. Mixed colors only. Pkt., 50c.; 85c. per large pkt.

#### Multiflora nana

##### Berlin Market Strain

Very dwarf, compact plants with large flowers produced in great profusion and in a range of the best colors and shades.

- Mixed Colors.** Pkt., 50c.; 85c. per large pkt.

#### Grandiflora, Prize

- Dwarf.** Mixed colors. Pkt., 35c.; 85c. per large pkt.
- Medium Tall.** Mixed colors. Pkt., 35c.; 85c. per large pkt.
- Stellata Hybrida.** Star Cineraria. Tall, mixed. Pkt., 25c.; 75c. per large pkt.

### Clematis

- Paniculata.** Japanese Virgin's Bower. The beautiful, autumn-flowering perennial climber admired for its fragrant, white, star-shaped flowers. Pkt., 10c.; 25c. per large pkt.

### Coreopsis

One of the most popular perennials. The attractive flowers are borne in great profusion and are excellent for cutting.

- Lanceolata grandiflora.** Golden yellow. Pkt., 10c.; 25c. per large pkt.; oz., 50c.

- Lanceolata grandiflora fl.-pl.** Double-flowering Coreopsis. Flowers double and semi-double, fine for cutting. Pkt., 10c.; 30c. per large pkt.; oz., \$1.00.

- Mayfield Giant.** Extra-large flowers. Plants tall and of vigorous growth. Pkt., 10c.; 30c. per large pkt.; oz., \$1.00.

### Cyclamen

Beautiful winter- and spring-flowering plants for window culture and greenhouse. Not only are the flowers of striking beauty, but the foliage is also highly ornamental.

#### Michell's Giant Show

Grown for us by a specialist who has received numerous first prizes for the large size and beautiful coloring of the flowers.

- Mixed.** All colors. Pkt., 40c.; \$2.00 per 100 seeds.

### English Double Daisy

#### Bellis perennis

The *Monstrosa* varieties surpass all strains of this popular plant in strong, robust growth and in the abundance of extra-large, perfectly double flowers.

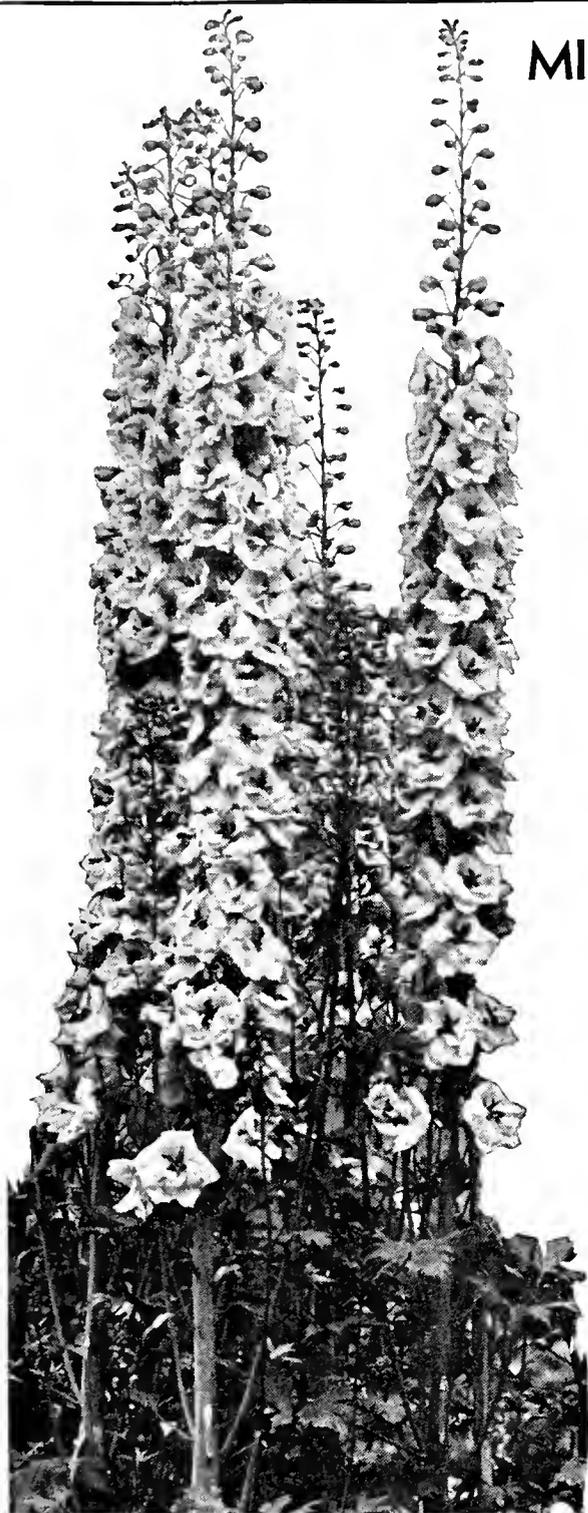
- \***Monstrosa, Etna.** Dark red. Pkt., 25c.; 75c. per large pkt.
- \***Monstrosa, Pink.** Pkt., 25c.; 60c. per large pkt.
- \***Monstrosa, White.** Pkt., 25c.; 60c. per large pkt.
- \***Monstrosa, Mixed.** Pkt., 25c.; 60c. per large pkt.
- \***Double Mixed.** Extra fine. Pkt., 10c.; 50c. per large pkt.



Perennial Chrysanthemum

Varieties marked \* are especially suitable for rock-gardens

## MICHELL'S "DISTINCTIVE" FLOWER SEEDS



Wrexham Delphiniums

### Delphinium

#### Hardy Perennial Larkspur

Among the finest hardy perennials and very effective in beds, masses, or borders. If the old flower-stems are cut off after they have faded, new shoots will produce flower-heads successively.

**New Giant Pacific Hybrids.** This splendid new strain is, without doubt, the finest in existence. The spikes are strong and closely set, and the flowers are as large as a silver dollar. It is practically immune from mildew, and is proving a splendid variety for cut-flower purposes. We offer the originator's stock seed only.

**Dark Blue Shades.** Pkt., 50c.; \$1.50 per large pkt.

**Light Blue Shades.** Pkt., 50c.; \$1.50 per large pkt.

**White Majesty.** Pkt., 50c.; \$2.00 per large pkt.

**Mixed.** Pkt., 40c.; \$1.25 per large pkt.

**English Hollyhock, Watkin Samuels' Wrexham Strain.** The finest large-flowered type to date. Immense spikes.

**Art Shades.** Pkt., 50c.; \$1.00 per large pkt.

**Deep Blue Shades.** Pkt., 50c.; \$1.00 per large pkt.

**Light Blue Shades.** Pkt., 50c.; \$1.00 per large pkt.

**Selected Mixture.** Pkt., 50c.; 75c. per large pkt.; 1/8oz., \$1.00.

### DELPHINIUM, continued

**Summer Cloud.** A fine new, pure white type, growing to the same height as the Hybrid Delphiniums. Excellent for cutting. Pkt., 25c.; 75c. per large pkt.

**Blackmore & Langdon's Imported Strain.** A selected English variety with immense spikes of very large flowers. Choice mixture. Pkt., 25c.; 75c. per large pkt.

**Belladonna.** One of the most continuous blooming varieties. Medium spikes of clear turquoise-blue. 5 ft. Pkt., 25c.; 60c. per large pkt.

**Bellamosum.** A rich, deep blue form of the popular light blue Belladonna. Pkt., 25c.; 60c. per large pkt.

**Cardinale.** Very large, brilliant scarlet flowers. 3 to 4 ft. Pkt., 25c.; 60c. per large pkt.

**Chinense grandiflorum, Blue.** A dwarf strain with loose branches and sprays of bright blue flowers. 2 ft. Pkt., 10c.; 30c. per large pkt.; oz., \$1.25.

**Chinense grandiflorum album.** Pure white flowers. Pkt., 10c.; 30c. per large pkt.; oz., \$1.25.

**Gold Medal Hybrids.** An extra-fine strain producing long spikes of large flowers in many shades of blue. Pkt., 10c.; 40c. per large pkt.; oz., \$1.50.

### Dianthus

**Sweet Wivelsfield.** An annual hybrid, the result of a cross between *D. Allwoodi* and *D. barbatus*. Produces flowers in a great variation of colors. Pkt., 15c.; 40c. per large pkt.

### Dianthus • Hardy Garden Pinks

Elegant summer-flowering border plants, producing a wealth of deliciously fragrant flowers.

**\*Allwoodi alpinus.** A perfect gem for the rock-garden, only 4 to 6 inches high. Choice colors. Pkt., 25c.; 75c. per large pkt.

**\*Plumarius, Cyclops.** Single perpetual Grass Pinks. Assorted colors with blood-red eye. Pkt., 15c.; 40c. per large pkt.

**\*Cæsius.** Cheddar Pink. Masses of pink flowers. Pkt., 10c.; 50c. per large pkt.

**Clove-scented.** Double and semi-double varieties in beautiful colors; fragrant. Pkt., 10c.; 50c. per large pkt.

**\*Deltoides, Brilliant.** Maiden Pink. Dwarf. Brilliant carmine. Pkt., 15c.; 50c. per large pkt.

**Double Scotch.** Choice colors. Pkt., 10c.; 50c. per large pkt.

**Latifolius fl.-pl.** Everblooming Hybrid Sweet William. Velvety crimson-scarlet. Pkt., 10c.; 30c. per large pkt.

**Loveliness.** New. An exquisite, single, mauve-pink sort, with delightful fragrance. Pkt., 25c.; 75c. per large pkt.

**Mrs. Sinkins.** Large, double pure white flowers. Pkt., 25c.; 75c. per large pkt.

**Pheasant's Eye.** Single; fringed. Mixed. Pkt., 10c.; 25c. per large pkt.; oz., 75c.

**\*Rock-Garden Species.** A special mixture of 25 rare varieties. Pkt., 25c.; 75c. per large pkt.

### Digitalis • Foxglove

Ornamental hardy plants, succeeding almost anywhere. Long spikes of beautiful, tubular-shaped flowers. 4 to 5 ft.

**Giant Shirley, Mixed.** A splendid giant strain, growing 3 to 5 feet high, with enormous spiked flowers. Pkt., 10c.; 30c. per large pkt.

**Gloxiniæflora, Pink.** Pkt., 10c.; 30c. per large pkt.; oz., 90c.

**Gloxiniæflora, Purple.** Pkt., 10c.; 30c. per large pkt.; oz., 90c.

**Gloxiniæflora, White.** Pkt., 10c.; 30c. per large pkt.; oz., 90c.

**Gloxiniæflora, Mixed.** Pkt., 10c.; 25c. per large pkt.; oz., 75c.

**Grandiflora.** Light yellow. Pkt., 10c.; 40c. per large pkt.; oz., \$1.50.

**Monstrosa.** Mammoth spikes; various colors. Pkt., 15c.; 30c. per large pkt.; oz., \$1.25.

### Dictamnus • Gas Plant

**Fraxinella.** Showy, bushy perennials, 2½ feet high. Purplish red flowers. June, July. Pkt., 10c.; 50c. per large pkt.

### Echinops • Globe Thistle

**Ritro.** Hardy perennial with thistle-like leaves and round heads of steel-blue flowers. 5 ft. Pkt., 10c.; 25c. per large pkt.

### Edelweiss • Leontopodium

**\*Alpinum.** A fine perennial rock-plant, with silvery white flowers. Pkt., 25c.; 75c. per large pkt.

### Erigeron • Fleabane

**Speciosus grandiflorus.** A summer-flowering perennial plant, with large, rosy lilac, aster-like flowers. 2 ft. Pkt., 10c.; 60c. per large pkt.

### Erinus

**\*Alpinus, Mixed.** A fine spring-blooming perennial rock-plant. Pkt., 25c.; \$1.00 per large pkt.

### Eryngium • Sea-Holly

A handsome ornamental perennial plant with round heads of flowers, which can be cut and dried for winter bouquets.

**Amethystinum.** Metallic blue flowers. 3 ft. Pkt., 15c.; 60c. per large pkt.

### Eupatorium

**Fraseri.** A fine hardy perennial, thriving in almost any situation. Feathery white flowers. Excellent for cutting. 2 ft. Pkt., 10c.; 40c. per large pkt.

### Gaillardia grandiflora

#### Blanket Flower

#### Perennial Varieties

One of the most showy hardy perennials, with spikes of gorgeously colored flowers of immense size. Fine for cutting.

**Burgundy.** Bright copper-red blooms on long stems. Very free flowering. Comes 60 to 80 per cent true from seed. Pkt., 25c.; 60c. per large pkt.

**Grandiflora, Goblin.** A new, dwarf, compact variety especially suited for the rock-garden. The plants attain a height of 12 to 15 inches and are covered with large, showy, deep red flowers. Pkt., 25c.; 75c. per large pkt.

**Portola Hybrids.** Colors range through shades of bronzy red with golden tipped petals. Pkt., 15c.; 40c. per large pkt.

**Tangerine.** Giant orange flowers, overlaid with red. Pkt., 25c.; 50c. per large pkt.

**Semi-Double.** Mixed. Pkt., 10c.; 30c. per large pkt.

**Superba.** Mixed. 2 ft. Pkt., 10c.; 25c. per large pkt.; oz., 75c.

### Gerbera • Transvaal Daisy

**Jamesoni hybrida.** A fine greenhouse perennial with large, fine-leaved, daisy-like flowers in a wonderful range of brilliant colors and shades. Excellent for pot-plants or cutting. Pkt., 25c.; 60c. per 100 seeds.

# Rows of stately Hollyhocks make ideal backgrounds

## MICHELL'S "DISTINCTIVE" FLOWER SEEDS

### Gentiana • Blue Gentian

\***Acaulis.** Dwarf, hardy perennial with deep blue flowers. Suited to moist, shady situations. Pkt., 10c.; 75c. per large pkt.

### Geum

Hardy perennials bearing large, double flowers all through the summer. Fine for bouquets. 1½ ft.

**Atrosanguineum fl.-pl.** Dark crimson. Pkt., 10c.; 50c. per large pkt.

**Lady Stratheden.** Golden yellow. Pkt., 25c.; 60c. per large pkt.

**Mrs. Bradshaw.** Brilliant scarlet. Color illustration on insert. Pkt., 15c.; 60c. per large pkt.

### Gloxinia

**Hybrida grandiflora.** An extra-fine strain, embracing all the choicest self-colored and tigered and spotted flowers. Pkt., 25c.; 85c. per large pkt.

### Gypsophila • Baby's Breath

**Oldhamiana.** Hardy type. Bright pink, fragrant flowers. Pkt., 10c.; 50c. per large pkt.

**Paniculata.** Hardy perennial variety with white flowers in graceful sprays. Pkt., 10c.; 25c. per large pkt.; oz., 60c.

**Paniculata fl.-pl.** Double white flowers. Pkt., 20c.; 75c. per large pkt.

\***Repens.** A fine rockery plant, covered with tiny white flowers. Pkt., 10c.; 40c. per large pkt.

\***Repens rosea.** Pinkish white flowers. Pkt., 10c.; 50c. per large pkt.

### Helenium • Sneezewort

**Autumnale superbum.** Perennial. Large heads of golden yellow flowers. 3 to 5 ft. Pkt., 20c.; 75c. per large pkt.

### Helianthemum • Rock or Sun Rose

\***Mutabile.** A very pretty perennial for the rockery, covered with masses of bloom from June to July. Choice mixed varieties. Pkt., 15c.; 40c. per large pkt.

### Heliopsis • Orange Sunflower

A handsome, hardy perennial, excellent for cutting.

**Scabra zinniaeflora.** Semi-double; yellow. 3 ft. Pkt., 10c.; 40c. per large pkt.

**Soleil d'Or.** Double; golden yellow. 5 ft. Pkt., 10c.; 30c. per large pkt.

### Helleborus

**Niger.** Christmas Rose. Perennial. Seed germinates slowly. 15 in. Pkt., 10c.; 40c. per large pkt.

### Heuchera • Coral Bells; Alum-Root

A fine hardy perennial, good for cutting.

**Brizoides.** Bright rose-color. 2½ ft. Pkt., 15c.; 75c. per large pkt.

**Sanguinea.** Vivid crimson flowers. 1 ft. Pkt., 15c.; 75c. per large pkt.

### Hibiscus • Marshmallow

A very showy perennial, growing 4 feet high. Flowers often 10 to 12 inches in diameter.

	Pkt.	Large pkt.
<b>Giant Dark Red</b> .....	\$0 10	\$0 25
<b>Giant Pink</b> .....	10	25
<b>Giant White</b> .....	10	25
<b>Giant Choice Mixed</b> .....	10	25

### Hollyhock

A popular and desirable hardy perennial plant succeeding best in rich, well-drained soil. Excellent for planting among shrubbery or forming a background for other flowers. Seed sown any time before midsummer will produce fine plants for blooming the following summer. 6 to 7 ft.

**Triumph.** A fine type of branching habit, 4 to 5 feet high, and flowering 10 days earlier than the common Hollyhock. Choice mixed colors. Pkt., 25c.; 60c. per large pkt.

**Double Everblooming, Mixed.** Pkt., 10c.; 25c. per large pkt.; oz., 75c.

**Chater's Double Maroon.** Pkt., 10c.; 50c. per large pkt.; oz., \$2.00.

**Chater's Double Newport Pink.** Pure pink. Pkt., 10c.; 50c. per large pkt.; oz., \$2.25.

**Chater's Double Pink.** Pkt., 10c.; 50c. per large pkt.; oz., \$2.00.

**Chater's Double Red.** Pkt., 10c.; 50c. per large pkt.; oz., \$2.00.

**Chater's Double Salmon.** Pkt., 10c.; 50c. per large pkt.; oz., \$2.00.

**Chater's Double White.** Pkt., 10c.; 50c. per large pkt.; oz., \$2.00.

**Chater's Double Yellow.** Pkt., 10c.; 50c. per large pkt.; oz., \$2.00.

**Chater's Double Mixed.** Pkt., 10c.; 40c. per large pkt.; oz., \$1.50.

Collection: One pkt. each of 6 colors, 50c.

### Single Hollyhock

	Pkt.	Large pkt.	Oz.
<b>Mixed Colors</b> .....	\$0 10	\$0 25	\$0 75

### Honesty • Lunaria; Moonwort

**Biennis alba.** Hardy biennial admired for its silvery seed-pods. Beautiful and curious. 2 ft. Pkt., 10c.; 25c. per large pkt.

### Incarvillea

**Delavayi.** Hardy Gloxinia. A good plant for the hardy border. Showy gloxinia-like flowers. Protect over winter. Perennial. 2 ft. Pkt., 25c.; 75c. per large pkt.

### Larkspur (Annual)

The seed of this popular annual can be sown in September. The seedlings will carry quite successfully over the winter, flowering early the following season. Fern-like foliage and slender spikes with double rosette flowers; fine for cutting or garden decoration.

### Giant Imperial

This new group of Larkspurs is identical in branching habit with the Giant Imperial stock. Flowers very double. Plants of robust growth.

**Blue Bell.** Clear light blue. Pkt., 15c.; 40c. per large pkt.

**Blue Spire.** An intense deep Oxford blue. Pkt., 15c.; 40c. per large pkt.

**Carmine King.** Rich carmine. Pkt., 15c.; 40c. per large pkt.

**Exquisite Rose.** Beautiful shade of rose-pink. Pkt., 15c.; 40c. per large pkt.

**Gloria.** Fine deep rose. Pkt., 15c.; 40c. per large pkt.

**Lilac Queen.** Rich lilac, shading lavender-blue. Pkt., 15c.; 40c. per large pkt.

**Lilac Spire.** Bright lilac. Pkt., 15c.; 40c. per large pkt.

**Los Angeles.** A pleasing rich salmon overlaid with brilliant rose. Pkt., 15c.; 40c. per large pkt.

**Sweet Lavender.** Light lavender-blue. Pkt., 15c.; 40c. per large pkt.

**White King.** Novelty. All-America winner. Giant, pure white flowers on long spikes. Pkt., 15c.; 40c. per large pkt.

**White Spire.** A dazzling pure white. Pkt., 15c.; 40c. per large pkt.

**Choice Mixed.** Pkt., 15c.; 30c. per large pkt.

### Tall Double Stock-Flowered Larkspur

Plants branch freely, bearing long spikes of beautiful double flowers. 2½ ft.

**Dark Blue.** Pkt., 10c.; 25c. per large pkt.; oz., 75c.

**Exquisite Pink.** An extra-fine variety. Beautiful soft pink shade. Pkt., 10c.; 25c. per large pkt.; oz., 75c.

**Lilac.** Pkt., 10c.; 25c. per large pkt.; oz., 75c.

**Lustrous Carmine.** Newport Pink. Pkt., 10c.; 25c. per large pkt.; oz., 75c.

**Shell-Pink.** Pkt., 10c.; 25c. per large pkt.; oz., 75c.

**Sky-Blue.** Pkt., 10c.; 25c. per large pkt.; oz., 75c.

**White.** Pkt., 10c.; 25c. per large pkt.; oz., 75c.

**Mixed.** All colors. Pkt., 10c.; 25c. per large pkt.; oz., 60c.

### Lathyrus latifolius

#### Everlasting or Perennial Pea

Showy, hardy perennial climber. Fine for covering walls, stumps, fences, etc. Excellent for cutting. 6 to 8 ft.

**Crimson.** Brilliant. Pkt., 10c.; 25c. per large pkt.; oz., 75c.

**Pink Beauty.** Bright rosy pink. Pkt., 10c.; 25c. per large pkt.; oz., 75c.

**White.** Pkt., 10c.; 25c. per large pkt.; oz., 75c.

**Choice Mixed.** All colors. Pkt., 10c.; 25c. per large pkt.; oz., 60c.



Giant Imperial, White King Larkspur

Varieties marked \* are especially suitable for rock-gardens

MICHELL'S "DISTINCTIVE" FLOWER SEEDS



Lupinus polyphyllus

**Lupinus polyphyllus**  
Perennial Varieties

Graceful spikes of pea-shaped flowers. Excellent for cutting. 2 to 3 ft. May, June. Color illustration on insert.

- Blue.** Pkt., 10c.; 25c. per large pkt.
- Luteus.** Yellow shades. Pkt., 15c.; 40c. per large pkt.
- Moerheimi.** Pink and white. Pkt., 15c.; 30c. per large pkt.
- Roseus.** Pink. Pkt., 10c.; 25c. per large pkt.
- Salmon Queen.** A beautiful variety in salmon shades. Pkt., 25c.; 50c. per large pkt.
- White.** Pkt., 10c.; 25c. per large pkt.
- Mixed.** Pkt., 10c.; 25c. per large pkt.; oz., 40c.
- New Hybrids, Mixed.** Pkt., 10c.; 30c. per large pkt.; oz., \$1.00.

**Lavender • Lavandula vera**

Well-known perennial, bearing long spikes of fragrant blue flowers. 1½ to 2 ft. Pkt., 10c.; 30c. per large pkt.; oz., \$1.00.

**Liatris • Blazing Star**

- Pycnostachya.** A showy hardy perennial border plant, with long spikes of violet-purple flowers. 2 ft. Pkt., 15c.; 40c. per large pkt.
- Scariosa.** Flowers larger than the above, rose-purple. Pkt., 15c.; 60c. per large pkt.

**Linaria**

**Cymbalaria.** Kenilworth Ivy. A perennial trailing plant with violet flowers. Useful for baskets, vases, pots, and rockwork. Pkt., 10c.; 50c. per large pkt.

**Lilium • Lily**

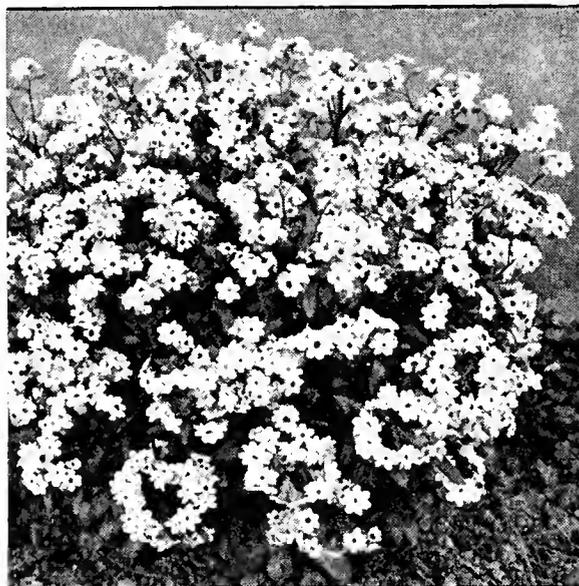
- Philippinense formosanum, White Swan.** A new, giant, snow-white, early-flowering Lily of the Philippinense formosanum type. This strain bears larger flowers than any other type, and will flower in approximately 8 months from seed. Pkt., 25c.; \$1.00 per large pkt.
- Philippinense formosanum.** Resembles an Easter Lily. Blooms 6 to 8 months from time seed is sown. 3 ft. Pkt., 15c.; 50c. per large pkt.
- Regale (L. myriophyllum).** Perfectly hardy; also excellent for forcing. Flowers waxy white, fragrant. Pkt., 15c.; 30c. per large pkt.
- Tenuifolium.** Siberian Lily. Coral-red. 20 in. Pkt., 15c.; 30c. per large pkt.

**Linum • Flax**

- Flavum.** Perennial yellow Flax. 2 ft. Pkt., 15c.; 60c. per large pkt.
- Perenne.** Hardy perennial variety with bright blue flowers. 1½ ft. Pkt., 10c.; 25c. per large pkt.; oz., 60c.

**Lobelia**

- Cardinalis.** Cardinal Flower. Hardy perennial with tall spikes of showy cardinal-red flowers. Pkt., 10c.; 75c. per large pkt.



Myosotis (Forget-me-not)

**Lychnis**

- Elegant hardy perennials of easy culture, excellent for massing in large beds or borders.
- Arkwrighti.** Fine, free-flowering hybrids. Pkt., 10c.; 40c. per large pkt.
- Chalcedonica.** Rose Champion. Fine scarlet, cross-like flowers. 2 ft. July. Pkt., 10c.; 25c. per large pkt.; oz., 60c.
- Haageana.** Large, brilliant orange, scarlet, pink, and crimson flowers in mixture. 1 ft. July. Pkt., 10c.; 50c. per large pkt.
- \*Viscaria splendens.** Bright rose-red. 1 ft. Pkt., 10c.; 30c. per large pkt.

**Lythrum • Loosestrife**

**Roseum superbum.** A fine hardy perennial, producing spikes of rosy pink flowers from July to September. 3 ft. Pkt., 10c.; 30c. per large pkt.

**Myosotis • Forget-me-not**

- Beautiful, half-hardy perennial, succeeding best in moist, shady situations.
- Alpestris, Victoria.** Plants of bushy habit, bearing large, bright blue flowers. Very fine. 6 in. Pkt., 10c.; 60c. per large pkt.
- Grandiflora alba.** Large white flowers. 8 in. Pkt., 10c.; 30c. per large pkt.
- Grandiflora rosea.** Large pink flowers. 8 in. Pkt., 10c.; 30c. per large pkt.
- Michell's Winter-flowering.** The finest variety for forcing. Long stems; deep blue flowers. Pkt., 15c.; 60c. per large pkt.
- Palustris semperflorens.** Dwarf. Blooms the entire season. Deep blue. Pkt., 10c.; 50c. per large pkt.
- Mixed.** Pkt., 10c.; 25c. per large pkt.; oz., 75c.

**Double Nasturtium Novelties**

All-America Gold Medal Winners  
*Fine for winter blooming*

- Scarlet Gleam.** (Bodger.) Flowers fiery orange-scarlet, 3 inches across, and uniformly double, with lush green foliage. Pkt., 10c.; 30c. per oz.
- Gleam Hybrids.** (Bodger.) These hybrids are a collection of gorgeously colored, large, well-formed flowers of dazzling beauty. Pkt., 10c.; 30c. per oz.
- Golden Gleam.** (Bodger.) Large, golden yellow, semi-double, sweet-scented flowers. Excellent for cutting and growing in pots. Pkt., 10c.; 25c. per oz.; ¼lb., 60c.

**Nepeta**

- \*Mussini.** A favorite perennial rock-plant with blue-gray foliage and pale mauve flowers. 9 in. Pkt., 20c.; 60c. per large pkt.

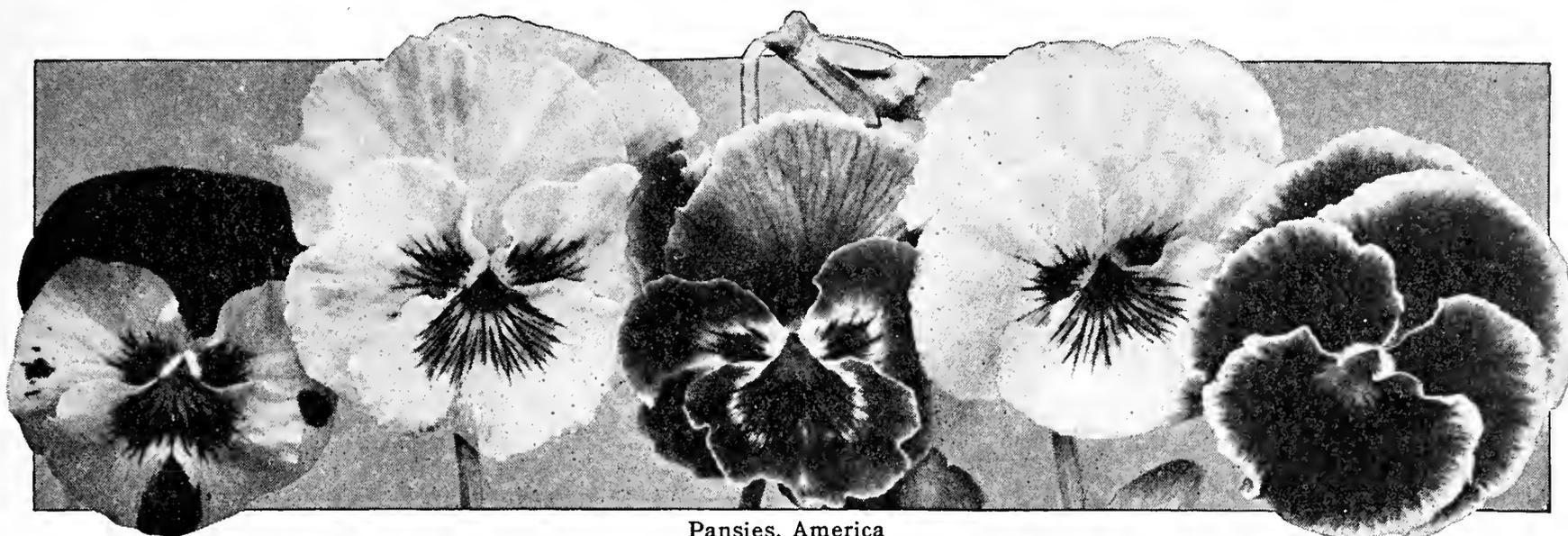
**Oenothera • Evening Primrose**

- Beautiful hardy perennials of easy culture. Plants continue in bloom throughout the summer.
- \*Missouriensis.** A prostrate-growing variety, with large, bright yellow flowers. Pkt., 15c.; 75c. per large pkt.
- Youngi.** Showy variety with large yellow flowers. 3 ft. Pkt., 15c.; 75c. per large pkt.



Double Gleam Nasturtiums

## Here are the world's finest Pansies



Pansies, America

### MICHELL'S "DISTINCTIVE" FLOWER SEEDS

#### Michell's Giant Pansies

Seed may be sown any time in the autumn—the earlier the better—for early blooming the following spring.

**Zvolanek's Giant Climbing Pansy.** After many years of painstaking work, Mr. Zvolanek has succeeded in producing this magnificent strain of Tree Pansy, which we consider the finest of its type. The plants grow to a height of 3 feet and produce immense blooms on stems 16 to 18 inches long. The colors are a pleasing blend of light and dark shades. This strain is very free flowering, making this ideal for winter forcing. We offer the originator's strictly new-crop seed. Pkt., \$2.50.

**Shakespeare's.** These are the simple, quaint, little Pansies of Shakespeare's time, and are suitable for any location in the garden. They can be very easily grown wherever Pansies are successful and are most ideal for the old-fashioned garden, the rock-garden, or that shady location in the border. The habit of growth is similar to Violas, and they flower continually throughout the season. The flowers range through purples, yellows, blues, and whites, and are delightfully fragrant. Pkt., 25c.; \$1.00 per large pkt.; 1/8 oz., \$2.00.

**Michell's Springtime.** This is a fine new early-flowering variety, with blooms measuring 3 1/2 to 4 inches across. The plants are of dwarf habit and commence to bloom very early in the spring. The mixture contains all the bright shades that are so popular in the spring garden. Pkt., 25c.; 75c. per large pkt.; 1/8 oz., \$1.50.

**America.** A very selected, dwarf, free-flowering strain in a fine mixture of popular shades. American-grown seed. Pkt., 50c.; \$1.25 per large pkt.

**Engelmann's Special Mixture.** A new variety and truly a Giant Pansy. Contains a great variety of colors, both light and dark, with a good percentage of bronze and red shades. Pkt., 50c.; \$1.00 per large pkt.

**Maple-Leaf Giants.** A new variety with giant flowers measuring 4 to 6 inches across, perfectly round, and in a fine mixture of colors. Pkt., 25c.; 75c. per large pkt.

**\*New Miniature, Mrs. A. H. Scott.** A dainty baby Pansy which does not grow more than 3 inches in height. The color of the flower is similar to Lord Beaconsfield—violet-purple, upper petals nearly white. Very free flowering and a fine suggestion for the rock-garden. Pkt., 25c.; 75c. per large pkt.

#### Swiss Giants (Roggli)

**Alpenglow.** Cardinal-red shades with dark blotches. Pkt., 25c.; 75c. per large pkt.

**Berna.** Swiss Giants. Very rich, velvety purple-violet, of extra quality. Pkt., 25c.; 75c. per large pkt.

#### SWISS GIANT PANSIES, continued

**Lake of Thun.** Swiss Giants. A distinct marine-blue variety, with deep blue blotches. Pkt., 25c.; 75c. per large pkt.

**Mont Blanc.** Swiss Giants. Nearly pure white, with three large blue blotches. An excellent addition to the Roggli strain. Pkt., 25c.; 75c. per large pkt.

**Rheingold.** Swiss Giants. Deep golden yellow, with black blotches on the three lower petals. Pkt., 25c.; 75c. per large pkt.

**Roggli.** Improved Swiss Giants. Flowers large, with overlapping petals in many brilliant colors and shades. Excellent for greenhouse culture. Pkt., 25c.; 75c. per large pkt.; 1/8 oz., \$1.50.

**Michell's New Swiss Giants.** A new strain with enormous flowers and containing many unusual colors, such as salmon, pink, red, blue, yellow, etc., all beautifully blotched. Pkt., 50c.; \$1.25 per large pkt.

#### Giant-Flowering Mixtures

**Giant Trimardeau, Mixed.** Pkt., 10c.; 40c. per large pkt.; 1/4 oz., \$1.00.

**Masterpiece.** Frilled Pansy. Beautiful rich colors; petals curled or waved. Pkt., 25c.; 75c. per large pkt.

**Michell's Giant Exhibition.** Flowers of immense size, very heavy texture, and of the most brilliant colors. Pkt., 25c.; 75c. per large pkt.; 1/8 oz., \$1.75; \$3.00 per 1/4 oz.; oz., \$10.00.

**Triumph of the Giants, Mixed.** Immense flowers of great brilliancy and richness of colors. Pkt., 50c.; 85c. per large pkt.; 1/8 oz., \$2.00; \$3.25 per 1/4 oz.; oz., \$11.00.

**Fine English, Mixed.** Pkt., 10c.; 40c. per large pkt.; oz., \$1.50.

#### Giant Prize or Bedding Strain

##### SEPARATE COLORS

A strain secured from the leading Pansy specialists and not to be compared with the ordinary Giant Trimardeau, as the flowers are of much heavier texture.

**Azure-Blue.** Light blue. Pkt., 15c.; 50c. per large pkt.; 1/4 oz., \$1.00.

**Black-Blue.** Dark and velvety. Pkt., 15c.; 50c. per large pkt.; 1/4 oz., \$1.00.

**Emperor William.** Ultramarine-blue. Pkt., 15c.; 50c. per large pkt.; 1/4 oz., \$1.00.

**Hortensia-Red.** Scarlet. Pkt., 15c.; 50c. per large pkt.; 1/4 oz., \$1.00.

**King of the Blacks.** Pkt., 15c.; 50c. per large pkt.; 1/4 oz., \$1.00.

**Lord Beaconsfield.** Violet. Pkt., 15c.; 50c. per large pkt.; 1/4 oz., \$1.00.

**Peacock.** Upper petals blue, lower petals deep claret, with white margin. Pkt., 15c.; 50c. per large pkt.; 1/4 oz., \$1.00.

#### GIANT PRIZE PANSIES, continued

**Snow Queen.** Pure white. Pkt., 15c.; 50c. per large pkt.; 1/4 oz., \$1.00.

**White,** with dark eye. Pkt., 15c.; 50c. per large pkt.; 1/4 oz., \$1.00.

**Pure Yellow.** Pkt., 15c.; 50c. per large pkt.; 1/4 oz., \$1.00.

**Yellow,** with dark eye. Pkt., 15c.; 50c. per large pkt.; 1/4 oz., \$1.00.

**\*Mrs. P. S. du Pont.** Golden apricot with creamy tint, flushed salmon. Desirable for the rock-garden. Pkt., 25c.; 75c. per large pkt.

#### Pentstemon • Beard-Tongue

Beautiful perennial for the hardy border.

**Sensation.** Large spikes of gloxinia-like flowers of brilliant colors. Requires protection. 2 ft. Pkt., 15c.; 75c. per large pkt.

**New Hybrids, Mixed.** Large spikes of handsome flowers. 3 ft. Pkt., 10c.; 50c. per large pkt.

#### Hardy Phlox

**Decussata.** Perennial plants 2 to 3 feet high. Flowers in all bright colors. Sow seeds late in fall and they will germinate in the spring. Pkt., 10c.; 60c. per large pkt.; 1/4 oz., 75c.

#### Physalis • Chinese Lantern Plant

**Francheti.** Dense bushes about 2 feet high. Bright orange-scarlet, lantern-like fruits. Perennial. Pkt., 10c.; 30c. per large pkt.

#### Physostegia • False Dragonhead

A very pretty hardy perennial. Its dense bushes freely bear delicate tubular flowers. 3 to 4 ft. July, Aug.

**Virginica.** Pink. Pkt., 10c.; 50c. per large pkt.

#### Platycodon • Japanese Balloon Flower

One of the best hardy perennials. Large, bell-shaped flowers. Excellent for borders or among shrubbery. 2 to 3 ft.

**Grandiflorum.** Blue. Pkt., 10c.; 40c. per large pkt.

**Grandiflorum album.** Pure white. Pkt., 10c.; 40c. per large pkt.

#### Polemonium • Jacob's-Ladder

A good hardy perennial with bell-shaped flowers. 2 1/2 ft.

**Coeruleum.** Blue. Pkt., 10c.; 25c. per large pkt.; oz., 75c.

#### Polyanthus • Primula elatior

Beautiful spring-flowering hardy perennials, either for pot-culture or for the garden. Succeed best in partial shade. 9 in.

**Gold-laced.** Flowers of brilliant colors, with yellow edges. Pkt., 15c.; 75c. per large pkt.

**English, Mixed.** Pkt., 10c.; 60c. per large pkt.

Varieties marked \* are especially suitable for rock-gardens

## MICHELL'S "DISTINCTIVE" FLOWER SEEDS

### Double Poppies

Annual Varieties

**Double Shirley, Cavalcade.** *New.* Double Begonia-flowered. Rich, brilliant orange-scarlet. A most attractive variety. Pkt., 15c.; 40c. per large pkt.

**Carnation-flowered, Mixed.** Flowers of large, globular form with fringed petals. 2 ft. Pkt., 10c.; 25c. per oz.

**Peony-flowered, Mixed.** Large, double flowers resembling a peony. Pkt., 10c.; 25c. per oz.



Iceland Poppy

### Poppies, Perennial

These brilliant hardy Poppies are unequalled for general effectiveness and brilliancy of display.

#### Yellow Wonder

*Papaver nudicaule amurense*

All-America Winner

This new variety is undoubtedly the finest and largest flowered Iceland Poppy to date. Its bright buttercup-yellow flowers, with a lighter center, are 4 to 6 inches across and the stems are often more than 2 feet long. Fine for cutting. The plant is of robust habit and free flowering, with as many as 30 flowers open at one time. Although a perennial, it will flower from seed the first season if sown early. We predict that this Iceland Poppy will prove one of our choicest garden perennials. Pkt., 25c.; \$1.00 per large pkt.

\***Iceland, Alpine, Mixed** (*Papaver nudicaule alpinum*). Dwarf Alpine variety. Fine for rockery. 8 in. Pkt., 25c.; 75c. per large pkt.

**Iceland, El Monte.** A California introduction. Flowers large. Mixed colors. Pkt., 25c.; 60c. per large pkt.

**Iceland, Coonara Pink Shades.** Art shades. Pkt., 25c.; 60c. per large pkt.

**Iceland, Orange-Scarlet.** Pkt., 10c.; 40c. per large pkt.

**Iceland, White.** Pkt., 10c.; 40c. per large pkt.

**Iceland, Yellow.** Pkt., 10c.; 40c. per large pkt.

**Iceland, Single, Mixed.** Pkt., 10c.; 30c. per large pkt.; ¼ oz., 60c.

**Iceland, Sunbeam.** Fine new shades in mixture. Pkt., 15c.; 40c. per large pkt.

**Orientele.** Extra large; deep scarlet. Pkt., 10c.; 30c. per large pkt.; ¼ oz., 50c.

**Orientele, Mrs. Perry.** Rich salmon-pink. Pkt., 10c.; 75c. per large pkt.

**Orientele, Royal Scarlet.** Brilliant scarlet. Pkt., 25c.; 75c. per large pkt.

**Orientele, Hybrids.** Mixed colors. Pkt., 10c.; 40c. per large pkt.; ¼ oz., 60c.

### Primula obconica

This beautiful and continuous-blooming variety has handsome spikes of flowers. Elegant plants for greenhouse or light window of dwelling-house.

**Fasbender.** A new strain of the Gigantea type. Giant deep crimson flowers. Pkt., 50c.; \$1.25 per large pkt.

**Mueller & Mohnstein.** Shades of crimson and rose. Pkt., 50c.; \$1.25 per large pkt.

**Gigantea Monster, Mixed.** An extra large-flowering strain of this popular Primula. Pkt., 40c.; \$1.25 per large pkt.

**Grandiflora hybrida, Mixed.** Pkt., 20c.; 75c. per large pkt.

### Primula malacoides

**Dawkin's Carmine-Pink.** *Novelty.* This new variety is a rich glowing carmine-pink, quite distinct from any shade hitherto produced in *P. malacoides*. Flowers large, on wiry stems of upright and graceful habit. The constitution of the plant is very strong. Without doubt the best of all existing varieties. Pkt., 25c.; 75c. per large pkt.

**Lilac.** Improved Baby Primrose. Tall, graceful spikes of delicate lilac flowers. Pkt., 20c.; 75c. per large pkt.

**Princess Patricia.** Beautiful lavender-pink flowers, finely laced. Pkt., 25c.; 75c. per large pkt.

**Pink Beauty.** Deep rosy pink; large. Pkt., 25c.; 75c. per large pkt.

### Primula • Fringed Chinese Primrose

**Michell's Prize Mixture.** These are among our finest winter- and spring-blooming pot-plants for decoration in the home or conservatory. Our seed has been grown for us by Primula specialists and cannot be excelled for size and brilliancy of colors. This mixture contains only the finest sorts selected from the best strains. Pkt., 25c.; 85c. per large pkt.

### Hardy Primrose

\***Veris, Mixed.** English Cowslip. 6 in. Pkt., 10c.; 60c. per large pkt.

\***Veris, Giant Munstead Strain.** Beautiful shades, including yellow and white. 1 ft. Pkt., 25c.; 75c. per large pkt.

\***Vulgaris.** English Primrose. Canary-yellow. Pkt., 10c.; 75c. per large pkt.

### Pueraria

**Thunbergiana.** Japanese Kudzu Vine. One of the fastest-growing hardy climbing plants, making a growth of 8 to 10 feet the first year from seed. Its large foliage covers well. Rosy purple, pea-shaped blossoms toward the end of August. Pkt., 10c.; 25c. per large pkt.

### Pyrethrum

Handsome hardy perennial plants for the herbaceous border. Showy flowers excellent for cutting.

**Atrosanguineum.** Dark red shades. Pkt., 25c.; 75c. per large pkt.

**Roseum.** Bright rose color. 2 ft. June. Pkt., 10c.; 60c. per large pkt.

**Uliginosum.** Giant Daisy. Large, single white flowers. 3 to 4 ft. Sept. Pkt., 10c.; 60c. per large pkt.

**Hybridum, Single, Mixed.** Large flowers ranging in color from light pink to deep red, with bright yellow centers. 2 ft. June. Pkt., 10c.; 50c. per large pkt.

**Hybridum, Double, Mixed.** Pkt., 25c.; 75c. per large pkt.

### Ranunculus

**Asiaticus superbissimus, Mixed.** A perennial plant, suitable for beds, borders, or for pots. Fine for cutting. 1 ft. Pkt., 10c.; 25c. per large pkt.

### Rudbeckia • Coneflower

**Newmanni.** Perennial. Large yellow flowers with black centers. Very showy. 3 ft. Pkt., 10c.; 40c. per large pkt.

**Purpurea.** Giant Purple Coneflower. Hardy perennial. Reddish purple flower, with dark brown disc. Pkt., 10c.; 40c. per large pkt.

### Salvia, Perennial

**Azurea grandiflora.** Produces spikes of sky-blue flowers during August and September. 3 to 4 ft. Pkt., 15c.; 60c. per large pkt.

**Blue Bedder.** A new variety of *Farinacea*. Very compact form, of a deep blue shade, and flowers very profusely from seed the first year. Pkt., 25c.; 75c. per large pkt.

**Farinacea.** A perennial variety, but best treated as an annual. Light blue flowers. 2 ft. Pkt., 10c.; 50c. per large pkt.

### Saponaria • Bouncing Bet

\***Ocyroides.** Splendid hardy perennial rock-plant. Bright rose-colored flowers. 9 in. Pkt., 10c.; 25c. per large pkt.

### Saxifraga

\***Decipiens Hybrids, Mixed.** A charming little perennial plant, excellent for the rockery. Pkt., 25c.; \$1.00 per large pkt.

### Scabiosa, Perennial

**Caucasica.** Soft blue. 3 ft. Pkt., 10c.; 60c. per large pkt.

**Caucasica alba.** White. Pkt., 10c.; 60c. per large pkt.

**Caucasica, Giant Hybrids, Isaac House Strain.** A fine improvement in the *Caucasica* type. Colors range from light lavender to dark blue. Pkt., 25c.; 75c. per large pkt.

**Columbaria anthemifolia.** A low-growing variety. Flowers a delightful shade of pink. Pkt., 25c.; 60c. per large pkt.

**Columbaria anthemifolia, Lavender.** Pkt., 25c.; 60c. per large pkt.

**Japonica.** Flowers beautiful clear blue. Pkt., 10c.; 25c. per large pkt.

### Schizanthus • Butterfly Flower

One of our finest annuals useful as pot-plants for late winter and spring blooming; for this purpose sow in autumn.

**Dwarf Large-flowering, Mixed.** A compact-growing variety and very free flowering. Excellent for pots. Mixture of popular shades. Pkt., 25c.; 75c. per large pkt.

**Garraway's Hybrids.** Flowers large, with markings on a white, buff, rose, blue or purple ground. Pkt., 25c.; 60c. per large pkt.

**Hybridus grandiflorus.** Compact plants, with flowers of many shades. 1 ft. Pkt., 10c.; 30c. per large pkt.

**Wisetonensis.** Largely used as a pot-plant for the house or conservatory. Flowers range from white with yellow center to pink with brown center. Pkt., 10c.; 40c. per large pkt.

### Shasta Daisy

**New Giant Double White.** A fine new variety. Flowers extra large. Fine for cutting. Pkt., 25c.; 75c. per large pkt.

**Alaska.** Perennial. Pure white, extra-large flowers. Excellent for cutting. 2 ft. Pkt., 10c.; 40c. per large pkt.

Varieties marked \* are especially suitable for rock-gardens

# There are some beautiful things in our Novelty Sweet Peas

## MICHELL'S "DISTINCTIVE" FLOWER SEEDS

### Sedum • Stonecrop

**\*Acre.** Perennial. The well-known yellow variety. Very useful in the rock-garden. Pkt., 25c.; \$1.00 per large pkt.

### Silene • Catchfly

Attractive and profuse blooming perennial plants.

**\*Schafta.** Rose. 8 in. Pkt., 10c.; 40c. per large pkt.

### Statice • Sea-Lavender

Free-flowering plants, valuable for cutting or decoration, either when fresh or in their dried state.

### Perennial Varieties

**Dumosa.** A new variety, growing 2½ feet high and producing dense clusters of silvery gray flowers. Pkt., 25c.; 60c. per large pkt.

**Caspla.** The most beautiful of all perennial Sea-Lavenders. Very vigorous habit, with 3-foot stems, carrying innumerable lilac flowers. Wonderful subjects for effective table decoration. Pkt., 25c.; 75c. per large pkt.

**Latifolia.** Perennial. Large, deep blue flowers. Pkt., 10c.; 40c. per large pkt.

### Sweet Rocket • Hesperis

**Mixed.** An excellent perennial with fragrant white or purple flowers. 2 to 3 ft. Pkt., 10c.; 25c. per large pkt.

### Michell's Early or Winter-Flowering Spencer Sweet Peas

The following varieties are especially adapted for forcing under glass for winter and early spring blooming. Also excellent for sowing outdoors in the southern states.

### Novelty Varieties

**Dellclous.** 1938 Novelty. This fine new early-flowering variety is a lovely new color, being a shade of pale salmon and cream, delightfully blended together. The flowers are huge, and the habit and length of stem are everything a good Sweet Pea should have. Pkt., 25c.; 75c. per ½oz.; oz., \$1.25.

**Bridesmaid.** A delicate, sparkling shade of silver-pink, as vigorous and healthy and as slim and supple as the name implies. Bridesmaid bids fair to outstrip the field in popularity as a cut-flower, in a large table center arrangement. Large flowers, usually fours, on stems 14 to 16 inches long. Pkt., 25c.; 60c. per ½oz.; oz., \$1.00.

**Eileen.** Rich begonia-rose with salmon shadings, changing under certain lights to a dazzling cerise. A brilliancy of exotic splendor never before obtained in a Sweet Pea. The flowers are large, well placed on long stems. Vigorous grower and free bloomer. Pkt., 25c.; 60c. per ½oz.; oz., \$1.00.

**Sequoia.** An enormous rich golden cerise color, and so frilled and wavy are its wide-spread wings that unless one looks closely he mistakes a single flower for two; petals have a tinge of russet. Free flowering and a strong, vigorous grower. Pkt., 25c.; 60c. per ½oz.; oz., \$1.00.

**Shirley Temple.** A cross between Pinkie and Lady Gay. It has inherited blooms with the size and richness of color in Pinkie, plus the dainty frilled and fluted flowers of Lady Gay. The color is softer and more beautiful than Pinkie. Pkt., 25c.; 60c. per ½oz.; oz., \$1.00.

**Sweet Briar.** A mammoth-flowering rich rose-pink on a white ground, with a touch of amber. The harmony of this combination is rich and gorgeous. Plant is a vigorous grower with stout stems throwing colossal fours in abundance. Pkt., 25c.; 60c. per ½oz.; oz., \$1.00.

### New Varieties of Recent Introduction

**Eleanor Blue.** Another good novelty in the new and popular Eleanor blue shade—a clear and light blue with a silver sheen. Flowers large, frilled. Pkt., 25c.; 50c. per ½oz.; oz., 85c.

**Fragrance.** This delightfully fragrant new variety is, in our opinion, superior to all other lavenders. Color a clear lavender self. Pkt., 25c.; 50c. per ½oz.; oz., 85c.

**Michell's Rose Wonder.** A beautiful clear rose-pink color on a light ground. Pkt., 25c.; 60c. per ½oz.; oz., \$1.00.

**Miss Annie Laurie.** A splendid novelty in the richest tone of pure rose-pink in a Sweet Pea. Pkt., 25c.; 50c. per ½oz.; oz., 85c.

**Sensation.** Duplex. A new early-flowering variety and exceptionally fine. The large duplex-petaled flowers give the blooms the appearance of being double. Color, clear-toned, luminous geranium-pink, which is a new shade in the early varieties. Pkt., 25c.; 60c. per ½oz.; oz., \$1.00.

**Susanna.** Large, rich carmine flowers on long stems. Pkt., 25c.; 60c. per ½oz.; oz., \$1.00.

### General List

**Amethyst.** An early royal purple. Pkt., 15c.; 40c. per ½oz.; oz., 75c.

**Aviator.** Dazzling crimson-scarlet. Pkt., 15c.; 40c. per ½oz.; oz., 75c.

**Ball Blue.** Clear, even blue. Pkt., 15c.; 40c. per ½oz.; oz., 75c.

**Ball Orange.** Intense glowing orange. Pkt., 15c.; 40c. per ½oz.; oz., 75c.

**Ball Rose.** Rich deep rose. Pkt., 15c.; 40c. per ½oz.; oz., 75c.

**Blue Bird.** A charming shade of blue. Pkt., 15c.; 40c. per ½oz.; oz., 75c.

**Burpee's Orange.** Clear, glistening orange. Pkt., 15c.; 40c. per ½oz.; oz., 75c.

**Columbia.** Salmon standard; white wings. Pkt., 15c.; 40c. per ½oz.; oz., 75c.

**Fascination.** A wonderful early variety with salmon-rose-pink flowers. Pkt., 15c.; 40c. per ½oz.; oz., 75c.

**Florence Michell.** An extra-fine deep blue. Pkt., 15c.; 40c. per ½oz.; oz., 75c.

**Giant Rose.** Rich rose-pink. Pkt., 15c.; 40c. per ½oz.; oz., 75c.

**Glitters (Early Royal Scot).** Fiery orange. Pkt., 15c.; 40c. per ½oz.; oz., 75c.

**Grenadier.** Dazzling scarlet. Pkt., 15c.; 40c. per ½oz.; oz., 75c.

**Harmony.** A beautiful clear lavender. Pkt., 15c.; 40c. per ½oz.; oz., 75c.

**Hope.** The finest black-seeded, pure white to date. Flowers of mammoth size, well waved. Pkt., 25c.; 40c. per ½oz.; oz., 75c.

**Jeanne Mamitsch.** Rose-pink. Pkt., 15c.; 40c. per ½oz.; oz., 75c.

**Lavender King.** Rich, deep lavender. Pkt., 15c.; 40c. per ½oz.; oz., 75c.

**Majestic Rose.** Deep, brilliant rose-pink. Pkt., 15c.; 40c. per ½oz.; oz., 75c.

**Mrs. Herbert Hoover.** Flowers clear blue. Pkt., 15c.; 40c. per ½oz.; oz., 75c.

**Pink Profusion.** Rich pink. Pkt., 15c.; 40c. per ½oz.; oz., 75c.

**Rose Queen.** Flowers of large size, and usually four to a stem. Color a most attractive shade of rose-pink. Pkt., 15c.; 40c. per ½oz.; oz., 75c.

**Snowstorm (Improved).** White; extra large. Pkt., 15c.; 40c. per ½oz.; oz., 75c.

**Valencia.** A bright orange in color and absolutely sunproof. Stems long. Pkt., 25c.; 40c. per ½oz.; oz., 75c.

**White Harmony.** Black-seeded. Flowers pure paper-white of grand substance. Pkt., 25c.; 40c. per ½oz.; oz., 75c.

**Zvolanek's Rose.** Extra large; rose-pink. Pkt., 15c.; 40c. per ½oz.; oz., 75c.

**Mixed Colors.** Winter-flowering Spencer. Pkt., 10c.; 30c. per ½oz.; oz., 50c.

### Michell's Distinctive Stocks

#### New Giants of California

This magnificent new group is so marked in improvement that we believe they will head the list of forcing Stocks in the very near future. Giants of California are very early-flowering, with a high percentage of mammoth double flowers, and having the branching habit of the Bismarck. If planted close, they will nearly attain the height of the Column Stock, approximately 30 to 36 inches.

	Pkt.	Large pkt.
<b>Golden Gate.</b> Clear golden yellow.....	\$0 25	\$0 50
<b>Monterey.</b> Bright pink.....	25	50
<b>Pacific.</b> Light blue.....	25	50
<b>Redwoods.</b> Blood-red.....	25	50
<b>Santa Barbara.</b> Chamois.....	25	50
<b>Santa Maria.</b> Pure white.....	25	50
<b>Tahoe.</b> Lavender.....	25	50
<b>Yosemite.</b> Rose.....	25	50
<b>Splendid Mixture.</b> .....	25	50

#### Early Giant Imperial Stock

##### Improved Bismarck

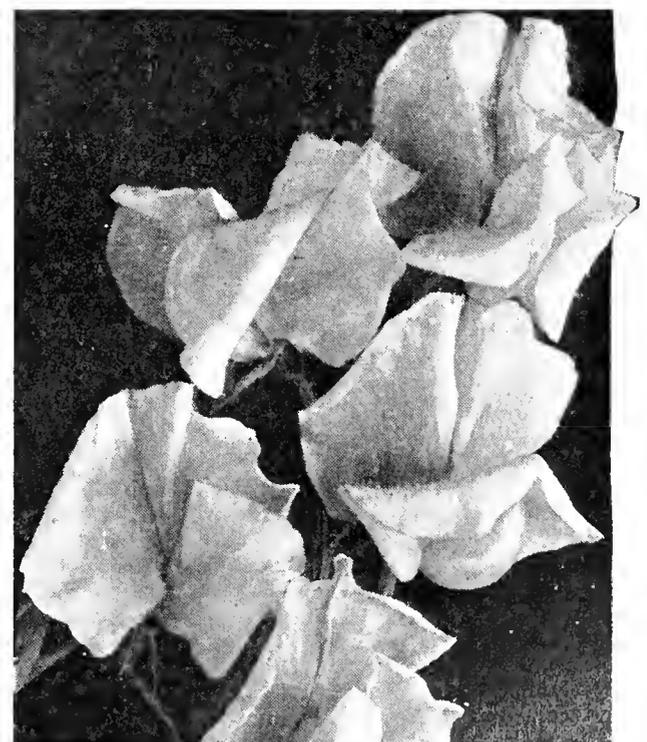
A fine addition to the early forcing class. Plants of tall, branching habit, 2 to 2½ feet high, and producing a very high percentage of double flowers.

#### NEW SUPER-GIANT IMPERIAL.

The following three varieties form a new group. The plants are base branching and produce 12 to 15 huge flower-spikes, with individual florets measuring 2 inches or more in diameter.

	Pkt.	Large pkt.
<b>Dark Blue.</b> A new shade...rose.....	\$0 25	\$0 60
<b>Rose Charm.</b> Rich, deep rose.....	25	60
<b>Roselight.</b> Bright rose....	25	60

	Pkt.	Large pkt.
<b>Antique Copper.</b> New. Rich hellebore-red.....	\$0 25	\$0 50
<b>Apple Blossom.</b> Blush-pink....	25	50
<b>Buttercup.</b> A deeper shade than Canary Yellow.....	25	50
<b>Canary Yellow (Golden Ball)...</b>	25	50
<b>Chamois.</b> Ivory, tinted old-rose.	25	50
<b>Elk's Pride.</b> Intense royal purple.	25	50
<b>Fiery Blood-Red.</b> Extra fine ...	25	50
<b>Golden Rose</b> .....	25	50
<b>Lavender</b> .....	25	50
<b>Lilac</b> .....	25	50
<b>Rose.</b> Deep rose-pink.....	25	50
<b>White</b> .....	25	50
<b>Mixed Colors</b> .....	25	50



Bridesmaid Sweet Peas

MICHELL'S "DISTINCTIVE" FLOWER SEEDS



Viola cornuta

Giant Column Non-branching Stocks

DOUBLE EXCELSIOR

Produces one enormous spike 2 to 3 feet in height and is especially adapted for greenhouse culture. Gives a high percentage of doubles.

**Ball Dwarf White.**

**Ball White.**

**Chamois-Rose.**

**Rose-Pink.** Novelty.

**Silvery Lilac.** Lilac-lavender.

**Mixed Colors.**

Price, pkt., 25c.; 85c. per large pkt.

Stokesia • Cornflower; Stokes' Aster

**Cyanea.** Plants grow about 1½ to 2 feet high, bearing freely, from July to October, handsome, lavender-blue, centaurea-like blossoms, each measuring from 4 to 5 inches across. It is of easy culture, and one of the most desirable plants for the hardy border. Excellent for cutting. Pkt., 10c.; 50c. per large pkt.

Sweet William • Dianthus barbatus

One of the finest hardy perennials and of easy culture. Plants grow about 1½ feet high, and are very effective in beds and borders.

**Dwarf or Alpine.** A new strain, most suitable for edging and rock-gardens. Flower-heads large; in many bright and dark shades. Pkt., 25c.; 75c. per large pkt.

**Auricula-flowered, Mixed.** A beautiful class of "eyed" single varieties. All colors. Pkt., 10c.; 25c. per large pkt.; oz., 75c.

**Single Crimson.** Pkt., 10c.; 25c. per large pkt.; oz., 75c.

**Single Newport Pink.** Salmon-pink. Pkt., 10c.; 30c. per large pkt.; oz., \$1.00.

**Single Scarlet Beauty.** Deep scarlet. Pkt., 10c.; 30c. per large pkt.; oz., \$1.00.

**Single Velvety Maroon.** Pkt., 10c.; 25c. per large pkt.; oz., 75c.

**Single White.** Pkt., 10c.; 25c. per large pkt.; oz., 75c.

**Single Mixed.** All colors. Pkt., 10c.; 25c. per large pkt.; oz., 50c.

**Double Mixed.** Pkt., 10c.; 25c. per large pkt.; oz., 90c.

Thalictrum • Meadow-Rue

Very graceful perennial plants with finely cut foliage. Excellent for the hardy border.

**Aquilegiform.** Feathery white flowers. Pkt., 10c.; 60c. per large pkt.

**Dipterocarpum.** Rosy purple, with yellow anthers. Pkt., 10c.; 60c. per large pkt.

Thermopsis

**Caroliniana.** A splendid perennial, 3 to 5 feet high, and producing racemes of yellow, lupin-like flowers, 6 to 12 inches long. Pkt., 25c.; 60c. per large pkt.

Thymus

**\*Serpillum.** Wild Thyme. Creeping rock-plant, with miniature purple flowers. Pkt., 15c.; 40c. per large pkt.

Tritoma • Red-Hot Poker

**Hybrida, Mixed.** A free-blooming perennial. 2 ft. Pkt., 10c.; 50c. per large pkt.

Trollius • Globe-Flower

Hardy perennial with large, buttercup-like flowers.

**Europæus.** Bright yellow. 20 in. Color illustration on insert. Pkt., 25c.; 75c. per large pkt.

**Hybridus.** Bright yellow. 2 ft. Pkt., 25c.; 75c. per large pkt.

Tunica

**\*Saxifraga.** A low-growing, hardy perennial, with slender foliage and innumerable, tiny, star-like, pale pink flowers. An excellent rock-plant. 4 to 6 in. Pkt., 10c.; 30c. per large pkt.

Valeriana • Garden Heliotrope

Hardy perennial border plants with large, fragrant flowers, the odor resembling that of the heliotrope. 2 to 3 ft.

**Mixed.** Pkt., 10c.; 25c. per large pkt.

Veronica • Speedwell

An elegant hardy perennial plant of easy culture and free-flowering habit. Of value as a cut-flower or for the garden.

**Longifolia subsessilis.** Rich blue. 2 ft. Pkt., 10c.; 50c. per large pkt.

**\*Repens.** Bright blue flowers. 4 in. Pkt., 25c.; 75c. per large pkt.

**Spicata.** Bright blue. 1½ ft. Pkt., 10c.; 50c. per large pkt.

Viola

**Arkwright Ruby.** Large-flowering; bright rosy crimson with terra-cotta shadings. Pkt., 50c.; 75c. per large pkt.

**Bosniaca** (Johnny-Jump-Up). Free bloomer; small leaves; purple flowers. Pkt., 10c.; 60c. per large pkt.

**Jersey Gem.** Possesses the dwarf habit and continuity of bloom of the *V. cornuta* but is of more vigorous growth. Rich violet, fragrant blooms. Pkt., 50c.; \$1.00 per large pkt.

**Avalanche.** Giant-flowering, pure white sort. Pkt., 25c.; 75c. per large pkt.

**Yellow Queen.** Deep, pure yellow. Pkt., 50c.; \$1.00 per large pkt.

New Viola cornuta, Chantreyland

A fine new Viola in a pure apricot shade. Outstanding in color and free-flowering habit. Splendid for the rock-garden. Pkt., 25c.; 75c. per large pkt.

Viola cornuta • Tufted Pansies

These resemble pansies in shape and form and while not quite as large, they bloom more profusely and for a longer time.

**Admiration.** Dark blue. Pkt., 10c.; 50c. per large pkt.

**Apricot Queen.** Apricot-yellow, tinged orange. Pkt., 25c.; 75c. per large pkt.

**G. Wermig.** Rich violet-blue. 8 in. Pkt., 25c.; 75c. per large pkt.

**Lord Nelson.** Large, violet-purple flowers. Fine bedding variety. Pkt., 25c.; 75c. per large pkt.

**Mauve Queen.** Lovely mauve color. Pkt., 10c.; 60c. per large pkt.

**Perfection.** Light blue. Pkt., 10c.; 50c. per large pkt.

**Rose Queen.** Compact habit. Rosy pink flowers. Pkt., 20c.; 60c. per large pkt.

**White Perfection.** Large; white. Pkt., 10c.; 50c. per large pkt.

**Yellow Perfection.** Golden yellow. Pkt., 10c.; 50c. per large pkt.

**Mixed.** All colors. Pkt., 10c.; 50c. per large pkt.

Viola, Scotch Bedding

**Mixed.** Produce larger flowers than *V. cornuta*. Pkt., 25c.; \$1.00 per large pkt.

Violet, Sweet-scented

Viola odorata

**Single, Blue Czar.** Dark blue. Pkt., 10c.; 75c. per large pkt.

Wallflower

Half-hardy perennials of delicious fragrance, blooming early in the spring. They should be protected in a coldframe in the winter and planted out in the spring. 2 ft.

**Double, Mixed.** All colors. Pkt., 10c.; 60c. per large pkt.

**Early-flowering Double, Mixed.** An extra-early variety, flowering from seed in 90 days. Pkt., 10c.; 50c. per large pkt.

**Gold Standard.** Double; annual. Deep golden yellow; very fragrant. The finest variety for forcing. Pkt., 10c.; 75c. per large pkt.

**Single, Mixed.** Pkt., 10c.; 25c. per large pkt.; oz., 40c.

**Paris Extra Early, Mixed.** A single-flowering variety, which may be treated as an annual. 1½ ft. Pkt., 10c.; 25c. per large pkt.; oz., 60c.



Wallflower

# Michell's Hardy Perennial Plants

These old-fashioned hardy flowers are the garden favorites, and justly so, for there is no time during the entire flowering season when some variety is not in bloom. They are particularly valuable in late summer and autumn when there are few shrubs in bloom. Beginning in early April they provide a constantly varying pageant of color throughout the summer and until stopped by severe frosts. They appear regularly, year after year, and as each variety has a fixed time for blooming, careful selection will insure flowers for cutting from early spring to late fall.

The Hardy Perennials are most satisfactory when planted in a border, in front of a hedge, fence, or wall, or in the open garden. When planting,

the soil should be dug to a depth of 1½ to 2 feet, pulverizing it thoroughly and working in a liberal amount of well-rotted stable manure or other fertilizer. Place in groups of three or more plants of one variety, the taller-growing ones at the back, the medium-high ones in the center, and the dwarf varieties at the front. It is important, too, that the plants are so placed that there will be some flowers in all parts of the border at all times. This can easily be accomplished by consulting our descriptions for time of flowering. Our book, "The Hardy Flower Garden," is an instructive publication which can be had free on request. We offer only such varieties as can be planted in autumn.

**Special Notice on Guarantee.** We spare no effort to supply plants of the best quality in first-class living condition. On account of the many causes beyond our control we cannot guarantee this stock to live and establish itself, as that is usually entirely within the power of the buyer or planter.

If plants are wanted by Parcel Post, please add 10 per cent for points east of the Mississippi River, 15 per cent for points west of the Mississippi River

Varieties marked \* are especially suitable for rock-gardens

## Achillea • Milfoil; Yarrow

**Millefolium, Cerise Queen.** Rosy Milfoil. Finely cut, deep green foliage. Flowers cherry-red, in dense heads. 1½ ft.

**Ptarmica, Boule de Neige (Ball of Snow).** An improvement on The Pearl. The flowers, while not quite so large, are of more perfect form, with fuller centers, which makes it appear purer in color.

**\*Tomentosa.** Woolly Yarrow. Handsome cut foliage with bright yellow flowers. 1 ft. June.

All Achilleas, 30c. each; 3 for 85c.; \$3.00 per doz.; 25 for \$5.50

## Aconitum

### Monkshood; Helmet Flower

**Fischeri.** A dwarf variety, growing 1½ feet high, with large, pale blue flowers in September and October.

**Napellus, Sparks' Variety.** The darkest blue of all. 3 ft. June.

**Wilsoni.** Tall-growing. Violet-blue flowers in very late fall.

All Aconitums, 35c. each; 3 for \$1.00; \$3.50 per doz.; 25 for \$6.50

## Aethionema

**Persicum.** Lebanon Candytuft. Beautiful shrubby alpines of spreading habit. Rose-colored flowers from May until August. Suitable for the border or rockery. 35c. each; 3 for \$1.00; \$3.50 per doz.; 25 for \$6.25.

**Warley Rose.** A beautiful, glaucous shrublet, growing from 4 to 6 inches high, producing a mass of deep pink flower-heads. Gives a delightful impression of a miniature *Daphne Cneorum*. Very hardy. 50c. each; 3 for \$1.35; \$5.00 per doz.; 25 for \$9.00.

## Agrostemma

Stout, erect-growing plants, with silvery foliage; flowers produced during June and July.

**Coronaria.** Mullein Pink; Rose Champion. Bright rosy crimson. 2½ to 3 ft. 30c. each; 3 for 85c.; \$3.00 per doz.; 25 for \$5.50.

## \*Alyssum

**Rostratum.** Bright golden yellow flowers in June and July. 1 ft.

**Saxatile compactum.** An excellent, low, spreading plant for rockery or border, growing about 10 inches high. Masses of golden yellow flowers in May.

**Saxatile compactum fl.-pl.** A double-flowering form of the well-known Basket of Gold. 50c. each; 3 for \$1.35; \$5.00 per doz.; 25 for \$9.00.

All Alyssums, except where noted, 30c. each; 3 for 85c.; \$3.00 per doz.; 25 for \$5.50

## Anchusa • Sea Bugloss

**Italica, Morning-Glory.** One of the finest of this showy genus. Tall, branching stems, smothered with large, brilliant, rich blue flowers. May and June. 5 ft. 30c. each; 3 for 85c.; \$3.00 per doz.; 25 for \$5.50.

**Myosotidiflora.** A distinct dwarf variety from the Caucasus Mountains, with clusters of pretty blue, forget-me-not-like flowers in May. 1 ft. 35c. each; 3 for \$1.00; \$3.50 per doz.; 25 for \$6.25.

## Anemone • Windflower

**\*Pulsatilla.** Pasque Flower. An interesting plant for the rockery or border, producing violet or purple flowers during April and May. 9 to 12 in.

**Sylvestris.** Snowdrop Windflower. Large, nodding, sweet-scented, lavender flowers, tinted white, borne singly or two together on 6- to 8-inch stems. Pretty drooping buds and finely cut foliage. Prefers semi-shade. April, May.

Either of the above, 35c. each; 3 for \$1.00; \$3.50 per doz.; 25 for \$6.50

## Anthemis • Marguerite

**Perry's Variety.** Improved Golden Marguerite. A wonderful improvement over the well-known *Anthemis tinctoria*. Large, well-shaped flowers, nearly 3 inches across, from June to October. The well-proportioned plants, with delicate, fern-like foliage, are most attractive and become covered with bright golden yellow flowers which are valuable for cutting. 15 to 18 in. 30c. each; 3 for 85c.; \$3.00 per doz.; 25 for \$5.50.



Alyssum saxatile compactum

## Aquilegia • Columbine

These are invaluable for spring bloom, producing their graceful, spurred flowers on stems rising 2 feet above their attractive foliage, during May and June.

### Michell's Long-spurred Hybrids, Mixed.

The plants are of strong, thrifty growth and the flowers of the largest size. Can be supplied in separate shades: Blue, Pink, and Red and Orange.

**Canadensis.** Common American Columbine. Native bright red and yellow variety. One of the brightest.

**Chrysantha.** Golden Columbine. Bright yellow, long-spurred flowers.

**Coerulea.** Rocky Mountain Columbine. Bright blue and white, long-spurred flowers.

**Crimson Star.** Large, brilliant dark crimson flowers on vigorous stems 2½ to 3 feet high, from May until July. 35c. each; 3 for \$1.00; \$3.50 per doz.; 25 for \$6.50.

**Longissima.** Flowers of delicate pale yellow with spurs 4 inches long, produced abundantly from late May on. This has been rated as the outstanding perennial novelty of last season. 35c. each; 3 for \$1.00; \$3.50 per doz.; 25 for \$6.50.

**Mrs. Scott Elliott's Hybrids, Mixed.** The most famous of these beautiful flowers. Wonderful colors; very long spurs.

**Rose Queen.** A new variety with long-spurred flowers of a pleasing shade of delicate pink.

**Snow Queen.** Pure white, long-spurred type.

All Aquilegias, except where noted, 30c. each; 3 for 85c.; \$3.00 per doz.; 25 for \$5.50

## \*Arabis • Rock-Cress

**Alpina.** One of the most desirable of the very early spring-flowering plants that is especially adapted for edging and for the rock-garden, but does equally well in the border, forming a dense carpet, completely covered with pure white flowers. 30c. each; 3 for 85c.; \$3.00 per doz.; 25 for \$5.50.

**Alpina fl.-pl.** The double white Rock-Cress, flowering from April until June. 35c. each; 3 for \$1.00; \$3.50 per doz.; 25 for \$6.50.

## \*Armeria • Sea Pink; Thrift

Attractive, dwarf plants that will succeed in any soil, forming evergreen tufts of bright green foliage, from which appear innumerable dense heads of flowers on stiff, wiry stems, from 9 to 12 inches high.

**Cephalotes rubra.** Large heads of crimson-red flowers on stout stems. 30c. each; 3 for 85c.; \$3.00 per doz.; 25 for \$5.50.

**Lauchena rosea.** Bright rose. 30c. each; 3 for 85c.; \$3.00 per doz.; 25 for \$5.50.

MICHELL'S HARDY PERENNIAL PLANTS

Artemisia

A most useful class of plants, either for the border or for filling in within the shrubbery. With the exception of *Lactiflora*, they are not remarkable for their flowers but the foliage of the sorts offered is very ornamental.

**Abrotanum.** Old Man; Southernwood. Dark green, finely cut foliage, with pleasant aromatic odor. 2 ft.

**Lactiflora.** White Mugwort. A variety of great merit. White, very fragrant flowers in much-branched panicles. Plant in fertile, moist soil. 4 ft. Aug., Sept.

**Silver King.** A new variety with beautiful, bright silvery foliage, which, when cut and dried, retains its silver color all winter.

All Artemisias, 30c. each; 3 for 85c.; \$3.00 per doz.; 25 for \$5.50

Asclepias • Butterfly Weed

**Tuberosa.** Very showy native plants, about 2 feet high, producing their flowers of brilliant orange-scarlet during July and August. 30c. each; 3 for 85c.; \$3.00 per doz.; 25 for \$5.50.

Hardy Asters

Outstanding New Varieties

**Blue Bouquet.** Large, clear violet-blue flowers with yellow eyes. Very charming. 1½ ft. Oct.

**Blue Eyes.** The best blue Aster yet introduced, having long, violet-blue petals surrounding a small yellow eye. 4 ft. Extremely attractive during September.

**Hybridus luteus.** Masses of bright clear yellow star-shaped flowers. A yellow border acquisition from July until frost. Grows compact and bushy, 2 feet high. Free flowering and keeps well when cut.

**Mt. Everest.** A wonderful white Aster, by far the finest and best white ever introduced. Very tall, well-shaped pyramids of flowers right down to the ground. The blooms are large, pure white, with a very small yellow eye, and, unlike other white Asters, the old flowers do not discolor the mass.

**Pink Nymph.** A most profuse bloomer and one that is sure to please. The charming flowers open a rich rosy red which changes to bright pink as they mature. 4 ft. Sept.

**Red Rover.** Deep rosy red flowers with golden centers; buds bright red, giving us our first red fall-flowering Aster. Compact in habit and very free flowering. A real novelty which should be in every garden. 3 to 4 ft. Sept. to frost.

All New Hardy Asters, 50c. each; 3 for \$1.35; \$5.00 per doz.; 25 for \$9.00

Aster Subcoeruleus, Star of Wartburg

A giant form with large individual flowers on strong, erect stems 12 inches high. Blooms very early and makes a fine display with its dark lilac-blue flowers with orange center. The plants we offer are grown from divisions of the original stock. 50c. each; doz., \$5.00.

\* Dwarf Border Asters

We take pleasure in introducing a collection of dwarf Hybrid Asters which we feel will fill a long-felt want in providing a race of dwarf, compact, free-flowering plants, blooming when there is a scarcity of low-growing flowering plants. They rarely exceed 1 foot in height, and during the blooming period in September they are completely covered with blossoms for a considerable time.

**Constance.** A really pure shell-pink—a delightful color. Very graceful habit. 9 in. Oct.

**Countess of Dudley.** Charming, clear pink flowers with yellow eyes. Bushy and free flowering. 9 in. Late Sept.



Aster hybridus luteus

Dwarf Border Asters, continued

**Lavanda.** Lavender-blue flowers. Very free and early, commencing to bloom early in September. 6 in.

**Lilac-Time.** Lovely soft lilac flowers. Very free and of bushy habit. 1 ft. Sept., Oct.

**Marjorie.** A charming plant of compact growth, bearing large, bright rose-pink flowers. 1 ft. Mid-Sept.

**Nancy.** Dwarf, bushy grower and very free flowering, the plants being covered with pale flesh-pink flowers toward the end of September. 1 ft.

**Niobe.** The best white variety. Dwarf, compact habit with pure white flowers. 6 in. Sept.

**Ronald.** Forms a dwarf bush covered with flowers of a pleasing bright shade of lilac-pink, with rose-pink buds. Very showy. 1 ft. Mid-Sept.

All Dwarf Border Asters, 35c. each; 3 for \$1.00; \$3.50 per doz.; 25 for \$6.50

\* Dwarf Asters

**Alpinus.** Indispensable for the rockery or edge of hardy borders as they grow only 6 to 10 inches high. Large, showy, bluish purple flowers in May and June.

**Alpinus albus.** Pure white flowers.

**Mauve Cushion.** An entirely distinct species. Forms a circular, cushion-like plant 2½ feet across, rarely exceeding 9 inches in height. Flowers delicate, soft mauve, with silvery white reflection, and over 1¼ inches in diameter, completely cover the plant. Blooms begin to expand early in October, but are not at their best until November.

**Subcoeruleus.** Forms a dense tuft of leaves from which spring many leafless stems 1 foot high, bearing, in June and July, large, bluish violet flowers.

All Dwarf Asters, 30c. each; 3 for 85c.; \$3.00 per doz.; 25 for \$5.50

Aster Frikarti • Wonder of Stäfa

A new, everblooming perennial. Flowers clear azure-blue, about 3 inches in diameter, on long stems. Blooms from June until frost. 50c. each; 3 for \$1.35; \$5.00 per doz.; 25 for \$9.00.

Hardy Asters

Michaelmas Daisies

**Barr's Pink.** A strong, vigorous grower, forming shapely plants from 4 to 5 feet high with beautiful pink flowers.

**Novæ-angliæ.** Bright violet-purple flowers in abundance during the early autumn. 4 ft.

**Novi-belgi, Climax.** One of the best and showiest, with large, pyramidal spikes of lavender-blue flowers. 5 ft.

**Queen Mary.** The best of the Novi-belgi type. Graceful flowers of a particularly pleasing blue, tinted lavender, 2½ inches in diameter, arranged loosely in branching panicles. 3½ ft.

**Sam Banham.** Very large, graceful, pure white flowers. One of the earliest to bloom. 3 ft.

All Hardy Asters, 25c. each; 3 for 70c.; \$2.50 per doz.; 25 for \$4.50

Astilbe Arendsi

Plants of vigorous growth, 2½ to 3½ feet high. They prefer a half-shady, moist position in any ordinary garden soil.

**Amethyst.** Well-branched spikes of deep violet-purple. 3 ft. End of June.

**Betsy Cuperus.** A splendid variety, growing about 5 feet high, with 2-foot drooping spikes of white flowers with pink centers. Very showy.

**Gloria.** Deep rose-pink flowers. Very attractive.

All Astilbes, 50c. each; 3 for \$1.35; \$5.00 per doz.; 25 for \$9.00

Boltonia • False Chamomile

Among the showiest of our native hardy perennial plants, with large, single, aster-like flowers.

**Asteroides.** Pure white. Very effective. 5 to 7 ft.

**Latisquama.** Pink, slightly tinged with lavender. 4 to 6 ft.

Either of the above, 25c. each; 3 for 70c.; \$2.50 per doz.; 25 for \$4.50

Callirhoe • Poppy Mallow

**Involucrata.** An excellent trailing plant with finely divided foliage and large, saucer-shaped flowers of bright rosy crimson with white centers, produced freely during summer and fall. 30c. each; 3 for 85c.; \$3.00 per doz.; 25 for \$5.50.

Hardy Border Carnations

Choice mixed seedlings produced from seed. We supply strong plants that will furnish an abundance of double flowers next season. 30c. each; 3 for 85c.; \$3.00 per doz.; 25 for \$5.50.

Centaurea

Plants of easy culture, delighting in an open, sunny position, and producing a wealth of bloom which not only makes a fine display in the border but is excellent for cutting.

**Dealbata.** Bright rose-colored flowers borne profusely from July until September. 1½ ft.

**Macrocephala.** Large, thistle-like, golden yellow flowers. Useful for cutting and showy in the border. 3½ ft. July, Aug.

**Montana.** Mountain Bluet. Grows 2 feet high, bearing large violet-blue flowers from July to September.

**Montana alba.** Pure white form of above.

All Centaureas, 30c. each; 3 for 85c.; \$3.00 per doz.; 25 for \$5.50

\*Cerastium • Snow-in-Summer

**Tomentosum.** Pure white flowers and silvery foliage. A compact grower and fine for the rock-garden. 25c. each; 3 for 70c.; \$2.50 per doz.; 25 for \$4.50.

## MICHELL'S HARDY PERENNIAL PLANTS

### Campanula • Bellflower

Showy perennial plants of special merit. They should have a prominent place in every well-ordered hardy garden. Campanulas delight in good rich loam, preferring a semi-shaded place.

**Calycanthema.** Cup and Saucer. Pink, White, and Blue, separate colors. 1½ ft. June, July.

\***Carpatica.** Carpathian Harebell. A pretty compact-growing variety with clear blue flowers on erect, wiry stems, from July until October. An ideal edging for the border or rockery. 35c. each; 3 for \$1.00; \$3.50 per doz.; 25 for \$6.50.

\***Carpatica alba.** Pure white form of the above. 35c. each; 3 for \$1.00; \$3.50 per doz.; 25 for \$6.50.

\***Garganica.** Forms a low, spreading tuft, covered in June with star-shaped light blue flowers having white eyes. An excellent rock-plant. 35c. each; 3 for \$1.00; \$3.50 per doz.; 25 for \$6.50.

**Medium.** Old-fashioned Canterbury Bells. Flowers freely in June. Blue, Pink, and White, in separate colors. 3 to 4 ft.

**Persicifolia.** Peach Bells. Bright blue flowers during June and July. 2 ft. 35c. each; 3 for \$1.00; \$3.50 per doz.; 25 for \$6.50.

**Persicifolia alba.** Pure white form of above. 35c. each; 3 for \$1.00; \$3.50 per doz.; 25 for \$6.50.

**Poscharskyanum.** A trailing plant related to *C. garganica* but with a greater profusion of gray-blue, starry flowers. Excellent for dry walls and trailing over large boulders. Blooms from May until July and often again through the fall. Does well in either sun or shade. 4 in. 35c. each; 3 for \$1.00; \$3.50 per doz.; 25 for \$6.50.

**Pyramidalis.** Chimney Bellflower. The most conspicuous of all Campanulas, forming a perfect pyramid 4 to 6 feet high of porcelain-blue flowers in August. 35c. each; 3 for \$1.00; \$3.50 per doz.; 25 for \$6.50.

**Pyramidalis alba.** Pure white form of the above. 35c. each; 3 for \$1.00; \$3.50 per doz.; 25 for \$6.50.

**Rotundifolia.** Blue Bells of Scotland. The true Harebell. Clear blue flowers from June to August.

**Trachelium.** Coventry Bells. Purple flowers. 3 ft. June, July.

All Campanulas, except where noted, 30c. each; 3 for 85c.; \$3.00 per doz.; 25 for \$5.50

### Chelone • Turtle-Head

Handsome perennials growing about 2 feet high and bearing numerous large flower-heads during the summer.

**Lyoni.** Heads of showy purplish red flowers. 30c. each; 3 for 85c.; \$3.00 per doz.; 25 for \$5.50.

### Shrubby Clematis

**Davidiana.** A most desirable variety with fresh, bright green foliage and very fragrant, bell-shaped, deep lavender-blue flowers during August and September. 35c. each; 3 for \$1.00; \$3.50 per doz.; 25 for \$6.50.

### Coreopsis

**Lanceolata grandiflora.** Flowers rich golden yellow, of graceful form, making them fine for cutting. A few plants make a handsome display, either planted individually or in clumps. Dozens of flowers are produced on a single plant, and where quantity and quality are wanted, *Coreopsis* should be planted. June till October. 25c. each; 3 for 70c.; \$2.50 per doz.; 25 for \$4.50.

### Coronilla

**Cappadocica.** A glaucous mat emblazoned with a coronet of golden, pea-shaped flowers during late May, June, and July. Best in full sun. A novelty of the highest merit. 50c. each; 3 for \$1.35; \$5.00 per doz.; 25 for \$9.00.

### New Double Daisy, White Swan

Here is a Daisy that will compare with the double pyrethrums. It produces solid, double, pure white flowers on wiry stems 1½ to 2 feet long. It is not unusual for one plant to produce from 15 to 20 flowers during late May and early June. The flowers are uniform, of good size, and excellent for cutting. Perfectly hardy. 50c. each; 3 for \$1.35; \$5.00 per doz.; 25 for \$9.00.

### New Shasta Daisy

**Chiffon.** A daintily frilled Shasta which grows about 1½ feet high. Its flowers are formed by a double row of narrow petals, frilled and flared at the edges. The center is clear yellow and the flower is about 3 inches in diameter. Its general effect in the garden and in a vase is one of light airiness and pleasing daintiness. 50c. each; 3 for \$1.35; \$5.00 per doz.; 25 for \$9.00.

**Shasta Daisy (Alaska).** A decided improvement on the original, with blooms 4½ to 5 inches across, of pure glistening white. Very free flowering and in bloom all summer and fall. 30c. each; 3 for 85c.; \$3.00 per doz.; 25 for \$5.50.

### Standard Hardy Delphiniums

**Belladonna.** The clear turquoise-blue of its flowers is not equaled for delicacy and beauty by any other flower.

**Bellamosum.** A dark blue form of *Belladonna*, with which it is identical excepting in color, which is a rich deep blue.

**Chinense.** A very pretty dwarf species, with fine feathery foliage and intense gentian-blue flowers in open panicles.

**Chinense album.** Pure white form of the above.

All Standard Hardy Delphiniums, 30c. each; 3 for 85c.; \$3.00 per doz.; 25 for \$5.50



Digitalis, Giant Shirley

### DELPHINIUMS, continued

**Michell's Gold Medal Hybrids, Mixed.** The plants are of strong, vigorous habit, with large flowers on spikes 2 feet long and over. 35c. each; 3 for \$1.00; \$3.50 per doz.; 25 for \$6.50.

**Paramount Hybrids.** These are selections from our Hollyhock strain but can be supplied in mixed colors only. 50c. each; 3 for \$1.35; \$5.00 per doz.; 25 for \$9.00.

### \*Dianthus • Pinks

These brilliantly colored flowers appear in great numbers on the plant and have a rich clove scent. They are much used for table bowls, as a cut-flower. For edging hardy borders, garden walks, or planted in rock-gardens, they fill an important place. They are at their height of bloom in June.

**Deltoides.** Maiden Pink. A continuous-blooming variety with pink flowers. Especially suited for rockwork.

**Deltoides albus.** White flowers.

Either of the above, 25c. each; 3 for 70c.; \$2.50 per doz.; 25 for \$4.50

### Dictamnus • Gas Plant

**Fraxinella caucasica.** A showy border plant with spikes of pink flowers. Fragrant foliage.

**Fraxinella alba.** The white-flowered variety of the above.

Either of the above, 40c. each; 3 for \$1.15; \$4.00 per doz.; 25 for \$7.50

### Dicentra • Dielytra

\***Eximia.** Fringed Bleeding-Heart. A dwarf-growing variety with beautiful, finely cut foliage and showy racemes of pretty pink flowers throughout the season. 35c. each; 3 for \$1.00; \$3.50 per doz.; 25 for \$6.50.

**Spectabilis.** Bleeding-Heart; Seal Flower. We are fortunate in again being able to offer this old-fashioned favorite. Its long sprays of graceful, heart-shaped flowers are always attractive. A most satisfactory plant for the hardy border, especially when it can be planted in the shade. Color illustration on insert. 50c. each; 3 for \$1.35; \$5.00 per doz.; 25 for \$9.00.

### Digitalis • Foxglove

The Foxgloves, old-fashioned, dignified, and stately, are wholesome company in any garden. The strong flower-stalks, frequently from 4 to 6 feet high, rising from a luxuriant mass of leaves, always give an appearance of strength to the hardy border, and during their period of flowering dominate the whole garden.

**Ambigua (grandiflora).** Showy pale yellow flowers, veined brown. 2 to 3 ft.

**Giant Shirley, Mixed.** These are a genuine Shirley production of extraordinary size and vigor. The flower-heads are over 3 feet long, crowded with large, bell-shaped blossoms, ranging in color from white and shell-pink to deepest rose, many attractively dotted with crimson and chocolate. We offer these in mixed colors only.

**Purpurea gloxiniaeflora.** Separate colors:  
White Pink Purple

All Digitalis, 30c. each; 3 for 85c.; \$3.00 per doz.; 25 for \$5.50

### Doronicum • Leopards-Bane

**Excelsum.** A very showy, daisy-like flower of clear bright yellow, excellent for cutting. Blooms in April and May. 35c. each; 3 for \$1.00; \$3.50 per doz.; 25 for \$6.50.

Varieties marked \* are suitable for rock-gardens

# Helleborus or Christmas Rose brightens winter's dull days

## Hardy Ferns

Nothing in the world produces such a permanent and satisfactory effect as Ferns. The graceful plants grow on an average from 1 to 2 feet high, according to the variety, and the clumps increase in size and beauty each year. They die down in the winter and break forth again in May.

- ASPIDIUM acrostichoides.** Christmas Fern. 1 ft.  
**Goldianum.** Shield Fern. 2 to 3 ft.  
**ASPLENIUM Filix-femina.** Lady Fern. 12 to 15 in.  
**DICKSONIA punctilobula.** Gossamer Fern. 1½ ft.  
**ONOCLEA struthiopteris.** Ostrich Fern. 2 to 3 ft.  
**Sensibilis.** Sensitive Fern. 1 ft.  
**OSMUNDA cinnamomea.** Cinnamon Fern. 2 ft.  
**Claytoniana.** 2 ft.  
 All Ferns, large plants, 35c. each; 3 for \$1.00; \$3.50 per doz.; 25 for \$6.50

## Gaillardia • Blanket Flower

The beautiful flowers, borne in profusion, make a striking effect. They last a long while as a cut-flower, and are abundant from June until frost. 2 ft.

- Grandiflora.** Dark brown center, surrounded with a rich orange disc; petals on outer edges yellow. 30c. each; 3 for 85c.; \$3.00 per doz.; 25 for \$5.50.

## Three New Gaillardias

**Mr. Sherbrook.** The full, circular flowers are of rich golden yellow with a pale yellow center, unstained by any other color. The large flowers, supported by stout stems above the pale green foliage, continue from early summer until late in the fall. In common with every *Gaillardia grandiflora*, it is so unmindful of the hardships of heat, dryness, and poor soil that it is hard to imagine anyone having difficulty with it as long as it receives its share of sunlight.

**Ruby.** This is a brilliant red with no trace of yellow or brown in its make-up. Blooming all summer, as do few other perennials, the vivid flowers make a continuous showing and furnish abundant cut-flowers as well. The plants we offer are all grown from cuttings, which insures true color in every flower.

**Sun God.** The outstanding Gaillardia. Pure golden yellow throughout, free from marking of any kind. The flower is very large, almost 4 inches across, with broad, overlapping petals. Clean-cut, wiry stems often 2 feet or more in length. A free-flowering, handsome garden plant and an excellent cut-flower.

Any of the above, 50c. each; 3 for \$1.35; \$5.00 per doz.; 25 for \$9.00



Gaillardia, Ruby

## MICHELL'S HARDY PERENNIAL PLANTS

### \*Geum • Aven

Well-known plants noted for their rich coloring and freedom of flowering. Useful for cutting and the rockery or border. May-July.

**Coccineum, Mrs. Bradshaw.** Twice the size of the old double scarlet with huge, frilled petals, giving a full, double appearance. 6 to 10 in. Color illustration on insert.

**Lady Stratheden.** Large, double, rich golden yellow flowers.

Either of the above, 35c. each; 3 for \$1.00; \$3.50 per doz.; 25 for \$6.50

### Gypsophila • Baby's Breath

During August and September this is a mass of delicate white flowers. These may be used as fresh cut-flowers, also for a semi-everlasting effect. They keep for months without water.

**Bristol Fairy.** A wonderful improvement over *G. paniculata fl.-pl.* It is a distinct new form, producing immense panicles of pure white, double flowers very early in the season and continuing until frost. We offer strong plants that will flower next season. 50c. each; 3 for \$1.35; \$5.00 per doz.; 25 for \$9.00.

**Paniculata.** Feathery sprays of white flowers. Useful for effects in bouquets. 30c. each; 3 for 85c.; \$3.00 per doz.; 25 for \$5.50.

**Rosy Veil.** Dwarf. A real pink, free-flowering, double Gypsophila. Flowers are about the same size as Bristol Fairy and bloom continuously until frost. 50c. each; 3 for \$1.35; \$5.00 per doz.; 25 for \$9.00.

### Gypsophila Repens Bodgeri

A new, dwarf, double white Gypsophila, tinted pink, attaining a height of about 2 feet. It blooms at least two weeks earlier than any other double-flowering variety, which makes it particularly desirable, either for garden display or for cutting. 50c. each; 3 for \$1.35; \$5.00 per doz.; 25 for \$9.00.

### Helenium • Sneezewort

These desirable perennials succeed in almost any soil in a sunny location. The flowers are excellent for cutting.

**Autumnale nanum luteum.** Very erect, strong branching habit. Large, pure yellow flowers. 3 ft. 35c. each; 3 for \$1.00; \$3.50 per doz.; 25 for \$6.50.

**Autumnale rubrum.** Bright terra-cotta red. 4 ft.

**Autumnale superbum.** Golden yellow flowers in late summer and fall. 5 to 6 ft.

**Moerheim Beauty.** A valuable border plant of erect, strong habit. Broad bronzy red petals, shading to orange at the tips. Aug., Sept. 2½ ft. 35c. each; 3 for \$1.00; \$3.50 per doz.; 25 for \$6.50.

**Riverton Beauty.** Rich lemon-yellow, with large purplish black cone. 4 ft. Aug., Sept.

All Heleniums, except where noted, 30c. each; 3 for 85c.; \$3.00 per doz.; 25 for \$5.50

### \*Helianthemum

#### Rock- or Sun-Rose

**Perry's Hybrids.** Low-growing, evergreen plants, forming broad clumps which, during their flowering season, July to September, are hidden by a mass of bloom. Very suitable for the front of the border, the rockery, or a dry sunny bank. 35c. each; 3 for \$1.00; \$3.50 per doz.; 25 for \$6.50.

### Helleborus

**Niger.** Christmas Rose. Particularly valuable hardy plants on account of their very early flowering, usually coming into bloom in sheltered, well-drained, partially shaded positions during February or March. Flowers white, flushed with purple, about 2 inches in diameter. 1 ft. \$1.00 each; 3 for \$2.75; \$10.00 per doz.; 25 for \$18.00.



Helleborus niger

### Helianthus • Hardy Sunflower

Very effective in borders, among shrubbery, or as clumps on the lawn, etc. They produce masses of flowers during summer, until frost, which are excellent for cutting and decorative purposes.

**Maximilian.** The latest of all, blooming profusely in October. The fine golden yellow flowers appear in long, graceful sprays. Excellent for cutting. 5 to 7 ft.

**Multiflorus fl.-pl.** Large, double, golden yellow flowers. July, Aug. 4 ft.

Either of the above, 30c. each; 3 for 85c.; \$3.00 per doz.; 25 for \$5.50

### \*Heuchera • Alum-Root; Coral Bells

**Brizoides.** Of the same habit as Sanguinea but with pale pink flowers and more free flowering.

**Sanguinea.** Bright crimson flowers, borne in graceful sprays. Excellent for cutting.

Either of the above, 35c. each; 3 for \$1.00; \$3.50 per doz.; 25 for \$6.50

### Hibiscus • Mallow

**Giant-flowering.** A wonderfully improved form of our greatly admired Marsh Mallows. They are unusually attractive and form real show plants during their flowering season, attaining a height of 6 to 7 feet. Beautiful lacinated foliage and monstrous flowers, measuring from 6 to 8 inches in diameter. We offer these in separate colors: Pink, Red, and White. 35c. each; 3 for \$1.00; \$3.50 per doz.; 25 for \$6.50.

### Hollyhocks

These thrive best in soil that is not too wet and which should be enriched with well-rotted stable or sheep-manure. While perfectly hardy, they should be protected slightly during the winter with leaves, long manure, or straw. To guard against fungus or rust, we recommend spraying the plants in early spring with Pyrox or Bordeaux Mixture.

**DOUBLE.** Our strain of these is very fine, and we offer them in separate colors, double-flowering only: Yellow, Crimson, Pink, and White.

**Early Triumph.** An excellent type of branching habit, 4 to 5 feet high and flowering 10 days earlier than the regular type. Mixed colors only.

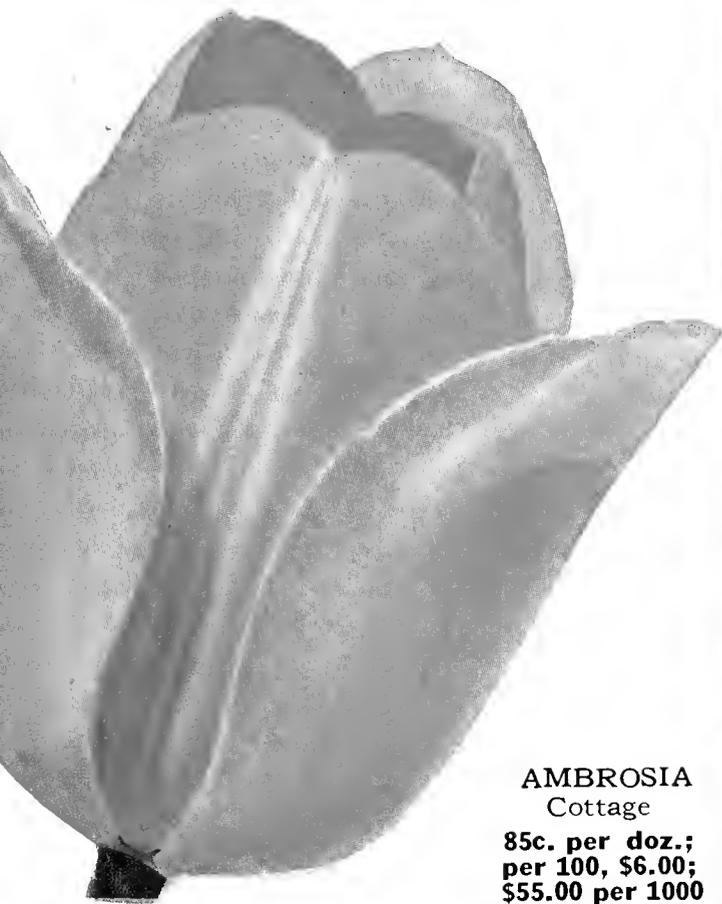
**Single, Mixed.** The artistic single Hollyhock is becoming more popular each season. They are of stronger growth than the double-flowering type and consequently make a better showing. We can supply these in mixed colors only.

All Hollyhocks, 30c. each; 3 for 85c.; \$3.00 per doz.; 25 for \$5.50

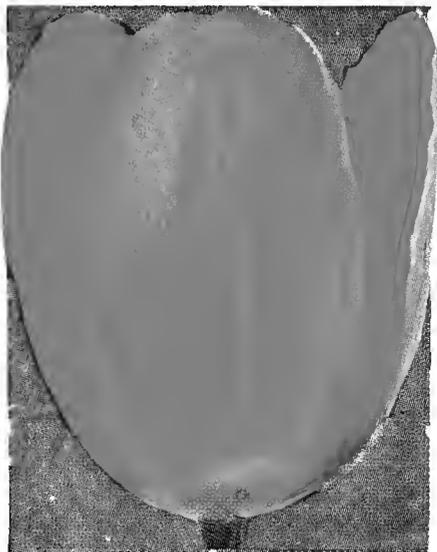
# MICHELL'S OUTSTANDING

Cottage and  
Breeder

## TULIPS



**AMBROSIA**  
Cottage  
85c. per doz.;  
per 100, \$6.00;  
\$55.00 per 1000



**LUCIFER**  
Breeder  
\$1.00 per doz.; per 100,  
\$7.00; \$65.00 per 1000



**ROSABELLA**  
Cottage  
85c. per doz.;  
per 100, \$6.00;  
\$55.00 per 1000



**GRENADIER**  
Cottage  
75c. per doz.; per 100,  
\$5.00; \$45.00 per 1000

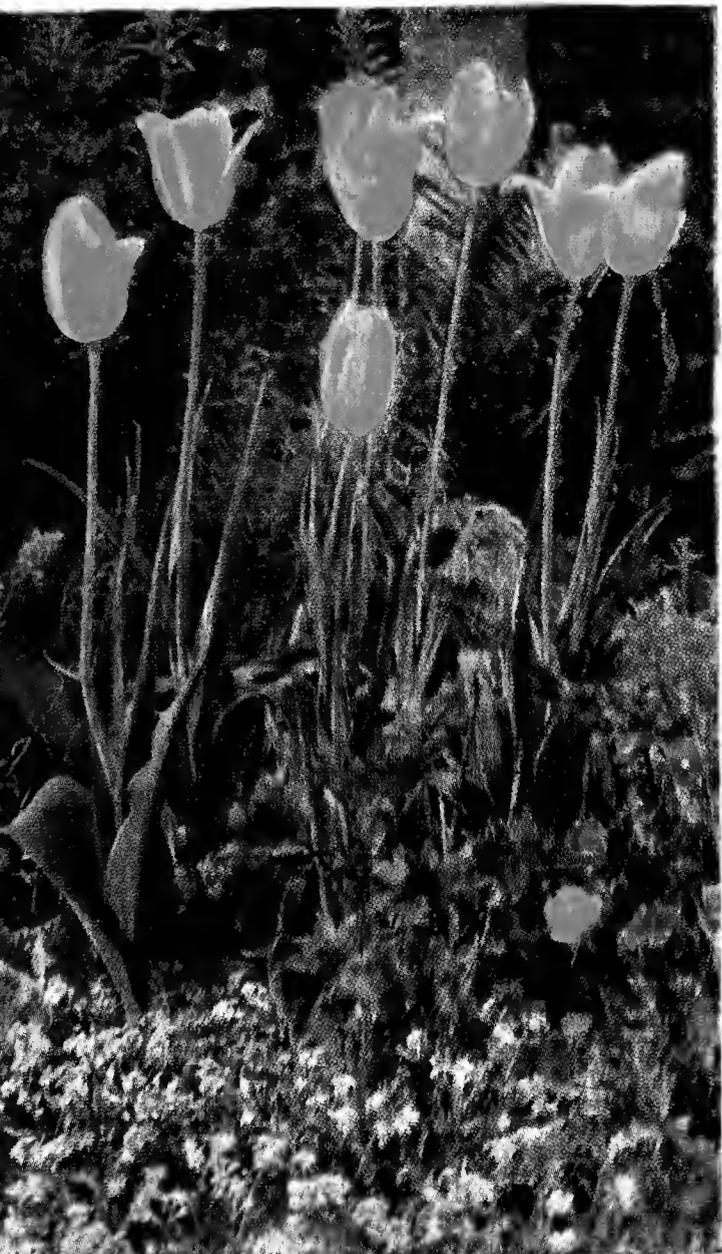
Plant Cottage Tulips  
for thrills and Breeders  
for soul-satisfying,  
quiet beauty.



**ALBINO**  
Cottage  
\$1.10 per doz.; per 100,  
\$8.00; \$75.00 per 1000



**BRONZE QUEEN**  
Breeder  
75c. per doz.; per 100,  
\$5.00; \$45.00 per 1000



**AVIS KENNICOTT**, Cottage  
85c. per doz.; per 100, \$5.50; \$50.00 per 1000

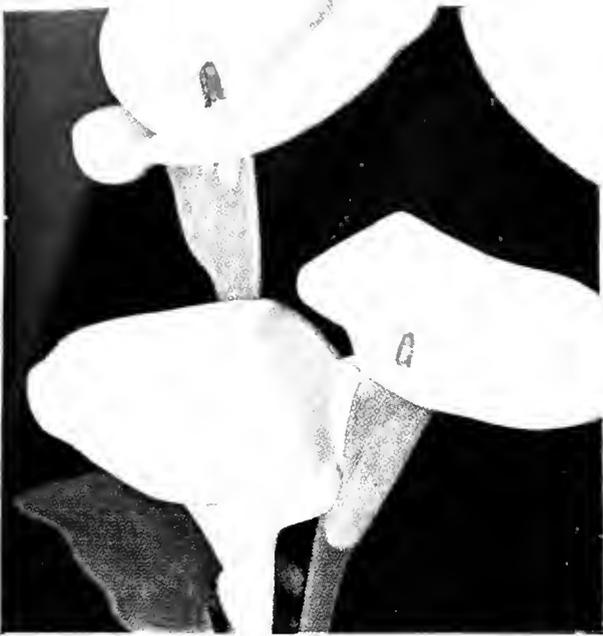


**LOUIS XIV**  
Breeder  
90c. per doz.; per 100,  
\$6.50; \$60.00 per 1000

From early species  
through Earlies and May-  
flowering varieties there are  
many weeks of bloom in  
Tulips.

# MICHELL'S

## *Miscellaneous Bulbs*



**BABY CALLAS, White**  
30c. each; doz. \$3.25; \$25.00 per 100



**TULIPA MARJOLETTI**  
80c. per doz.; per 100, \$5.50;  
\$50.00 per 1000



**IXIAS, MIXED**  
35c. per doz.; per 100, \$2.50



**PAPER-WHITE NARCISSUS**  
Mammoth bulbs, 60c. per doz.;  
per 100, \$3.75; \$32.50 per 1000



**LEUCOCORYNE IXIOIDES  
ODORATA**  
25c. each; doz. \$2.50; \$20.00 per 100



**SCILLA SIBIRICA, Spring Beauty**  
90c. per doz.; per 100, \$7.00



**GIANT NAMED MIXED CROCUSES**  
35c. per doz.; per 100, \$2.50; \$22.50 per 1000

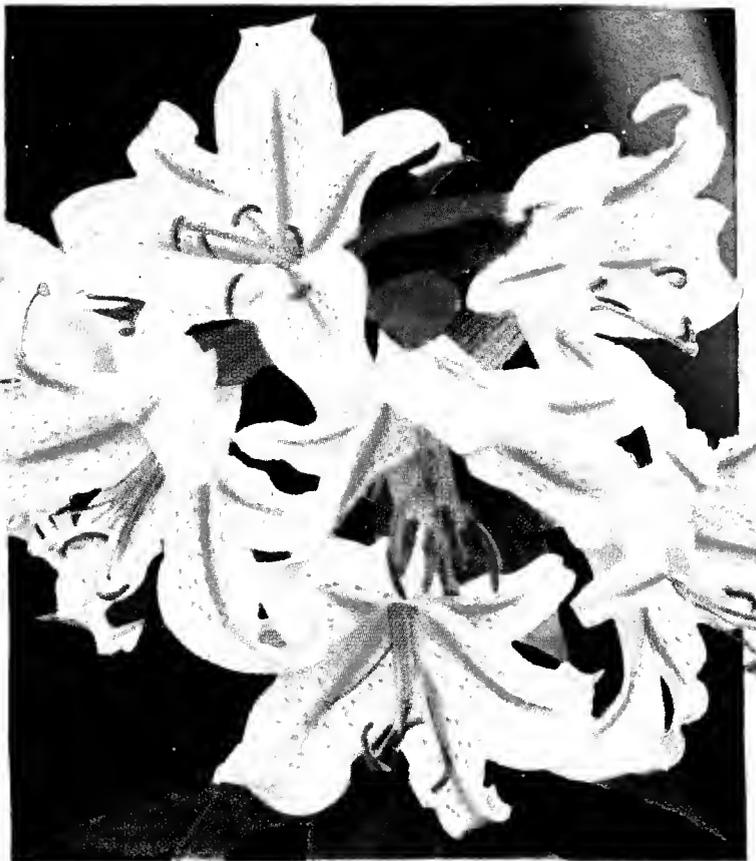
A few miscellaneous bulbs, when thoughtfully placed, add that little touch which changes an ordinary garden into one of distinction. Their "out-of-the-ordinary" flowers are not only things of beauty but so fascinatingly interesting that one wonders why they are not more widely grown.

There are some satisfying items pictured on this page.



LILIUM SPECIOSUM RUBRUM.

Mammoth bulbs, 40c. each; doz. \$4.00; \$27.50 per 100



LILIUM AURATUM.

Mammoth bulbs, 40c. each; doz. \$4.00; \$27.50 per 100

YOU can have three months of Lilies from this collection of five of the most desirable varieties. Anyone can grow them.



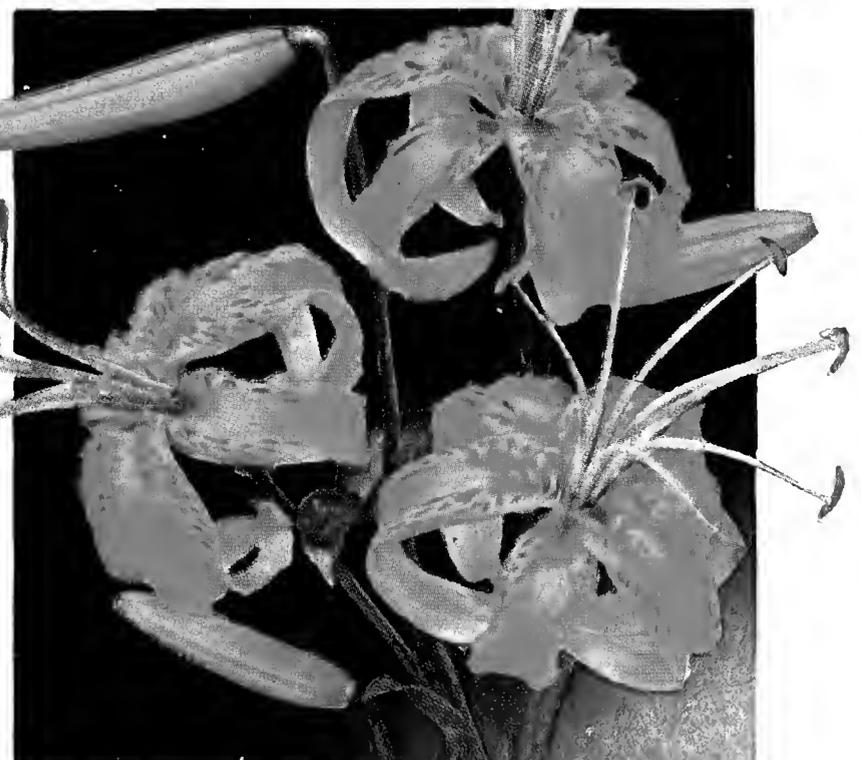
LILIUM REGALE.

Mammoth bulbs, 35c. each; doz. \$3.50; \$25.00 per 100

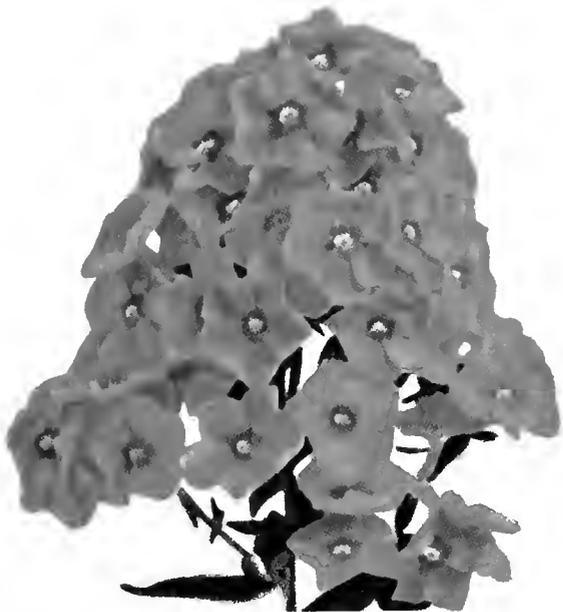


25c. each; doz. \$2.50; \$15.00 per 100

LILIUM PHILIPPINENSE FORMOSANUM



LILIUM HENRYI 40c. each; doz. \$4.00; \$27.50 per 100



PHLOX, Augusta



PHLOX, Daily Sketch



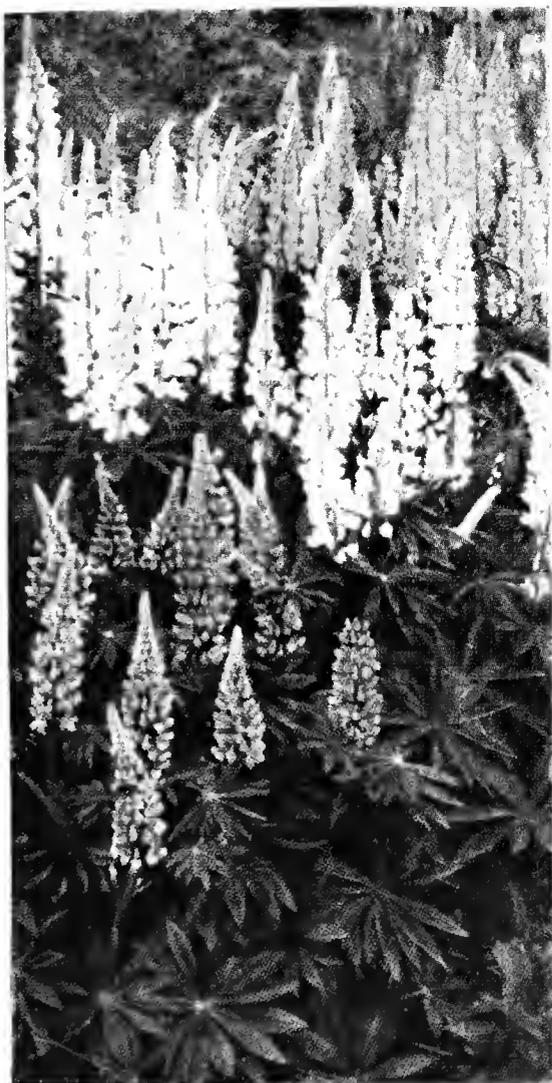
PHLOX, Border Queen

# Old-Fashioned Flowers

FROM APRIL TO OCTOBER

WE take great pride in our collection of old-fashioned flowers, a few of which are illustrated in color here.

	Each	3	Doz.
Phlox, Augusta . . . .	\$0.50	\$1.35	\$5.00
Phlox, Daily Sketch . .	.50	1.35	5.00
Phlox, Border Queen . .	.50	1.35	5.00
Trollius europæus . . .	.40	1.15	4.00
Lupinus polyphyllus . .	.35	1.00	3.50
Geum, Mrs. Bradshaw . .	.35	1.00	3.50
Dielytra spectabilis . .	.50	1.35	5.00



LUPINUS POLYPHYLLUS



TROLLIUS EUROPÆUS



GEUM, Mrs. Bradshaw



DIELYTRA SPECTABILIS (Bleeding-Heart)

# The modern Japanese Iris is a gorgeous flower

## MICHELL'S HARDY PERENNIAL PLANTS

### Iris Germanica • Fleur de Lis

#### Superb New and Rare Varieties

**Gold Imperial.** Chrome-yellow throughout, except for orange beard. 33 in.

**Susan Bliss.** Uniform shade of deep rose-pink. The flower is exquisitely shaped and of excellent substance, opening 3 or 4 at a time. 42 in.

Either of the above, 50c. each; 3 for \$1.35; \$5.00 per doz.; 25 for \$9.00

#### Standard Varieties

**Ambassadeur.** Overlapping standards dull purplish bronze; lovely flaring falls of deep velvety maroon; beard and styles yellow. 48 in.

**Lent A. Williamson.** Standards lavender-violet; falls velvety pansy-purple; brilliant orange beard. Massive flowers of wonderful texture. 48 in.

**Lord of June.** Standards lavender-blue; falls rich violet-blue; fine fragrance. 40 in.

**Mother of Pearl.** Pale bluish lavender, of exceptional substance and texture. 48 in.

**Pallida Dalmatica.** Standards and falls clear lavender-blue, shading to pale silvery blue at the base; sweetly scented. 40 in.

**Shekinah.** Soft lemon-yellow, deepening to rich yellow around its bright orange beard. 36 in.

**Souv. de Mme. Gaudichau.** A brilliant velvety black-purple. Free blooming. 40 in.

All Standard German Iris, 30c. each; 3 for 85c.; \$3.00 per doz.; 25 for \$5.50

**Mixed German Iris.** 20c. each; 3 for 55c.; \$2.00 per doz.; 25 for \$3.75.

### Iris Kaempferi • Japanese Iris

The King of all Iris, and in popularity they can be classed with the hardy phlox and peonies. Coming into flower about the middle of June, they continue for five to six weeks and are particularly welcome at this time. They succeed in almost any soil and like plenty of water when forming their flower-buds.

**Astarte.** Double; beautiful dark violet.

**Circe.** Double; dark violet-blue, delicately veined with white.

**Eumee.** Single; deep violet-blue.

**Gekka-no-Nami.** The best early white. Very free. Pure glistening white with creamy center.

**Gold Bound.** A fine double pure white, enriched by a creamy glow from the gold-banded center.

**Helene.** Double; blue ground, slightly veined with dark blue.

**Hercules.** Double; clear lilac-blue.

**Kagaribi.** A very beautiful all-lavender flower with a yellow spot in the center of each of its six petals. Exceptionally well-formed flower.

**Kuma-Funjin (Excited Bear).** Falls purple-blue; stigmas lighter; long orange bars. Six petals. Very tall grower.

**La Favorite.** Fine, large double white flowers, veined blue, with a rich purple center.

**Mahogany.** Large, double flowers of purple-mahogany-red, the erect petals being prettily crested. The latest to bloom.

**Melpomene.** Double; soft blue, distinctly veined with dark blue.

**Norma.** A very charming double variety, the petals being well spaced and the color a beautiful lavender-pink with clear blue halo.

**Patrocle.** Single; superb deep reddish violet.

**Purple and Gold.** Enormous, double flowers, 10 inches across, rich violet-purple, with white petaloids, tipped violet; the conspicuous golden throat extends outward in sharp bluish white rays. Early and free blooming.

**Reine de Bulgarie.** Soft lilac, lemon-yellow throat. Very good.

**Ski-no-Rayo.** Double; blue and white.

**Templeton.** Double; light violet, mottled reddish pink and white. Very fine form.

All above Iris Kaempferi, 40c. each; 3 for \$1.15; \$4.00 per doz.; 25 for \$7.50

### \*Iris Pumila Hybrida

An early-flowering type, growing from 10 to 12 inches high.

**Cyanea.** Rich royal purple.

**Excelsa.** Lemon-yellow.

**Schneekuppe.** Pure white.

All Iris pumila hybrida, 30c. each; 3 for 85c.; \$3.00 per doz.; 25 for \$5.50

### Iris Intermedia

These bloom earlier than *Iris germanica*.

**Hege.** Standards creamy yellow, falls deeper, veined yellow.

**Spectabilis.** Violet-purple. Free flowering.

Either of the above, 30c. each; 3 for 85c.; \$3.00 per doz.; 25 for \$5.50

### Iris Cristata • Crested Dwarf Iris

A tiny native species growing from 4 to 6 inches high, with delicate, pale lilac flowers in May and June.

### Iris Sibirica

**Emperor.** Rich violet-blue. 36 in.

**Snow Queen.** Pure white. 24 in.

**Sibirica, Perry's Blue.** A recent introduction with very large, clear blue flowers on long stems.

All Iris cristata and I. sibirica, 30c. each; 3 for 85c.; \$3.00 per doz.; 25 for \$5.50

### \*Iberis • Hardy Candytuft

The Hardy Candytufts are low-growing plants, with evergreen foliage. In spring and early summer they are completely covered with dense heads of pure white flowers. For borders and rockeries they are unsurpassed.

**Sempervirens.** Dwarf. Pure white flowers in June. Its uniform neat habit makes it one of our best rock or edging plants. 35c. each; 3 for \$1.00; \$3.50 per doz.; 25 for \$6.50.

### Liatris • Blazing Star; Gayfeather

**Pycnostachya.** Showy, attractive native plants, succeeding anywhere, and producing spikes of light rosy purple flowers in July and August. 5 ft.

**Scariosa.** Deep purple flowers. 3 to 4 ft.

Either of the above, 30c. each; 3 for 85c.; \$3.00 per doz.; 25 for \$5.50

### Lily-of-the-Valley

**Bundles or Clumps.** For outdoor planting only. Bundles contain 12 good-sized pips with good root-growth, all of which will flower with the proper care. They are especially imported from abroad, the best of the stock being selected for us. 60c. per bundle; doz. bundles, \$5.50; \$40.00 per 100 bundles.

### \*Linum • Flax

**Perenne.** A desirable plant for the hardy border or rockery. Light, graceful foliage and large blue flowers all summer. 30c. each; 3 for 85c.; \$3.00 per doz.; 25 for \$5.50.

### Lobelia

Handsome border plants thriving in any good garden soil but preferring a moist loam where they will not suffer from drought.

**Cardinalis.** Cardinal Flower. Rich fiery cardinal flowers.

**Syphilitica.** Great Lobelia. A choice selection of our native Lobelia with large spikes of blue flowers. 2 to 3 ft. July-Sept.

Either of the above, 35c. each; 3 for \$1.00; \$3.50 per doz.; 25 for \$6.50

### Lupinus • Lupins

Color illustration on insert.

**Polyphyllus.** These flower in May and June and are 3 to 4 feet high. **Blue** (very showy), **White**, or **Pink**. 35c. each; 3 for \$1.00; \$3.50 per doz.; 25 for \$6.50.

### Russell Lupins

This new strain of perennial Lupins has caused a sensation in horticultural circles. The long, closely furnished spikes come in a great variety of rich colors—deep yellows, oranges, reds, and brilliant bicolors never before seen in Lupins. The florets are large, with flat, fan-like standards, and, unlike all other Lupins, most of the spikes retain their florets throughout the whole period of development. Strong plants from pots, 75c. each; 3 for \$2.00; \$7.50 per doz.; 25 for \$13.50.

### Lythrum

**Salicaria roseum superbum.** Rose Loosestrife. A strong-growing plant, thriving in almost any position. Large spikes of rose-colored flowers from July to September. 3 to 4 ft. 30c. each; 3 for 85c.; \$3.00 per doz.; 25 for \$5.50.



Japanese Iris

Varieties marked \* are suitable for rock-gardens

## MICHELL'S HARDY PERENNIAL PLANTS

### Lychnis • Campion

All of the Lychnis are of easiest culture, thriving in any soil, and this, in addition to their brightness, has brought them into high favor with lovers of hardy plants.

**Chalcedonica.** A most desirable plant with heads of brilliant orange-scarlet flowers in June and July. 2 to 3 ft.

**Viscaria splendens fl.-pl.** Forms a dense tuft of evergreen foliage, and in June sends up spikes of handsome deep red flowers. 1 ft.

Either of the above, 35c. each; 3 for \$1.00; \$3.50 per doz.; 25 for \$6.50

### Mertensia • Bluebells

**Virginica.** An early spring-flowering plant growing 1 to 1½ feet high, with drooping panicles of handsome light blue flowers fading to clear pink. May, June. 25c. each; 3 for 70c.; \$2.50 per doz.; 25 for \$4.50.

### Monarda • Bergamot

**Didyma, Cambridge Scarlet.** Oswego Tea. Crimson-scarlet. 30c. each; 3 for 85c.; \$3.00 per doz.; 25 for \$5.50.

### \*Nepeta

**Mussini.** An excellent plant for rock-gardens, being a compact grower and forming tufts of small violet-blue flowers during July and August. 30c. each; 3 for 85c.; \$3.00 per doz.; 25 for \$5.50.

### Oenothera • Evening Primrose

The Evening Primroses are elegant subjects for growing in a sunny position, blooming the greater part of the summer.

**Missouriensis.** Large, golden yellow flowers. 1 ft.

**Youngi.** Bright yellow flowers. 1½ ft.

Either of the above, 35c. each; 3 for \$1.00; \$3.50 per doz.; 25 for \$6.50

### Pachysandra

**Terminalis.** An evergreen, trailing plant with thick, glossy green foliage forming a dense mat. Small, grayish white flower-spikes. One of the finest ground-covers. 6 to 8 in. May, June. Strong plants from 3-inch pots, 30c. each; 3 for 85c.; \$3.00 per doz.; 25 for \$5.50.

### Pentstemon • Beard Tongue

**Barbatus Torreyi.** Spikes of brilliant scarlet flowers. 3 to 4 ft. June-Aug.

**Coral Gem.** Coral-pink flowers in large spikes.

**Digitalis.** Large spikes of long, white flowers with purple throats, during June and July. 2 to 3 ft.

All Pentstemons, 30c. each; 3 for 85c.; \$3.00 per doz.; 25 for \$5.50



Nepeta Mussini



Phlox planting

### Michell's Superb New Hardy Phlox

**Augusta.** Plant Patent No. 252. A strong-growing plant of medium height, about 2½ feet when fully grown, with rich bronzy green foliage and stems. Color is best described as a brilliant cherry-red, intense and sparkling. The young florets on opening have a decided orange tint. Unlike most Phlox of this color it does not discolor or bleach in the sun, but the color remains perfect under all weather conditions. Color illustration on insert.

**Border Queen.** A dwarf, pink, strong-growing variety, excellently suited for the front of a border or Phlox planting. Flower-heads are large and round, and individual florets are larger than usual. Color is a clear, deep, watermelon-rose-pink. Color illustration on insert.

**Columbia.** Plant Patent No. 118. Its color suggests a rich cameo-pink with faint blue eye. Blooms do not fade or lose any of their rich pink tone as the flower ages; out of the leaf-joints grow numerous laterals which continue the display. A well-grown two-year plant will produce from 6 to 15 flower-spikes, each about 2½ feet high, stiff and erect. 35c. each; doz., \$3.00; \$20.00 per 100.

**Leo Schlageter.** Strong, healthy grower, with well-branched, pyramidal clusters of large, bright carmine-scarlet flowers, with slightly darker centers.

**P. D. Williams.** Pyramidal trusses of enormous, soft apple-blossom-pink flowers, with darker centers. Grows compact and retains its color. 2½ ft.

**Salmon Glow.** Lovely flame-pink with salmon shadings, softened with lilac and white tints in center, the effect as a whole being a rich salmon. Extremely free flowering and a strong grower, improving with age. A fine new Phlox.

All New Hardy Phlox, except where noted, 50c. each; 3 for \$1.35; \$5.00 per doz.; 25 for \$9.00

### General List of Hardy Phlox

**Antonin Mercie.** Delicate lavender, suffused bluish lilac.

**B. Comte.** Brilliant rich French purple.

**Count Zeppelin.** Very large white flowers with deep crimson eye. A strong grower with no fading or suffusion of the colors.

**Daily Sketch.** Extra-large trusses and individual flowers of light salmon-pink, with very faint carmine eyes. Outstanding. Color illustration on insert. 50c. each; 3 for \$1.35; \$5.00 per doz.

**E. I. Farrington.** A fine variety of erect habit and vigorous growth. Bright salmon-pink shading to soft pink. Always attractive and good for cutting.

**Enchantress.** Bright salmon-pink; vigorous.

**Ethel Pritchard.** A delightful French-mauve Phlox, which, if seen on a cloudy day, looks almost as pale blue as our native *P. divaricata*. A strong grower.

**Firebrand.** Bright vermilion-scarlet with deeper center; large trusses; strong grower.

**Mrs. William Jenkins.** The best pure white.

**Mrs. Milly van Hoboken.** Enormous trusses of bright pink flowers; very showy and outstanding.

**Rheinlander.** Deep salmon-pink, with a distinct bright red eye.

**Rijnstroom.** A splendid new Phlox with gigantic flowers of a bright pink. Quite tall; continues in bloom till frost.

All above Hardy Phlox, except where noted, extra-strong roots which will flower next season, 30c. each; 3 for 85c.; \$3.00 per doz.; 25 for \$5.50.

### Miscellaneous Varieties

**\*Amœna.** A beautiful plant with soft rose-colored flowers. One of the best for rockeries or borders. April, May. 30c. each; 3 for 85c.; \$3.00 per doz.; 25 for \$5.50.

**Divaricata (canadensis).** A patch of these makes a spring show hard to describe. The large heads of fragrant, lavender flowers appear the latter part of April and in May. 30c. each; 3 for 85c.; \$3.00 per doz.; 25 for \$5.50.

**Divaricata Laphami.** A great improvement over Canadensis. The plant is more robust, the flowers larger, and of a more intense shade of lavender-blue. 50c. each; 3 for \$1.35; \$5.00 per doz.; 25 for \$9.00.

### Early-Flowering Varieties

**Miss Verboom.** This is the rose-pink form of Miss Lingard. Habit and foliage are the same and flowers just as early in June. Splendid when planted next to Oriental poppy, Mrs. Perry, and *Hemerocallis flava*. 35c. each; 3 for \$1.00; \$3.50 per doz.; 25 for \$6.50.

**Miss Lingard.** Pure white, with a lilac eye. Very early. 35c. each; 3 for \$1.00; \$3.50 per doz.; 25 for \$6.50.

**Rosalinda.** Lovely soft amaranth-pink blooms borne with the greatest profusion from June until frost. An outstanding variety that should be in every garden and a good companion to the popular Miss Lingard. 35c. each; 3 for \$1.00; \$3.50 per doz.; 25 for \$6.50.

### \*Phlox Subulata • Moss Pink

**Alba.** Moss-like evergreen foliage, tucking close to the ground and covered completely with star-like white flowers in May.

**Apple Blossom.** A real addition to the Subulata class. Dwarf, compact grower, covered with a profusion of apple-blossom-pink flowers.

**Atropurpurea.** Distinct form of Subulata. Rich French purple flowers. Very free flowering and outstanding.

**Fairy.** Pale blue, with dark purple eye. A neat, compact grower. Very desirable rock-plant.

**Rosea.** The same as above, but with pure pink flowers.

**Vivid.** A new introduction with bright rose-colored flowers.

All Phlox subulata, 30c. each; 3 for 85c.; \$3.00 per doz.; 25 for \$5.50

# The old-fashioned "Piney" is yet one grand garden flower



## Michell's Giant-flowering Peonies

These are the most popular June flowers, next to roses, and justly so, for they lend themselves to almost any style of planting, while, for the little care required, they give a variety of color and wealth of bloom unequalled by any other plant. Their requirements are few; they will succeed in any good garden soil in an open, sunny position. Care should be taken, however, to keep all fresh manure away from the roots—if barnyard manure is used it must be thoroughly decomposed; if you are unable to procure this, bonemeal makes a good fertilizer. Peonies may be planted any time after September 1 until the ground freezes in the autumn, and in the early spring until the season is too far advanced. The best time, however, is during September and October, as they make roots during the moist, cool weather of autumn and consequently carry through the winter in better shape. The roots should be set so that the top or upper eyes are about 2 or not more than 3 inches below the level of the soil; do not set the roots flat, but stand them up. For the best

results, Peonies should be planted from 3 to 4 feet apart each way, according to the space at your disposal; the ground around them should be well cultivated at all times, and in the spring, after growth starts, they should have an abundance of water if the season is at all dry. When cutting the flowers, always leave one or two bottom leaves; it is best to leave a few flowers on the plant also, as it is of vital importance that sufficient foliage be left to develop the eyes under the ground for next season's growth. Newly planted roots may not develop a characteristic flower the first season; in fact, it is usually not until the third year that perfect flowers, true to description, will be produced. Peonies are seldom troubled with any disease or insect pests. Ants sometimes appear on the buds, coming to gather a sweet gum which the bud exudes while developing; but they will do no harm, disappearing when the flower opens.

**Adolphe Rousseau.** Double type. Early mid-season. Very tall, strong grower with erect, stiff stems and large, perfectly formed, dark velvety red flowers with garnet hues and a distinct metallic reflex. 75c. each.

**Avalanche.** Double type; late midseason. Large; blush-white with a very narrow crimson edge to a few petals. Plants of medium height, free flowering, and extra-strong growers. 75c. each.

**Baroness Schroeder.** Rose type; late mid-season. Flesh white, fading to milk-white. Immense, globular flowers of perfect form and very lasting substance, ideal for cutting. Does fine in southern localities. 75c. each.

**Edulis Superba.** Decoration Day Peony. Crown type. Very early. Beautiful, bright, clear mauve-pink with silvery reflex. 75c. each.

**Enchanteresse.** Double type; very late. Very large white flowers with lemon tints in collar and crimson wire edges to a few center petals. A tall grower. 75c. each.

**Felix Crousse.** Rose type. Late midseason. Rich, dazzling ruby-red without a tinge of purple. None better. 75c. each.

**Festiva Maxima.** Rose type. Early. The finest white in existence. Blooms pure white with clear carmine spot on edge of center petal. 75c. each.

**Georgiana Shaylor.** Rose type; late midseason. Large, globular, compact, flesh-pink flower with wide, graceful petals. 75c. each.

**Karl Rosenfield.** Semi-rose type. Midseason. Very large, globular, compact flower of rich dark crimson. Extremely strong, tall, compact grower and free bloomer. 75c. each.

**Marie Jacquin.** Semi-double type. Midseason. Large, globular flowers that come singly on young plants, and the laterals bloom about the same time as the terminal flowers. Glossy rose-white. Sometimes called the "Water Lily Peony" on account of the pleasing cupped form. 75c. each.

**Mme. Emile Galle.** Double type; late. Large, very light rose-pink blooms, deeper in center. Plants of medium height and very free flowering. About the daintiest colorings and texture to be found in a flower. A favorite variety. 75c. each.

**Mons. Dupont.** Double type; late midseason. Large white flowers with a yellow glow from buried stamens and very conspicuous crimson blotches on central petals. A tall grower, very free flowering, and one of the thoroughly good Peonies. 75c. each.

**Mons. Jules Elie.** Bomb type. Early mid-season. Very large flower of ideal glossy shell-pink, shading to a deeper rose at the base, the entire flower overlaid with a sheen of silver; fragrant. Medium height; prolific bloomer. 75c. each.

**Mons. Martin Cahuzac.** Semi-rose type; mid-season. A perfect ball of deep maroon with garnet hues and brilliant black lustre, claimed by some to be the darkest Peony in existence. A very distinct and handsome variety. \$1.50 each.

**Primevere.** Anemone type; midseason. Medium-sized flowers, with creamy white guards and centers of narrow yellow petals. A tall grower and very free flowering. Probably the most desirable and dependable of the so-called "yellow" Peonies. \$1.00 each.

**Phoebe Cary.** Double type; very late. Pale old-rose-pink, deepening toward the center; large. Tall and very floriferous. This is a flower of unusual refinement and character. \$1.00 each.

**Richard Carvel.** Double type; very early. Large, bright crimson flowers, with broad guard petals and irregular incurved high center. A tall grower and very free flowering. The most valuable very early red and very good for cutting. \$1.00 each.

**Therese.** Rose type; midseason. Very large, beautiful soft pink flower with a glossy reflex. Very fragrant. Erect, strong, and amazingly free flowering. \$1.00 each.

**Venus.** Double type. Midseason. Exquisite pointed buds, opening into large, compact, very fragrant flowers of pale hydrangea-pink with lighter collar. 75c. each.

**Walter Faxon.** Semi-rose type; midseason. Large, globular flowers of perfect form, bright rose-pink with salmon shadings. A most distinctive variety of wonderful lasting qualities. One of the best pinks. \$1.00 each.

### Peonies in Color

We can supply good strong roots in separate colors, or all colors mixed, at prices quoted below. These should not be compared to the cheap mixtures sometimes offered at a low price, as they are, for the most part, choice varieties from which the labels have been lost, or have been mixed in planting. Some very choice Peonies will be found in these mixtures.

	Each	3	12	25
<b>Double Pink</b> . . . . .	\$0 50	\$1 35	\$5 00	\$9 00
<b>Double Red</b> . . . . .	50	1 35	5 00	9 00
<b>Double White</b> . . . . .	50	1 35	5 00	9 00

## MICHELL'S HARDY PERENNIAL PLANTS

### Physalis • Chinese Lantern Plant

**Francheti.** An ornamental variety of the Winter Cherry, forming dense bushes about 2 feet high, producing freely its bright orange-scarlet, lantern-like fruits. Highly interesting. 30c. each; 3 for 85c.; \$3.00 per doz.; 25 for \$5.50.

### Physostegia • False Dragonhead

One of the most beautiful of our midsummer flowering perennials, forming dense bushes 4 to 6 feet high, bearing spikes of delicate tubular flowers, not unlike a gigantic heather.

**Grandiflora, Vivid.** A new variety growing from 1½ to 2 feet high, bearing a profusion of bright violet-mauve flowers. 30c. each; 3 for 85c.; \$3.00 per doz.; 25 for \$5.50.

### Platycodon • Balloon Flower

The Platycodons are closely allied to the campanulas, and form neat, branched bushes of upright habit. Mrs. Ely says of them: "Do best if planted in early spring. They grow from 2 to 2½ feet high, and after the third season each plant will have from ten to twelve stalks covered with the lovely blue or white blossoms during July and August."

**Grandiflorum.** Deep blue, cupped, star-shaped flowers.

**Grandiflorum album.** A white-flowered form of the above.

Either of the above, 30c. each; 3 for 85c.; \$3.00 per doz.; 25 for \$5.50

### \*Plumbago • Leadwort

**Larpenae.** One of the most desirable border and rock-plants. It is of dwarf, spreading habit, growing 6 to 8 inches high, covered with deep blue flowers during the summer and fall months. 35c. each; 3 for \$1.00; \$3.50 per doz.; 25 for \$6.50.

### Polemonium

**Blue Pearl.** Has finely cut, deep green foliage and showy spikes of baby-blue flowers in April and May. Sun or shady places. 9 in. 50c. each; 3 for \$1.35; \$5.00 per doz.; 25 for \$9.00.

### Oriental Poppies

*Papaver orientale*

These are the royal representatives of this popular genus, growing about 3 feet high and far surpassing in magnificence of bloom all the other types.

**Mrs. Perry.** Beautiful large flowers in a soft shade of salmon-rose. This variety should be in every garden.

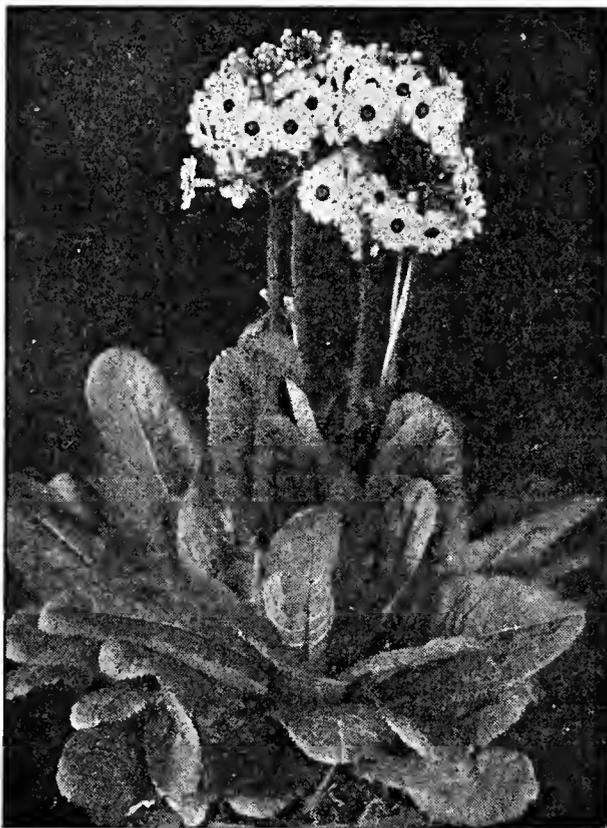
**Olympia.** New double variety. Brilliant scarlet flowers overlaid with golden salmon—a most beautiful combination.

**Orientalis.** Tremendous, cup-shaped blooms of the brightest crimson-scarlet, with large, purplish black blotches at bases of petals, creating a wonderful contrast when bloom is fully open. Clumps of these throughout the border add a brilliancy that no other flower can provide.

**Perry's White.** Pure satiny white with a bold crimson blotch at the base of each petal. 50c. each; 3 for \$1.35; \$5.00 per doz.; 25 for \$9.00.

**Wurtembergia.** One of the finest rich orange-red varieties.

All Oriental Poppies, except where noted, 35c. each; 3 for \$1.00; \$3.50 per doz.; 25 for \$6.50



Primula japonica Hybrids

### \*Primula • Hardy Primrose

One of the first of the early spring flowers. They delight in a rich soil, preferably in a semi-shaded location. Some of the varieties are richly colored, and are worthy of a place in every hardy garden. As a hardy border edging, as well as for rockery planting, it can be highly recommended.

#### New Primula, Double Lavender

A very free-flowering variety with beautiful double lavender flowers. 60c. each; 3 for \$1.65; \$6.00 per doz.; 25 for \$10.50.

**Auricula.** Relatively rare plants which enjoy moist conditions and some shade. The leathery leaves are particularly attractive and the large, round flowers come in appealing shades of many colors, all of them marked with a distinctly clear contrasting eye.

**Bulleyana.** One of the loveliest of the Chinese section, with heads of terra-cotta to orange-yellow flowers produced in tiers. Best in a little shade and moisture. 50c. each; 3 for \$1.35; \$5.00 per doz.; 25 for \$9.00.

**Cashmeriana.** The earliest Primrose to bloom in the spring. Deep orchid-lavender flowers in dense heads. 50c. each; 3 for \$1.35; \$5.00 per doz.; 25 for \$9.00.

**Japonica Hybrids, Mixed.** A fine mixture of colors: rose, white, carmine with yellow center. Very fine for large plantings. 20 in. July, Aug.

**Moerheimi.** An excellent strain of Hybrid Japonica forms, in shades of yellow, orange, pink, and lilac, on stems 2 feet high. These candelabra Primulas are fine for naturalizing in part shade or in semi-moist locations. 50c. each; 3 for \$1.35; \$5.00 per doz.; 25 for \$9.00.

**Munstead Giants, Mixed.** A magnificent strain of bunch Primroses, with flowers of large size in wonderful shades of yellow, from cream to rich orange, also white and charming "eyed" sorts.

**Cerulea.** Shades of blue.

**Red Shades.** The above strain in a variety of red hues.

**Yellow Shades.** Yellow varieties of the Munstead Strain.

**Veris.** English Cowslip. A mixture comprising the various shades of red and yellow. Excellent for the spring-blooming garden.

**Vulgaris.** English Primrose. Trusses of beautiful light canary-yellow flowers on long stems.

All Primulas, except where noted, 35c. each; 3 for \$1.00; \$3.50 per doz.; 25 for \$6.50

### Pulmonaria • Lungwort

**Angustifolia azurea.** Blue Cowslip. The prettiest of the blue Cowslips. Grows about 1 foot high and is one of the first to bloom in early spring. The attractive, funnel-shaped flowers are a deep gentian-blue. Very desirable. 35c. each; 3 for \$1.00; \$3.50 per doz.; 25 for \$6.50.

### Pyrethrum

#### Double Pyrethrums

A welcome addition to the hardy border. The flowers are freely produced on vigorous stems 2 feet high. Individual flowers are often 3 inches across, with full, rich contrasting centers. All Pyrethrums enjoy a rich loam with liberal dressings of rotted cow-manure.

**Brilliant.** A glowing and striking crimson of exquisite form and texture.

**Miami Queen.** This luscious deep pink variety has won instant recognition for its merits. It blooms with unstinting abundance during May and June, and often again in the fall.

**Sylvia.** A very fine white variety.

All Double Pyrethrums, 75c. each; 3 for \$2.00; \$7.50 per doz.; 25 for \$13.50

#### Pyrethrum Hybridum

**Single-flowering, Mixed.** A good old-fashioned perennial with flowers resembling colored daisies and blooming in June. Succeeds in any good garden soil in a sunny position and does best when left undisturbed for two or three years, but should be given an annual top-dressing of well-rotted manure. Comes in mixture only, ranging from pure white to dark red. 30c. each; 3 for 85c.; \$3.00 per doz.; 25 for \$5.50.

### Ranunculus • Crowfoot; Buttercup

**\*Acris fl.-pl.** Tall Double Buttercup. A double-flowered form of our common Buttercup. 2 ft. May, June.

**Repens fl.-pl.** Creeping Double Buttercup. Pretty, double-flowering golden Buttercup. Masses of flowers during May and June.

Either of the above, 25c. each; 3 for 70c.; \$2.50 per doz.; 25 for \$4.50

### Rudbeckia • Coneflower

Indispensable plants for the hardy border, growing and thriving anywhere, giving a wealth of bloom well suited for cutting.

**Golden Glow.** A strong, robust grower, attaining a height of 5 to 6 feet, and producing masses of double, golden yellow flowers resembling a Cactus dahlia, from July to September.

**Newmanni.** Dark orange-yellow flowers, with deep purple cones. Good stiff stems 3 feet high. July-Sept.

**Purpurea.** Giant Purple Coneflower. Flowers about 4 inches across, of a peculiar reddish purple, with a remarkably large cone-shaped center of brown. The bushy plants are 3 feet high and bloom from July to October.

All Rudbeckias, 30c. each; 3 for 85c.; \$3.00 per doz.; 25 for \$5.50

### \*Saponaria • Soapwort

**Ocymoides splendens.** A good subject for the border or rockery, producing freely masses of bright rose-pink flowers. 30c. each; 3 for 85c.; \$3.00 per doz.; 25 for \$5.50.

### \*Saxifraga • Saxifrage; Rockfoil

Very useful plants, growing about 1 foot high, having broad, deep green foliage and thriving in any soil in almost any position. The pretty rose-pink flowers appear very early in the spring, almost as soon as the frost is out of the ground.

**Cordifolia.** Rosy pink flowers. Extra-strong plants, 50c. each; 3 for \$1.35; \$5.00 per doz.; 25 for \$9.00.

## MICHELL'S HARDY PERENNIAL PLANTS

### Scabiosa

The hardy variety is even more wonderful and of greater beauty than the annual sort, commonly called Mourning Bride. Its gigantic flowers frequently measure 3 inches and more in diameter. Delights in a sunny position, and is a cut-flower few perennials can equal. It lasts a long while in water. The average height is about 2½ feet. Very free flowering.

**Caucasica.** A delicate shade of lavender-blue, starting to flower in June and lasting well through the summer.

**Caucasica alba.** Like the above, except that the flowers are white.

**Caucasica, Giant Blue.** Isaac House Strain. An excellent improvement on the Caucasica type. Flowers larger and with longer stems, ranging from light lavender to dark blue. Excellent for cutting.

All Scabiosas, 35c. each; 3 for \$1.00;  
\$3.50 per doz.; 25 for \$6.50

### Sedum • Stonecrop

#### \*Dwarf Varieties

Suitable for the rockery and covering of graves, etc.

**Acre.** Golden Moss. Green foliage and bright yellow flowers. Much used for covering graves.

**Sieboldi.** Round, succulent, glaucous foliage. Bright pink flowers during August and September.

#### Erect-Growing Varieties

Useful and pretty plants for the border, producing their interesting flowers during the late summer and fall.

**Spectabile.** A pretty, erect-growing variety with broad, light green foliage, and immense heads of showy, rose-colored flowers during the autumn. 1½ ft.

**Spectabile, Brilliant.** A rich-colored form of the above, being a bright amaranth-red.

All Sedums, 30c. each; 3 for 85c.; \$3.00 per doz.;  
25 for \$5.50

### Sidalcea

**Rose Queen.** Bright rose-colored, mallow-like flowers during June and July. 35c. each; 3 for \$1.00; \$3.50 per doz.; 25 for \$6.50.

### Spiraea • Spirea

Elegant border plants with feathery plumes of flowers and neat, attractive foliage. Succeed best in a half-shaded location in rich, moist soil.

**Filipendula.** Dropwort. Numerous corymbs of white flowers on stems 15 inches high, during June and July. Pretty fern-like foliage.

**Palmata.** Crimson Meadowsweet. One of the most beautiful hardy plants. The deep purple-red of the stems and branches passes into the crimson-purple of the broad corymbs of flowers which are produced very freely during June and July. 3 ft

**Ulmaria fl.-pl.** Meadowsweet. Double white flowers during July and August. 3 ft.

All Spiræas, 40c. each; 3 for \$1.15; \$4.00 per doz.;  
25 for \$7.50

#### \*Statice Limonium • Sea-Lavender

**Latifolia.** Great Sea-Lavender. Handsome plants with heads of dark blue flowers that when dried last for months. Invaluable for cutting. 1 to 2 ft. 30c. each; 3 for 85c.; \$3.00 per doz.; 25 for \$5.50.

### Stokesia • Cornflower Aster

**Cyanea.** The very light blue flower has the appearance of combining a giant cornflower and an aster. Plants are 1½ feet high, of spreading habit, blooming from June until frost. Succeeds in most any location.

**Cyanea alba.** Pure white form of above.

Either of the above, 30c. each; 3 for 85c.;  
\$3.00 per doz.; 25 for \$5.50

### Sweet William • Dianthus barbatus

This plant occupies a foremost position, producing, early in spring, quantities of bloom which make a grand effect, for they flower earlier than other perennials.

**Michell's Prize Mixture.** All colors.

**Pink Beauty.** Sometimes called "Newport Pink." An excellent shade of salmon with immense flower trusses.

**Scarlet Beauty.** A beautiful shade of deep scarlet.

All Sweet Williams, 30c. each; 3 for 85c.;  
\$3.00 per doz.; 25 for \$5.50

### Thalictrum • Meadow-Rue

**Adiantifolium.** A beautiful variety, with foliage like the maidenhair fern and miniature white flowers in June and July. 1½ to 2 ft.

**Aquilegifolium.** Graceful foliage like that of a columbine and rosy purple flowers from May to July. 2 to 3 ft.

Either of the above, 35c. each; 3 for \$1.00;  
\$3.50 per doz.; 25 for \$6.50

#### \*Thymus • Thyme

**Serpyllum albus.** White Mountain Thyme. Forms dense mats of dark green foliage, with clouds of white flowers during June and July. 3 to 4 in.

**Serpyllum coccineum.** Scarlet Thyme. Dark green foliage and bright red flowers.

**Serpyllum lanuginosus.** Woolly-leaved Thyme. Grayish foliage with rosy lilac flowers.

**Serpyllum vulgare aurea (citriodorus aureus).** The golden-leaved, lemon-scented Thyme.

All Thymus, 35c. each; 3 for \$1.00; \$3.50 per doz.;  
25 for \$6.50

### Tradescantia • Spiderwort

**Virginiana.** Produces a succession of blue flowers all summer. 2 ft. 30c. each; 3 for 85c.; \$3.00 per doz.; 25 for \$5.50.

### Trillium • Wood-Lily; Wake-Robin

**Grandiflorum.** The largest white Trillium, and probably the handsomest. Excellent plants for shady positions in the hardy border, or in a subaquatic position, flowering in early spring. 1 to 1½ ft. 20c. each; 3 for 55c.; \$2.00 per doz.; 25 for \$3.75.

### Trollius • Globe-Flower

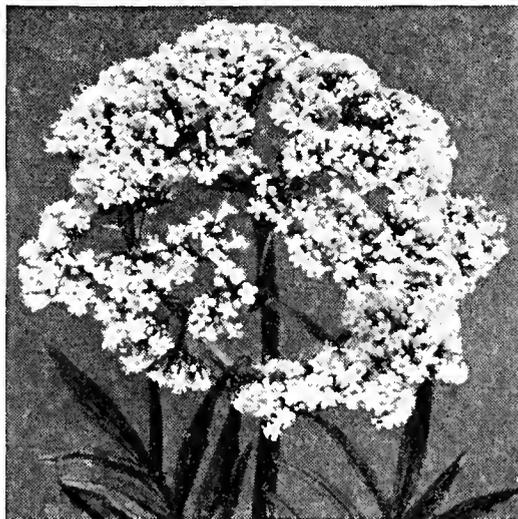
**Europæus.** Desirable, free-flowering plants, producing their giant bright yellow, buttercup-like blossoms on stems 1 to 2 feet high from May until August. Color illustration on insert.

**Goldquelle.** Large, globular flowers of a rich orange-yellow.

**Ledebouri.** Prolongs the blooming season with its bright orange-yellow flowers. 3 to 3½ ft.

**Orange Prince.** Large orange flowers during May and June. Wonderful for cutting.

All Trollius, 40c. each; 3 for \$1.15; \$4.00 per  
doz.; 25 for \$7.50



Valeriana officinalis

### Valeriana • Valerian

**Officinalis.** Hardy Garden Heliotrope. Produces, during June and July, showy heads of rose-tinted white flowers, with heliotrope odor. 3 to 4 ft. 30c. each; 3 for 85c.; \$3.00 per doz.; 25 for \$5.50.

### Veronica • Speedwell

A large and much-cultivated group of blue-flowered perennials that are great favorites in the hardy garden. The taller forms are very pretty border plants, while the more dwarf, spreading forms are well adapted to the rockery. Unexcelled for cutting purposes.

**Amethystina.** Amethyst-blue flowers on short spikes. 2 ft. May, June.

**Blue Spire.** A hybrid of *V. longifolia subsessilis* and *V. spicata* which has retained the glorious dark color of *Subsessilis*. Makes a bushy plant about 2 feet high. A real addition to the summer blues. 50c. each; 3 for \$1.35; \$5.00 per doz.; 25 for \$9.00.

**\*Incana.** Bright silvery foliage with spikes of amethyst-blue flowers during July and August. 1 ft.

**Longifolia subsessilis.** Japanese Speedwell. The handsomest blue-flowered plant we know, growing to a height of 2 feet and completely studded with its spikes of blue flowers; fine for cutting. Aug.-Oct.

**\*Rupestris, Heavenly Blue.** Dwarf and spreading. Flowers very early, of an exquisite shade of blue.

**\*Spicata.** Long spikes of bright blue flowers during June and July. An excellent border plant. 1½ ft. 30c. each; doz., \$2.75.

All Veronicas, except where noted, 35c. each;  
3 for \$1.00; \$3.50 per doz.; 25 for \$6.50

#### \*Vinca • Periwinkle

##### Trailing Myrtle

**Alpina.** This new Vinca is a deep, glowing, velvety claret. Although endowed with a vigorous constitution, the habit is refined, compact, and never becomes straggly. It is a prolific bloomer throughout the growing season, excellently adapted for sun or partial shade. 35c. each; 3 for \$1.00; \$3.50 per doz.; 25 for \$6.50.

**\*Bowles' Variety.** This new European form is more desirable in every respect than the common type. The foliage is broader and rich glossy green, of strong texture. Flowers are not only larger but of a deeper rich blue and are borne with remarkable profusion. 30c. each; 3 for 85c.; \$3.00 per doz.; 25 for \$5.50.

**Minor.** Green foliage. Lavender flowers. Extra-strong plants, 20c. each; 3 for 55c.; \$2.00 per doz.; 25 for \$3.50; \$12.00 per 100.

### Viola Odorata • Sweet Violet

**DOUBLE RUSSIAN.** Perfectly hardy anywhere, producing double, sweet-scented flowers in abundance. An excellent subject for that troublesome shady place. 50c. each; 3 for \$1.35; \$5.00 per doz.; 25 for \$9.00.

**ROSINA.** Exquisitely fragrant, rich rosy pink flowers entirely different from any other Viola we have ever seen. In spring a mass of pink flowers appears before the foliage, with a continuous sprinkle of flowers until frost. Does well in a sandy soil and in a semi-shady position. Grows 8 inches high. 40c. each; 3 for \$1.15; \$4.00 per doz.; 25 for \$7.50.

#### Yucca • Adam's Needle

This plant appears to best advantage if used as individual specimens, either on the lawn or in the shrubby border. The slender, pointed foliage is of an evergreen nature. Tall flower-spikes rise 4 to 5 feet above the plant and are decked with cream-white, bell-shaped, drooping flowers during July and August.

**Filamentosa.** White, with reflexed flower bells. Extra-strong plants, 40c. each; 3 for \$1.15; \$4.00 per doz.; 25 for \$7.50.



## Michell's Dormant Field-Grown Hybrid Tea Roses FOR FALL PLANTING

Any of the following Hybrid Tea Roses, 75c. each; per doz., \$7.50

Spring planting was formerly the rule, but now many of the most successful Rose-growers prefer to plant their Roses in the autumn, claiming that they have more success. Plants shipped in the dormant state take up very little room and may be safely shipped by Parcel Post.

If there is danger of the ground freezing before the arrival of the plants, protect the space where you wish to plant them by a covering of leaves or other loose litter. Plant as soon as they arrive, covering the bud with

at least one inch of soil. Mound the earth about 12 inches high around the base of the plants, thus covering the buds on the lower ends of the branches, which protects them from alternate freezing and thawing, so injurious to Rose bushes. Early in spring, before growth starts, but after danger of severe frost is over, remove this covering of earth and prune the plants.

**Autumn.** Novel and distinct in coloring—burnt-orange, streaked with red. Close, compact growth.

**Briarcliff.** A popular florists' Rose that has more than made good in the garden. Its size, form, color, stem, and foliage leave nothing to be desired. Large, glowing rose-pink blooms with delightful fragrance.

**Charles P. Kilham.** Brilliant orange-red blooms, suffused with scarlet, large, beautifully shaped, and slightly fragrant. Vigorous, upright grower, continuous bloomer, with healthy foliage.

**Columbia.** One of the most popular Roses—a vigorous grower and very free flowering. The blooms are a pleasing shade of rose-pink, large, fragrant, and perfectly formed.

**Dame Edith Helen.** Shapely buds and substantial blooms of clear pink, sweetly scented. A strong grower and very free bloomer.

**Edel.** A British introduction producing blooms of exhibition quality. The large, beautifully formed flowers are ivory-white, passing to pure white, and open well in all weathers; delightfully fragrant. Strong grower of uniform habit.

**Edith Nellie Perkins.** An outstanding Rose of vigorous growth and free-flowering habit. Long-pointed bud and very large, double, lasting, fragrant flower, with outside of petals Orient-red shaded cerise-orange, inside salmon-pink.

**E. G. Hill.** This red variety is very popular as a winter cut-flower, but is equally good for the garden. The double, high-centered blooms are bright scarlet, shading deeper as they develop. Vigorous grower and free bloomer.

**Etoile de Hollande.** A large, gorgeous, velvety scarlet Rose with beautiful blackish crimson buds. The well-formed, double flowers have a delightful old-fashioned Rose fragrance. Strong, vigorous, healthy grower and very free flowering. The best red.

**Gruss an Teplitz.** Everybody's Rose and grows everywhere. Most profuse-blooming Rose in existence. The flowers are of the richest scarlet, shading to a velvety crimson, and very fragrant. Constant bloomer.

**Joanna Hill.** Beautifully formed, flaring flower of deep, creamy white tinged with salmon and ochre-yellow at the base of the petals. Long-pointed buds. Vigorous, upright grower and profuse bloomer.

**Kaiserin Auguste Viktoria.** Old but still one of the best. Creamy buds and perfect blooms of dazzling snow-white, tinted slightly with lemon-yellow at center; fragrant.

**Lady Alice Stanley.** A majestic old Rose with very large silvery pink buds and blooms which are sweetly fragrant. Very sturdy plants and handsome, deeply veined foliage.

**Lady Margaret Stewart.** Blooms well shaped, brilliant orange-yellow, turning gold with age, and occasionally streaked with orange and red. Sometimes supersedes Rev. F. Page-Roberts.

**Margaret McGredy.** Bud very large and long-pointed; flower large, shapely, long-lasting, very double, fragrant, and brilliantly colored—a rich shade of Oriental-red, passing as it ages to carmine-rose. Vigorous and free flowering.

**McGredy's Scarlet.** One of the newer red Roses of marked superiority on account of its strong, vigorous growth, free and continuous habit of flowering, and its brilliant color, dazzling scarlet. The fragrant, full, double flowers are of good size. A beautiful Rose.

**Mevrouw G. A. van Rossem.** Buds glowing orange or apricot and flowers bright golden yellow, streaked and veined with orange; fragrant, large, and of perfect form. Handsome leathery foliage. Vigorous, upright; profuse bloomer.

**Miss Rowena Thom.** Enormous buds and blooms of fiery rose shaded with mauve—an unusual color. A profuse and continuous bloomer all season. Extremely vigorous.

**Mme. Butterfly.** One of the most popular garden Roses with light pink flowers faintly tinted with gold near the base of the petals, sweetly and richly perfumed.

**Mme. Edouard Herriot.** The famous *Daily Mail* Rose, known and loved for years. Its brilliant orange, red, and salmon shades have never been equaled in any of the newer Roses. A good grower and bloomer, it should have a place in every Rose-garden.

**Mme. Jules Bouche.** Considered the finest white garden Rose. Very vigorous, branching plants bearing glistening white flowers with an occasional touch of pink at center.

**Mrs. Aaron Ward.** Holly-like foliage and well-shaped little buds of golden buff, opening to double, attractively shaped flowers of tawny gold and pink. Fine low-growing bedding plant.

**Mrs. Pierre S. du Pont.** Beautifully shaped flowers of bright, unfading yellow and long-pointed buds of reddish gold make this one of the outstanding Roses in the garden. The blooms are very lasting and fragrant. Vigorous, compact; profuse, continuous bloomer.

**President Herbert Hoover.** A sensational Rose that continues to be extremely popular. Beautiful color combination—cerise-pink, flame, scarlet, and yellow. Lovely long-pointed buds. Moderately fragrant. Very vigorous; free bloomer.

**Radiance.** Considered by many as one of the best Roses in cultivation today, and has a host of admirers. It is a very vigorous grower, never out of bloom, and gives good results where many other Roses do not succeed. Its large flowers are rich pink on the outer surface of the petals and light silvery or flesh-color on the inner surface. Profuse bloomer.

**Red Radiance.** Like Radiance, of which it is a sport, this is another popular, easy-to-grow Rose that always gives results. Its bright cerise-red blooms are borne in constant profusion until late in the fall. Vigorous and upright.

# Fall-planted Roses start growing in the spring without any interruption

## HYBRID TEA ROSES, continued

**Souv. de Claudius Pernet.** The earliest and one of the best of our newer unfading yellow everblooming Roses. The beautiful, brilliant green foliage provides an attractive background for the exquisite, long-pointed buds and very large, full flowers of sunflower-yellow, deeper at center, and borne on long, stiff stems. Very vigorous.

**Talisman.** Immensely popular because of its gorgeous coloring—bright apricot, gold, and rose-pink, with reverse bright yellow, gold and pink. The flowers are of attractive shape and contrast beautifully with the glossy green foliage. Vigorous and free flowering.

**Ville de Paris.** Globular buds and big, bowl-shaped flowers of pure unblemished yellow that withstands all weather conditions. Good grower and profuse bloomer.

## New Hardy Climbing Roses

### BLAZE

The New Hardy Everblooming Scarlet Climber

*Plant Patent No. 10*

This Rose has literally taken the country by storm, and is steadily increasing in popularity—one Blaze planted in a garden means many orders for plants of this dazzling Rose from other members of the community. It has the blazing color of Paul's Scarlet Climber and the everblooming habit of Gruss an Teplitz, its parents. Very vigorous. Strong, 2-year plants, \$1.00 each.

### EASLEA'S GOLDEN RAMBLER

*Plant Patent No. 114*

A new outstanding climbing Rose from England, producing its comparatively large, double, rich golden flowers in large trusses. An additional quality is a delicious fragrance. Gold Medal, R. H. S., July, 1932; Cory Cup as the best new seedling climber or rambler Rose of British origin introduced in 1932. \$1.00 each; doz., \$10.00.

### THE NEW DAWN

The Everblooming Dr. W. Van Fleet

*Plant Patent No. 1*

This new Climber is like its parent, Dr. W. Van Fleet, in all respects, except that it blooms all season. It has the same long-pointed, flesh-pink buds and double flowers, glossy, healthy foliage, and vigorous growth that have made Van Fleet the Rose pre-eminent in its color and class. Strong, 2-year plants, \$1.50 each.

## Hardy Climbing and Rambler Roses

Any of the following Climbing and Rambler Roses,  
75c. each; per doz., \$7.50.

Fall-planted Roses start growing in spring without any interruption.

**Albertine.** One of the finest large-flowered Climbers. Its very large, handsome, soft coppery pink flowers contrast sharply with the bright vermilion buds. They come early in the season and are sweetly scented. Glossy foliage.

**American Pillar.** A very vigorous Climber with huge trusses of 2-inch, single, dazzling scarlet-rose flowers, having large white centers and golden yellow stamens.

**Bess Lovett.** Globular, semi-double flowers of bright crimson-red and intensely fragrant. Very vigorous, with long, flexible canes and fine foliage.

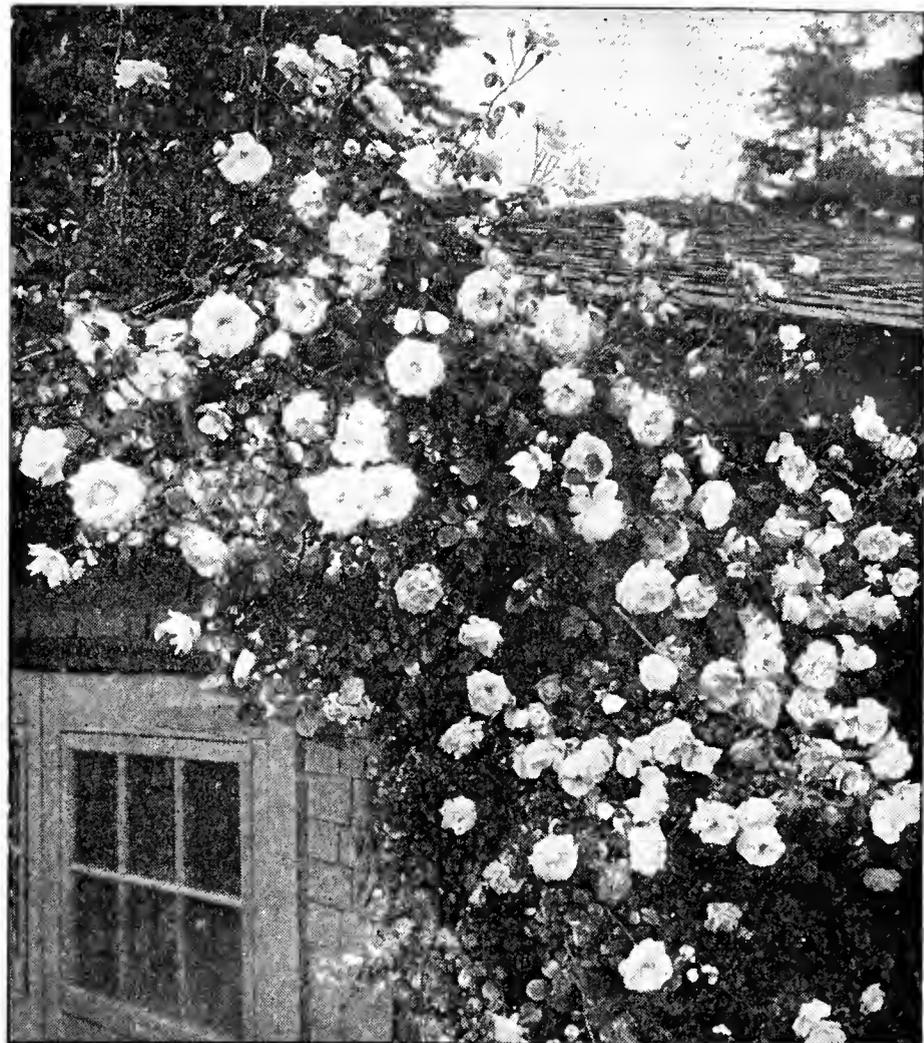
**Chaplin's Pink Climber.** A strong, husky Climber with large, single to semi-double, brilliant pure pink blooms in great profusion.

**Christine Wright.** The exquisite wild-rose-pink color of the very large, cupped, informal blooms, in enormous, long-stemmed sprays, makes this one of the most desirable Climbers. Sometimes blooms again in summer or fall.

**Climbing American Beauty.** A fine climbing Rose that bears a profusion of brilliant carmine buds and large blooms of lovely shape, in June.

**Dorothy Perkins.** An old favorite that has not yet been surpassed in the sheer delicacy of outline or beautiful color of its flowers. Its huge trusses of double pink blooms form an attractive sight. Very vigorous.

**Dr. W. Van Fleet.** One of the best-known and most popular of the large-flowering Climbers. Extremely vigorous in growth and reaches almost any height desired. The long-stemmed, beautifully formed, pale flesh-pink blooms equal the finest Hybrid Teas in beauty and are borne in abundance.



Dr. W. Van Fleet Roses

## HARDY CLIMBING AND RAMBLER ROSES, continued

**Emily Gray.** Shining, holly-like foliage and fragrant, unfading golden buff blooms make this an exceptionally attractive Climber. Its deep saffron-yellow buds add to its loveliness. Needs winter protection.

**Jacotte.** One of the best of the so-called yellow Ramblers. It has glossy, holly-like foliage and large, semi-double, brilliant apricot-orange flowers, fading lighter. Vigorous.

**Mary Lovett.** A favorite white climbing Rose, producing an abundance of its waxy white blooms on long, strong stems. Foliage very attractive.

**Mary Wallace.** This Rose has made a lasting place for itself. It is a very strong grower, with handsome foliage and an abundance of long-pointed buds, opening to very large, cupped, bright pink flowers having a luminous sheen.

**Mme. Gregoire Staechelin.** Sometimes sold as "Spanish Beauty." A stiff, erect Climber with intensely fragrant flowers of huge size and delicate pink color, stained claret-carmine on outer petals. Perfectly hardy, with disease-resistant foliage, and reaches a height of 12 feet or more.

**Paul's Scarlet Climber.** A brilliant scarlet Climber that holds its color until the petals fall. The loose clusters of medium-sized flowers make a dazzling display in the blooming season. Often blooms in autumn. Moderate grower.

**Primrose.** A lovely, unfading yellow Rose of vigorous climbing habit. Its handsome holly-like foliage forms a beautiful background for the large, very double, soft primrose-yellow flowers, 2½ inches across, in long-stemmed trusses of two to five.

**Silver Moon.** Well known because of its enormous vigor, handsome foliage, and big, saucer-shaped, moon-white flowers with brilliant yellow stamens. Its long, well-shaped buds are creamy yellow, contrasting beautifully with the glossy, rich green foliage.

**White Dorothy.** A pure white sport of Dorothy Perkins with all its fine characteristics. Makes a lovely display in the blooming season.

## Rosa Hugonis, Golden Rose of China

In late April or early May this Rose provides one of the most beautiful sights in the garden. Every branch of the previous year's growth is closely set on both sides to the very tip with exquisitely beautiful, single, clear pale yellow flowers. The long, arching branches make Hugonis not only a beautiful shrub to plant with other shrubs if desired, but when cut are charming table decorations. It is ruggedly hardy everywhere in America, needing neither protection nor pruning, except to cut out the older shoots. Do not plant it among bush Roses, as it is too vigorous a grower to fit in such a planting. 75c. each.

# Michell's Climbing Plants and Vines



*Polygonum Auberti*

**AKEBIA quinata.** Quick-growing vine with small, fine-lobed, half-evergreen leaves and purplish brown or chocolate-colored flowers which have a delicious odor. A highly desirable plant where dense shade is not desired. Extra-strong plants, 50c. each.

**AMPELOPSIS quinquefolia.** Virginia Creeper. The large, handsome, dark green leaves are deeply cut into five lobes and in the autumn turn a beautiful rich crimson. Especially adapted to covering stumps and trunks of trees. Extra-strong plants, 50c. each; 3 for \$1.35; \$5.00 per doz.

**A. Veitchi.** Boston Ivy. The popular climber for brick and stone buildings and walls. Leaves are a beautiful deep green which turns to a coppery red in autumn. Strong plants, 50c. each; 3 for \$1.35; \$5.00 per doz.

**BIGNONIA grandiflora.** Trumpet Vine. A strong-growing vine with rich green foliage and trumpet-shaped, dark red flowers with throats shaded orange. Free flowering. Strong plants, \$1.00 each.

**CELASTRUS scandens.** Bittersweet; Waxwort. Rapid-growing vine that in early summer produces yellow flowers, which by autumn have turned to bright orange-colored fruits, with red markings. Extra-strong plants, 50c. each; doz., \$5.00.

## Clematis

### Outstanding Varieties

**Montana rubra.** Identical in every way with *C. montana undulata*, except that it is a pleasing shade of soft rosy red, a most desirable color. Strong plants, 75c. each.

**Montana undulata.** Anemone Clematis. A strong, vigorous, perfectly hardy type that succeeds under the most adverse conditions. The anemone or windflower-like white flowers, flushed mauve, are from 1½ to 2 inches in diameter and frequently begin to open the last week in April, just when wisterias have finished flowering, continuing well throughout May. The best of the early spring-flowering climbers. Strong pot-plants, 75c. each.

### Standard Varieties

**Coccinea.** Pretty, bell-shaped, coral-red flowers from early in June until late in fall. 75c. each.

**Crispa.** Sweet-scented, lavender flowers. 75c. each.

**Henryi.** Large, single, creamy white flowers, borne in great profusion. Extra-strong, pot-grown plants, 75c. each.

## CLEMATIS, continued

**Jackmani.** Intensely colored, gigantic, violet-purple flowers. Extra-strong, pot-grown plants, 75c. each.

**Mme. Edouard Andre.** Well-formed, gigantic velvety red flowers of great substance. Extra-strong, pot-grown plants, 75c. each.

**Paniculata.** Japanese Virgin's Bower. A strong, luxuriant grower with light green foliage. At the end of August innumerable star-like flowers cover the vine in a sheet of fragrant white. Extra-strong plants, 50c. each; doz., \$5.00.

**Ramona.** A beautiful shade of lavender-blue. 75c. each.

**HONEYSUCKLE.** See *Lonicera*.

**HOP-VINE** (*Humulus japonicus*). A rapid grower, with dark green foliage. Bears a profusion of seed-pods suitable for many domestic purposes. Strong pot-plants, 35c. each; 3 for \$1.00; \$3.50 per doz.

**IVY, ENGLISH** (*Hedera Helix*). An invaluable plant for covering brick and stone walls and buildings. It rarely ever dies out and needs no attention. 2¼-in. pots, 15c. each; doz., \$1.50; \$10.00 per 100. 4-in. plants from pots, 50c. each; 3 for \$1.35; \$5.00 per doz.; per 100, \$40.00.

See color plate of Perennials opposite page 33



Flowers of *Bignonia grandiflora*

## *Lonicera* - Honeysuckle

This favorite requires very little comment or description, always yielding a wealth of fragrant bloom.

**Japonica aureo-reticulata.** Variegated Chinese Evergreen Honeysuckle. Foliage beautifully mottled yellow and green. Flowers white and yellow.

**Japonica chinensis.** Chinese Evergreen. Very fragrant, yellow and white variegated flowers the entire season.

**Japonica Halliana.** Hall's Honeysuckle. Flowers pure white, turning to yellow; hardy evergreen; flowers from June until frost.

**Sempervirens magnifica.** Blooms continuously from early June until late October, every branch bearing a terminal truss of from 15 to 20 long, tubular, orange-scarlet flowers. Strong plants, 75c. each; 3 for \$2.00; \$7.50 per doz.

**Tellmanniana.** Golden Giant Honeysuckle. A vigorous, hardy climber with extra-large, intense golden yellow flowers, having the tube lightly shaded bronzy scarlet on the outside. Blooms profusely during the month of June and is perfectly hardy. A really fine new climber. Strong plants, 75c. each; 3 for \$2.00; \$7.50 per doz.

All Honeysuckles, except where noted, strong plants, 50c. each; 3 for \$1.35; \$5.00 per doz.



Berries of Bittersweet (*Celastrus scandens*)

**LYCIUM barbatum.** Matrimony Vine. Dense-growing climber, somewhat shrubby in nature. The small purple flowers are followed in late summer by a crop of red berries, which remain until late winter. 50c. each; 3 for \$1.35; \$5.00 per doz.

**POLYGONUM Auberti.** Chinese Fleecy-vine. A useful vine for porches, latticework, fences, pergolas, and buildings. Perfectly hardy and a quick grower, a small plant making 25 to 30 feet of growth the first summer. Long clusters of snowy white flowers which turn rose-color with age. It will not cling to the wall, but will ramble over anything that will support it. Extra-strong, pot-grown plants, 60c. each; 3 for \$1.65; \$6.00 per doz.

**WISTERIA.** This blooms in the latitude of Philadelphia during May. A strong, well-developed vine produces hundreds of flower panicles, while no foliage is visible until after the flower is faded.

**W. sinensis.** Chinese Wisteria. Pale blue, somewhat fragrant blooms. Extra-strong plants, \$1.00 each.

**W. sinensis alba.** Beautiful white-flowering form of the above. Extra-strong plants, \$1.00 each.

# Hardy Decorative Flowering Shrubs

**ALTHÆA (Hibiscus).** Rose of Sharon. These thrive almost anywhere, producing their bloom from July till September.

**A. frutex albo-plena.** Pure white; double.

**A. frutex atropurpurea plena.** Double; purple.

**A., Lady Stanley.** Semi-double; pale pink, splashed with carmine.

**A., William R. Smith.** Pure white, single flowers, opening out flat, in great profusion from early July until late September. Very showy and outstanding.

All Althæas, 2 to 3-ft. plants, 75c. each

**AMYGDALUS glandulosa alba fl.-pl.** Double White-flowering Almond. Erect, slender branches covered in May with small, very double, fragrant white flowers. Strong, 2 to 3-ft. plants, \$1.00 each.

**A. glandulosa rosea fl.-pl.** Identical with the above, but bearing pink flowers. Strong, 2 to 3-ft. plants, \$1.00 each.

**ARONIA arbutifolia.** Red Chokeberry. A very desirable shrub on account of its wealth of very handsome red berries in the fall. Strong, 2 to 3-ft. plants, \$1.25 each.

**BRIDAL WREATH.** See *Spiræa prunifolia*.

**CALLICARPA purpurea.** Beauty-Berry. A beautiful shrub, growing about 3 feet high, covered in August with tiny pink-tinted flowers, followed in late September by violet-purple berries borne in clusters from the axil of every leaf and remaining until the middle of winter. Strong plants, 75c. each.

**CALYCANTHUS floridus.** Sweet Shrub. Chocolate-colored, double flowers, with a peculiarly agreeable odor. Blooms in June. 2 to 3-ft. plants, 75c. each.

**CERCIS canadensis.** Judas-Tree; Redbud. A tall, slender-growing shrub, developing eventually into a large tree. Very early in the spring the leafless branches are covered with delicate deep pink flowers. 2 to 3-ft. plants, \$1.00 each.

**CHIONANTHUS virginica.** White Fringe. In May and June the tree is covered with long, fluffy panicles of fine white bloom. Strong plants, \$1.25 each.

**CLETHRA alnifolia.** Sweet Pepperbush. Shrub of low, dense growth with numerous spikes of small, white, fragrant flowers in July. Desirable for moist places or along water edges. 2 to 3-ft. plants, 75c. each.

**CORNUS.** Dogwood. This plant is so well known that it hardly needs description. The flowers appear before the foliage in May and in autumn it takes on a rich crimson shade.

**C. alba argenteo-variegata (C. alba elegantissima).** Variegated Dogwood. A beautifully variegated shrub which should be planted more freely. Strong, 2 to 3-ft. plants, 75c. each.

**C. alba sibirica.** Siberian Dogwood. Branches bright coral-red, making it quite ornamental for winter effects. Strong, 2 to 3-ft. plants, 75c. each.

**C. stolonifera flaviramea (C. stolonifera lutea).** Golden-twigged Dogwood. Bright yellow branches in winter. Strong, 2 to 3-ft. plants, 75c. each.

**CRAB.** See Malus.

**CYTISUS Laburnum.** Golden Chain. Large shrub with shining green leaves and long, drooping racemes of yellow flowers in early summer. \$1.50 each.

**DAPHNE Cneorum.** Garland Flower. A pretty, dwarf, spreading shrub, 6 to 8 inches high. Valuable for the rockery or for the front of the border. Beautiful bright pink, sweet-scented flowers early in May. Strong plants, \$1.00 each. Large plants, \$1.50 each.

**DOGWOOD.** See Cornus.



*Clethra alnifolia*

**DEUTZIA.** The Deutzias are among the most useful of our summer-flowering shrubs. For planting either individually or in masses, they are very attractive.

**D. gracilis.** White flowers. Dwarf, bushy habit. 1½ ft.

**D. Lemoinei.** One of the best dwarf hardy shrubs; the flowers are large and are produced in cone-shaped heads of pure white.

**D. scabra candidissima fl.-pl.** Abundant racemes of double, pure white flowers in June. Luxuriant foliage. Fine habit. 3-ft. plants.

**D. scabra plena crenata rosea fl.-pl.** Double white blooms, tinged pink. 3 ft.

**D. scabra, Pride of Rochester.** The flowers, borne in large panicles, are pinkish white, with underside of the petals rose. June.

All Deutzias, 75c. each

**EUONYMUS alatus.** Winged Euonymus. Small, delicate purplish flowers in late spring, followed by attractive red berries in the fall. Curious corky bark. Brilliant autumnal foliage. Best for individual planting. 1½ to 2-ft. plants, \$1.00 each.

**EXOCHORDA grandiflora.** Pearl-Bush. A medium-sized shrub, producing white flowers in graceful clusters early in the spring. Fine for cut-flowers. Strong, 1½ to 2-ft. plants, 75c. each.

**FLOWERING ALMOND.** See Amygdalus.

**FLOWERING CRAB.** See Malus.

**FORSYTHIA.** Golden Bells. Bright golden yellow, star-shaped flowers that burst into bloom just as winter is over and while the bush is otherwise bare.

**F. intermedia.** April. Vigorous grower with slender, erect, or arching branches. Considered by many as the best of the family.

**F. spectabilis.** Strong, tall-growing shrub with very large flowers completely covering the stems. Most profuse bloomer of all.

**F. suspensa.** Graceful, drooping tendency. Frequently planted on banks and slopes. Beautiful as specimens or in masses.

**F. Fortunei.** Erect-growing shrub with dark green foliage. Strong, 4-ft. plants.

All Forsythias, 75c. each

**GOLDEN BELLS.** See Forsythia.

**GOLDEN CHAIN.** See Cytisus.

**HYDRANGEA arborescens grandiflora.**

Snowball Hydrangea. Snow-white blooms of the largest size, coming into flower in early June and lasting until late in August. More hardy than any other sort and especially suited for shaded places. 2 to 2½-ft. plants, 75c. each.

**H. paniculata grandiflora.** The large panicles of white flowers are at their best during August; later they take on a reddish cast. These plants look fine used as single specimens on the lawn or grouped in large beds. Strong, bush form, 2-ft. plants, 75c. each.

**H. paniculata grandiflora. Standard or Tree-shaped.** These are fine planted as individual specimens on the lawn or in the center of beds of other plants. 2 to 2½-ft. stems with shapely heads, \$1.25 each.

**H. quercifolia.** Oak-leaved Hydrangea. A handsome, spreading shrub with striking foliage, turning to a beautiful red in autumn. The white flowers are produced freely in August in flat clusters. Strong, 2 to 3-ft. plants, \$1.00 each.

**HONEYSUCKLE.** See Lonicera.

**JAPAN QUINCE.** See Pyrus.

**JASMINUM nudiflorum.** A fine shrub for sheltered positions, bearing fragrant yellow flowers very early in spring. Hardy south of Philadelphia. 75c. each.

**JUDAS-TREE.** See Cercis.

**KOLKOWITZIA amabilis.** Beauty-Bush. A handsome new ornamental shrub from China, resembling the weigela and honeysuckle, to which it is allied. Grows 6 to 8 feet high at maturity, with long, arching branches covered with pale pink, bell-shaped flowers in June. One of the most outstanding shrubs. Strong, 1½ to 2-ft. plants, \$1.00 each.

**LILAC.** See Syringa.

**LONICERA fragrantissima.** Winter Honeysuckle. Delightfully fragrant white flowers that come with the first breath of spring, in March and April. 75c. each.

**L. Morrowi.** An open bush with irregular branches. The foliage is dark green and the small white flowers appear during May. During the late summer and early autumn the plant is covered with bright red berries. 3-ft. plants, 75c. each.

**L. Ruprechtiana.** A free-flowering variety with white flowers in May and June, followed by red fruit. 75c. each.

**L. tatarica.** Tatarian Honeysuckle. Large, rose-pink flowers in abundance, followed by attractive berries. A most adaptable shrub. 3-ft. plants, 75c. each.

**MALUS floribunda.** Japanese Flowering Crab. One of the best of the Flowering Crabs. The buds are a warm rose-color, opening to light pink flowers—the whole forming a shapely bush or small tree. 3 to 4-ft. plants, \$1.50 each.

**M. ioensis plena.** Bechtel's Double-flowering Crab. A shapely little tree producing quantities of very double, fragrant, soft pink flowers resembling a small rose in formation. 2 to 3-ft. plants, \$1.00 each.

**M. Parkmani.** Parkman's Flowering Crab. Rose-colored buds open into little rosy white flowers, succeeded by decorative fruits. The tree is of a rather spreading, irregular habit. 3-ft. plants, \$1.50 each.

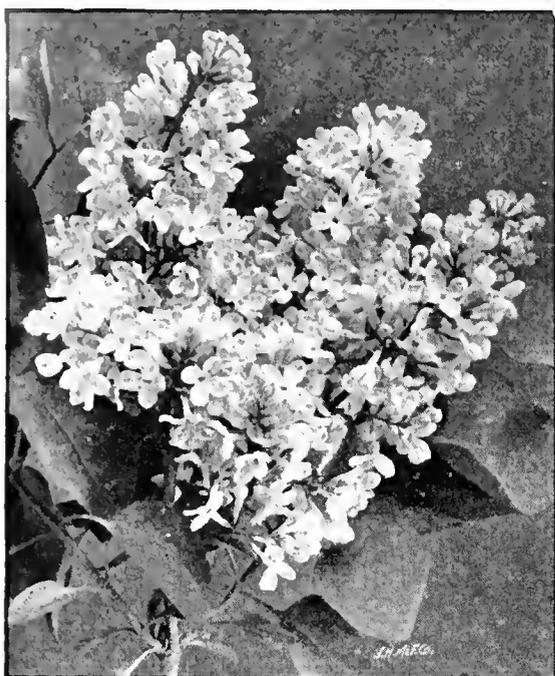
**MOCK-ORANGE.** See Philadelphus.

**PHILADELPHUS, Avalanche.** One of the newer varieties and one of the best, growing from 6 to 8 feet in height, with slender, arching branches which are nearly covered with large, pure white flowers. Strong, 2 to 3-ft. plants, 75c. each.

**P., Bouquet Blanc.** Low, dense habit. Blooms very freely during May and June. Strong, 2 to 3-ft. plants, 75c. each.

**P. coronarius.** Mock-Orange. Handsome foliage and beautiful, fragrant white flowers in May and June. 2 to 3-ft. plants, 75c. each.

# A few Shrubs will improve a yard 100 per cent



Lilac, Marie Legraye

**PRUNUS triloba.** Double-flowering Plum. A shapely shrub of medium height, bearing, in early spring, semi-double, delicate pink flowers about 1 inch in diameter. Strong, 2 to 3-ft. plants, \$1.00 each.

**PYRACANTHA (Cratægus) coccinea Landi.** Firethorn; Evergreen Thorn. There is no other fruiting evergreen shrub that is so attractive throughout the year as this fiery Thorn. The large trusses of white flowers are followed in summer by an abundance of brilliant orange-scarlet berries, which, remaining on the plants throughout the winter, produce a gorgeous effect. Strong plants, \$1.50 each.

**PYRUS japonica.** Japan Quince. This shrub is a beautiful sight in early spring when covered with cherry-red flowers, about the size of an apple blossom. Extra-strong, 2-ft. plants, 75c. each.

**REDBUD.** See Cercis.

**RHUS cotinus.** Purple Mist or Smoke Tree. A large shrub that can be planted as a single specimen or in the mixed border. About mid-summer the plant is literally covered with clusters of feathered flowers, giving the appearance of a cloud of smoke or mist. Strong, 2 to 3-ft. plants, \$1.00 each.

**R. typhina laciniata.** Dwarf Cut-leaved Sumac. Low growth and fern-like foliage highly colored in the fall months. \$1.00 each.

**ROBINIA hispida.** Rose Acacia. A quick-growing shrub of great beauty. Loose racemes of beautiful large pink flowers in June. Gives a magnificent effect. Strong, 2 to 3-ft. plants, \$1.00 each.

**ROSE OF SHARON.** See Althæa.

**SNOWBALL.** See Viburnum.

**SPIRÆA, Anthony Waterer.** Dwarf, dense shrub bearing a profusion of crimson flowers. 2 ft.

**S. prunifolia.** Bridal Wreath. Pretty, double white flowers come all along the almost leafless stem about May 1, just as the leaves are budding. 3 ft.

**S. Thunbergi.** One of the prettiest of the dwarf shrubs, with fine, delicate foliage and a profusion of small white flowers in early spring. 1½ ft.

**S. Vanhouttei.** The most beautiful of all white Spiræas, flowering in May, when it is a complete fountain of white bloom. 3 ft.

All Spiræas, 75c. each

**SUMAC.** See Rhus.

**SWEET PEPPERBUSH.** See Clethra.

**SWEET SHRUB.** See Calycanthus.

**SYMPHORICARPOS racemosus.** Snow-berry. Small red flowers, succeeded by many white berries that remain on the plant through half the winter. Strong plants, 75c. each.

**S. vulgaris.** Red-fruited or Indian Currant. This is a well-known shrub, bearing pink flowers followed by bright red fruit. 60c. each.

**SYRINGA (Lilac), Charles X.** A strong-growing variety, bearing large trusses of reddish purple flowers. \$1.25 each.

**S. japonica.** Very desirable free-flowering tree, bearing, during June and July, fragrant white flowers in large panicles. \$1.00 each.

**S., Marie Legraye.** A dwarf-growing variety, producing immense trusses of beautiful creamy white flowers. One of the most popular single white sorts. \$1.25 each.

**S. persica.** Persian Lilac. More slender in growth than the common Lilac. Purple flowers in graceful spikes. 75c. each.

**S. vulgaris.** Common purple, sweet-scented Lilac. 75c. each.

**S. vulgaris alba.** Pure white type of the above, but more fragrant. 75c. each.

**TAMARIX africana.** Strong, slender, upright growth, with panicles of feathery pink flowers in May. 2 to 3-ft. plants, 75c. each.

**VIBURNUM dilatatum.** Linden Viburnum. One of the best of the Viburnums, producing small white flowers during May and June, followed by large clusters of bright scarlet berries which remain during the greater part of the winter. One of the most showy of the berried shrubs. Strong, 2 to 3-ft. plants, \$1.50 each.

**V. Opulus.** High-bush Cranberry. Among the most popular of the shrubs, bearing clusters of white flowers in June, followed by bright scarlet berries in autumn, which are very attractive throughout the winter. Strong, 2 to 3-ft. plants, \$1.00 each.

**V. Opulus sterile.** Snowball; Guelder-Rose. This is the popular white Snowball, literally covered with large globes of white flowers in May. Strong, 2 to 3-ft. plants, \$1.00 each.

**Viburnum tomentosum.** Distinct from all other varieties of Snowball, in both foliage and flower, the latter being more flat than those of the other varieties and followed by decorative red fruits, changing to black as they ripen. Strong, 2 to 3-ft. plants, 75c. each.

**V. tomentosum plicatum.** Japanese Snowball. A desirable shrub that should be in every garden or on the lawn. Perfectly hardy. Blooms in June. Extra-fine, 2 to 3-ft. plants, \$1.00 each.

**VITEX Agnus-castus.** Chaste-Tree. A shrub or small tree, with strong aromatic odor. Dense spikes of pale lilac flowers from July to September. Strong, 2-ft. plants, 75c. each.

**V. macrophylla.** A graceful, attractive shrub, growing 3 to 4 feet high and freely producing pretty lavender-blue flowers from July until frost. \$1.00 each.

**WEIGELA candida.** Flowers abundantly in June and July; additional bloom is also shown during the autumn months. The tube-shaped flowers are pure white. Fine for cutting. 2 to 3-ft. plants, 75c. each.

**W., Eva Rathke.** Of erect form and vigorous habit. The deep carmine-red flowers are the best of their color. 2 to 3-ft. plants, 75c. each.

**W. floribunda.** Crimson. 75c. each.

**W. rosea.** Remarkably showy flowers. Numerous spreading branches and dark green leaves. The rose-colored blooms are produced in great abundance. 75c. each.

**W. rosea nana variegata.** Silvery variegated leaves and pale pink flowers. 75c. each.

**WHITE FRINGE.** See Chionanthus.

## MICHELL'S CHOICE THRIFTY HEDGE PLANTS

### Berberis Thunbergi

#### Japanese Barberry

A low-growing, branching shrub that makes a superb hedge or a good lawn specimen. Branches covered with thorns that turn cats and dogs. Foliage green in spring and summer, but turns to crimson in autumn. Brilliant scarlet berries remain all winter.

	Each	Doz.	100
15 to 18 in.	\$0 30	\$3 00	\$20 00
18 to 24 in.	40	4 00	30 00

### New Red-leaved Japanese Barberry

This new Barberry is as richly colored as a brilliant Japanese maple. In fact, the color grows brighter as the season advances. When cool days come in autumn and a light frost touches the foliage, the leaves turn to shades of scarlet, crimson, and vivid orange. Plant it in full sun if you want the most brilliant colors. Use the Red-leaved Barberry for color in the shrub border, at corners, at curves along walks or drives, or as a boundary hedge. Strong, 1-yr. plants, 15 to 18 in., 50c. each; 3 for \$1.35; \$5.00 per doz.; per 100, \$40.00.

### California Privet

A popular hedge plant; grows anywhere, and is hardy except in severe winters when it may be damaged, but if cut back it soon recovers. Set plants a foot apart in zigzag fashion . . . . . in late autumn or early spring.

	Doz.	100	1000
1-yr., 18 to 24 in.	\$1 25	\$6 00	\$50 00
2-yr., 24 to 30 in.	1 50	8 00	70 00
2-yr., 30 to 36 in.	2 00	10 00	90 00

### Boxwood

#### Dwarf for Edging

We have a quantity of nice, dwarf, bushy stock for edging beds and paths. Boxwood grows into value and adds a unique charm to the garden.

	Doz.	100
4 to 6 in.	\$3 00	\$20 00
6 to 8 in.	5 00	40 00

### Bush-shaped Boxwood

Best adapted for hedge planting. Extra-bushy plants.

	Each
12 to 15 in.	\$1 00
15 to 18 in.	1 50
18 to 24 in.	2 50



New Red-leaved Japanese Barberry Hedge

# MICHELL'S SELECT FRUITS

## Apples

- Baldwin.** Large, round; deep red. Late.  
**Delicious.** A good late variety with rosy red fruit of good size. Truly delicious.  
**Early Harvest.** Medium size. Early. Green and red; very sweet.  
**Fall Pippin.** Large; yellow; rich and delicious. A good bearer when it reaches maturity. Likes a moist, well-drained soil. Good autumn Apple.  
**Grimes Golden.** Late. Good size; yellow and of fine flavor.  
**Red Astrachan.** An old popular variety. Tart, juicy flesh tinged with red. Very early.  
**Rome Beauty.** Late. Yellow shaded red; solid and juicy.  
**Stayman's Winesap.** The best winter variety. Large, juicy, semi-sweet. Fine for eating and cooking. Prolific.  
**Wealthy.** Late. Round, red; sweet and a good keeper.  
**Yellow Transparent.** Early and desirable. Good color; juicy and semi-sweet.

## Crab-Apples

- Hyslop Crab.** Large, round, deep red fruit. The best variety for jelly. Sept.  
 All Apple and Crab-Apple trees, 4 to 5 ft., \$1.50 each; doz., \$15.00

## Apricots

- Early Golden.** Orange-yellow, with faint blush; firm, coarse flesh. One of the best. Few varieties equal in lusciousness the fresh fruit of the Apricot. Should be planted more generally where there is room for trees. \$1.50 each; doz., \$15.00.

## Cherries

- Black Tartarian.** Sweet. Very large; black; rich and juicy.  
**Early Richmond.** Sour. An early variety of medium size, dark red fruit. Early June.  
**Montmorency.** Sour. Large, dark red fruit, about 10 days later than Richmond.  
**Napoleon (Royal Ann).** The best and most profitable yellow sweet Cherry. Flesh very firm, juicy, and delicious.  
**Schmidt.** Sweet. Large; deep black; flesh dark and sweet. Productive. July.  
 All Cherry trees, 5 to 6 ft., \$1.50 each; doz., \$15.00

## Pears

### Summer Varieties

- Bartlett.** An old favorite. Juicy, well flavored, and a good bearer. Aug.  
**Clapp's Favorite.** A fine large yellow variety stained red; flesh fine-grained. Aug.

### Fall Varieties

- Anjou.** Fruit large and handsome, yellow with red blush; flesh of good flavor. Late keeper. Oct.  
**Duchesse d'Angouleme.** Large; flesh buttery, rich, and juicy. A good standard variety. Fine keeper. Oct.  
**Kieffer.** Late. Rather coarse-grained, but when well ripened is good for both eating and preserving. Good keeper. Oct.  
**Seckel.** A well-known, dark brown, small variety; flesh very sweet and juicy. Oct.  
 All Pear trees, 5 to 6 ft., \$1.50 each; doz., \$15.00

## Plums

- Abundance.** A very productive, large variety of light cherry-red color. Aug.  
**Burbank.** Fruit round, cherry-red, with lilac bloom. Heavy bearer. Sept.  
**Diamond.** Enormous, dark purple fruit with a beautiful bloom. Sept.  
**Green Gage.** Large, greenish, sweet fruit of good flavor. An excellent variety. Sept.  
 All Plum trees, 5 to 6 ft., \$1.50 each; doz., \$15.00

## Quinces

- Orange.** Large, golden yellow fruit of good quality. Prefers low, well-drained soil. Excellent for jelling with apples. Dwarf grower. 4 to 5 ft., \$1.50 each; doz., \$15.00.

## The New Boysenberry

### The Finest Vine Berry Yet Developed

- A new hybrid vine berry developed from the blackberry, loganberry, and raspberry. The fruit, which is dark purple at first becoming black when fully ripe, is of blackberry form with berries averaging 1½ inches long, with occasional fruit an inch longer. The flavor is distinctively its own but somewhat resembles the raspberry; the sugar content is high, no sugar being needed with ripe berries. \$2.25 per doz.; 25 for \$4.00.

## Blackberries

- Eldorado.** Remarkably strong grower and an enormous producer of extra-size berries which are brilliant black and retain their color under all conditions. Very sweet and without core.  
**Ward.** An extra-strong grower producing an enormous crop of extremely large, glossy Blackberries which are rich, sweet, and tender, with no hard core.  
 All Blackberries, extra-strong plants, \$1.00 per doz.; per 100, \$8.00

## Raspberries

- Cumberland.** Blackcap. The largest Raspberry known. Selected specimens measure an inch in diameter.  
**Cuthbert.** Berries very large, measuring 3 inches around, conical, rich crimson. One of the old-time favorites.  
**Latham.** The finest red Raspberry to date. More productive than any other variety. The berries are very large, bright red, and of wonderful flavor.  
**Ranere Everbearing.** Brilliant red fruit of good size and excellent flavor; in fact, there is no good quality any of the regular varieties of Raspberries possess that is lacking in Ranere.  
 All Raspberries, extra-strong plants, \$1.00 per doz.; per 100, \$8.00

## Grape-Vines

- Caco.** Red. The most delicious of all Grapes and perfectly hardy. Bunch of good size, compact, and of good form. Ripens in 10 to 14 days in advance of Concord; rich in sugar, excellent in flavor. Vine a very strong, vigorous grower, healthy and prolific. 50c. each; doz., \$5.00.  
**Campbell's Early.** Black. A valuable and delicious Grape. Vine very strong, hardy, and vigorous. Berries large, black with light purplish bloom; flavor rich and delicious.  
**Catawba.** Red. Delicious flavored; medium-size berry.  
**Champagne.** Coppery red. A sterling variety of great merit. Berries very large. Immense producer. Seasons in which other varieties did not fruit, this variety stood out, bearing an immense crop. Very strong grower. 50c. each; doz., \$5.00.  
**Concord.** Purple. The well-known standard variety that succeeds wherever Grapes will grow.  
**Delaware.** Light red with violet bloom. Bunches and berries are small but compactly set, sugary and delicious. A favorite dessert Grape and one of the earliest to ripen.  
**Moore's Diamond.** White. A strong, healthy grower, hardy and productive. Berries large; flesh tender, juicy, but with little pulp. Ripens before Concord.  
**Niagara.** Light greenish white. An unusually strong grower. Bunches very larger and compact. Berries large, semi-transparent; has very little pulp and is sweet to the center.  
 All Grape-Vines, except Caco and Champagne, 2-yr. vines, 30c. each; doz., \$3.00; \$20.00 per 100

## Pot-Grown Strawberry Plants

### TWO NEW EARLY STRAWBERRIES

These two new varieties were developed by scientists in the U. S. Department of Agriculture and were selected from thousands of seedlings as being outstanding in quality, vigor, productivity, size, and appearance.

**Dorsett.** The berries average very large, are firm and rather light in color, while the flavor leaves nothing to be desired. They are beautiful in appearance, the light color, bright green cap, large size, and attractive shape making them very desirable. They should appeal to every grower of Strawberries.

**Fairfax.** Picked at the proper time, Fairfax berries average very large and firm, are bright red with a light green cap; as they become riper they get darker and then very dark red. They maintain their firmness and flavor even after they become very dark.

Price, pot-grown plants, \$1.25 per doz.; per 100, \$8.00; \$75.00 per 1000  
 Price, layer plants, 25 for \$1.00; \$1.50 for 50; per 100, \$2.50; \$15.00 per 1000

### Standard Varieties

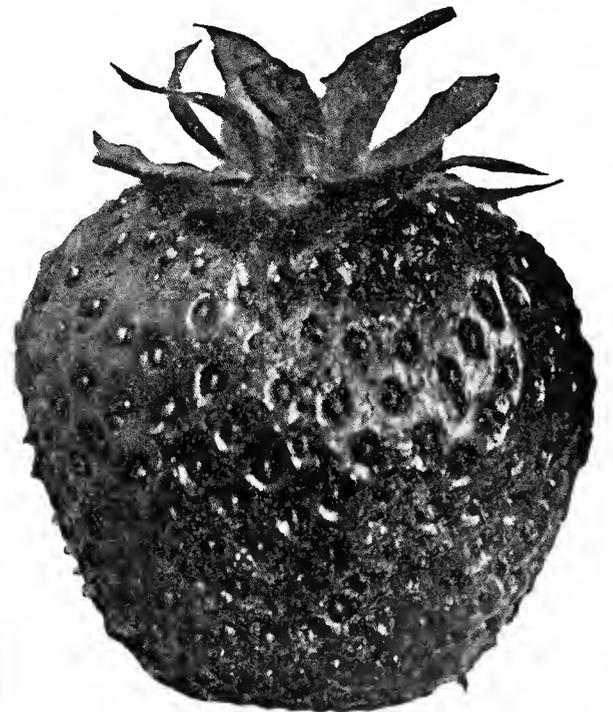
- |                   |           |                       |
|-------------------|-----------|-----------------------|
|                   | EARLY     |                       |
| <b>Premier</b>    |           | <b>Senator Dunlap</b> |
|                   | MIDSEASON |                       |
| <b>Big Joe</b>    |           |                       |
|                   | LATE      |                       |
| <b>Chesapeake</b> |           | <b>Gandy's Prize</b>  |
|                   |           | <b>William Belt</b>   |
- Price, pot-grown plants, \$1.00 per doz.; per 100, \$6.00; \$50.00 per 1000  
 Price, layer plants, 25 for 75c.; \$1.00 for 50; per 100, \$1.50; \$10.00 per 1000

### Fall-fruiting Variety

**Mastodon Everbearing Wonder.** This is, unquestionably, the most prolific of everbearing varieties. Bears continuously from June till frost, the late fruits being as large as those of the early crop. Berries are of excellent quality. Plants should be grown in single hills, as it does not do so well in matted rows.

Price, pot-grown plants, \$1.25 per doz.; per 100, \$8.00; \$75.00 per 1000  
 Price, layer plants, 25 for \$1.00; \$1.50 for 50; per 100, \$2.50; \$15.00 per 1000

Strawberries planted in the fall and lightly mulched over winter will start growth early in spring, missing the usual transplanting check.



Big Joe Strawberry



# MICHELL'S SEASONABLE VEGETABLES

## ASPARAGUS ROOTS

Ready October 10 for fall planting; for spring planting, about March 20  
4000 to 6000 roots are required for an acre

Asparagus Roots are planted quite extensively during the autumn and invariably give good results.

*If wanted by Parcel Post, add 10c. for 50; 15c. per 100 for postage*

	2-year-old roots		
	50	100	1000
<b>Giant Washington</b> .....	\$1 00	\$1 75	\$12 00

## DWARF BEANS

Prices quoted on Beans are prepaid in quantities up to 5 pounds to the first and second zones; for other zones, see Parcel Post table on page 1.

### Green-podded Varieties

	Pkt.	½lb.	Lb.	5 lbs.	10 lbs.
<b>Bountiful</b> .....	\$0 10	\$0 25	\$0 40	\$1 60	\$2 90
<b>Early Red Valentine</b> .....	10	25	40	1 60	2 90
<b>Improved Stringless Green-Pod</b>	10	25	40	1 60	2 90
<b>Mammoth or Giant Stringless</b>	10	25	40	1 60	2 90
<b>Masterpiece</b> . For forcing.....	10	30	50	2 25	4 25
<b>Tendergreen</b> .....	10	25	40	1 60	2 90
<b>Triumph of the Frames</b> . For forcing.....	15		50	2 25	4 00

### Yellow-podded Varieties

	Pkt.	½lb.	Lb.	5 lbs.	10 lbs.
<b>Improved Rustproof Golden Wax</b> .....	\$0 10	\$0 25	\$0 40	\$1 60	\$2 90
<b>Pencil-Pod Black Wax</b> .....	10	25	40	1 60	2 90
<b>Round-podded Kidney Wax</b> ....	10	25	40	2 00	3 75
<b>Sure-Crop Stringless Wax</b> ....	10	25	40	1 60	2 90

## BEETS (Table Varieties)

	Pkt.	Oz.	¼lb.	Lb.
<b>Bassano Extra Early</b> .....	\$0 10	\$0 15	\$0 35	\$1 10
<b>Crimson Globe</b> .....	10	15	35	1 10
<b>Crosby's Egyptian</b> . (Usual strain)....	10	15	35	1 10
<b>Crosby's Egyptian</b> . (Special strain)....	15	20	45	1 25
<b>Detroit Dark Red</b> . (Usual strain)....	10	20	45	1 25
<b>Detroit Dark Red</b> . (Michell's Special strain).....	15	25	60	1 50
<b>Early Wonder</b> .....	10	15	35	1 10
<b>Good for All</b> .....	15	20	45	1 25
<b>Lentz Early</b> .....	10	15	35	1 10
<b>Michell's Winter Keeper</b> .....	10	20	45	1 25

## FORCING CARROTS

	Pkt.	Oz.	¼lb.	Lb.
<b>California Bunching</b> .....	\$0 10	\$0 25	\$0 65	\$1 75
<b>Chantenay Half-Long</b> . (Special strain.)	10	25	65	1 75
<b>Chantenay Half-Long</b> . (Usual strain.)	10	15	40	1 25
<b>Danvers Half-Long</b> .....	10	25	65	1 75
<b>Guerrande or Oxheart</b> .....	10	20	50	1 50
<b>Rubicon Half-Long</b> .....	10	20	50	1 50
<b>Very Early Short Horn</b> .....	10	25	65	1 75

## CAULIFLOWER (Varieties Suitable for Forcing)

	Pkt.	Large pkt.	½oz.	Oz.
<b>Michell's Earliest Snowstorm</b> .....	\$0 25	\$0 50	\$2 50	\$4 00
<b>Early Selected Erfurt</b> .....	20	45	1 75	3 00
<b>Early Snowball</b> .....	25	50	2 00	3 50

## CORN SALAD

	Pkt.	Oz.	¼lb.	Lb.
<b>Large-leaved, Round-seeded</b> .....	\$0 10	\$0 15	\$0 45	\$1 35

## POP-CORN (Shelled)

Our Pop-Corn will be found in excellent condition for popping.

**Golden Queen** and **Snowflake**. 20c. per lb. (by Parcel Post, 30c.); 3 lbs., 55c. (by Parcel Post, 70c.).

## CORN-POPPERS

1-qt. size, 25c. each (by Parcel Post, 35c.); 2-qt. size, 50c. each (by Parcel Post, 60c.).

## ENGLISH CUCUMBERS

These are especially adapted for growing under glass in greenhouses, producing enormous fruits, generally 1½ to 2 feet long and 3 inches in diameter.

**Lockie's Perfection, Sion House, Telegraph, Tender and True**. Any of above varieties, 25c. per pkt. of 10 seeds; per 100 seeds, \$2.25.

## WATER-CRESS

**True Erfurt**. Pkt., 10c.; 20c. per ½oz.; oz., 35c.; \$1.25 per ¼lb.

## ENDIVE

	Pkt.	Oz.	¼lb.
<b>Full-Heart Batavian</b> (Escarolle).....	\$0 10	\$0 20	\$0 60
<b>Giant Fringed</b> (Oyster Endive).....	10	20	50
<b>Improved Green Curled</b> .....	10	20	50

# Fresh Lettuce! One of the finest of Green Vegetables

## MICHELL'S SEASONABLE VEGETABLES, continued

### KALE

	Pkt.	Oz.	¼lb.	Lb.
<b>Dwarf Blue Scotch</b> .....	\$0 10	\$0 20	\$0 45	\$1 25
<b>Dwarf Green Curled</b> .....	10	20	45	1 25
<b>Imperial Long-standing</b> .....	10	15	35	1 00
<b>Siberian</b> .....	10	15	35	85

### LETTUCE

#### Heading Varieties

	Pkt.	Oz.	¼lb.
<b>All-Heart</b> .....	\$0 10	\$0 15	\$0 50
<b>All-Right</b> .....	10	20	60
<b>Big Boston</b> .....	10	20	60
<b>Boston Market</b> . (For forcing) .....	10	20	60
<b>Iceberg</b> .....	10	20	60
<b>Improved Hanson</b> .....	10	20	60
<b>Kingsholm Cos or Romalne</b> .....	10	20	60
<b>May King</b> .....	10	20	60
<b>Michell's No. 1</b> .....	10	20	60
<b>New York or Wonderful, No. 12</b> .....	10	25	65
<b>White Big Boston</b> .....	10	25	65

#### Loose-Leaf Varieties

	Pkt.	Oz.	¼lb.
<b>Black-seeded Simpson</b> .....	\$0 10	\$0 20	\$0 60
<b>Early Curled Silesian</b> .....	10	15	50
<b>Early Curled Simpson</b> .....	10	15	50
<b>Grand Rapids</b> . (For forcing) .....	10	20	60

### FORCING MELONS (English Varieties)

	Pkt.	3 pkts.
<b>Blenheim Orange</b> . Orange flesh .....	\$0 25	\$0 65
<b>Sutton's A1</b> . Flesh rich scarlet. Original pkt. ....	1 25	
<b>Windsor Castle</b> . A green-fleshed variety .....	25	65

**MELON NETS**. For supporting forcing melons in greenhouses; made very strong, will last for a number of crops. \$2.50 per doz.; per 100, \$18.00.

### MICHELL'S MUSHROOM SPAWN

#### Pure Spore Culture Spawn

This Spawn is made in quart milk bottles under absolutely sterile conditions. One carton is sufficient to spawn about 40 square feet. The sterile spawn is dried thoroughly and each piece wrapped in tissue paper, which contains full instructions for growing mushrooms.

Carton .....	\$1 25	25 cartons .....	\$29 25
10 cartons .....	12 00		

If wanted by Parcel Post, allow 10c. per carton for postage

#### Pure-Culture Brick Spawn

Ask for our free booklet on Mushroom Culture. One brick will spawn 8 to 10 sq. ft.

##### Pure White

Brick .....	\$0 35	25 bricks .....	\$6 50
5 bricks .....	1 50	50 bricks .....	12 50
10 bricks .....	2 75		

If wanted by Parcel Post, allow for postage at the rate of 10c. per brick; 15c. for 5 bricks; 25c. for 10 bricks

### MUSHROOM OR HOTBED THERMOMETERS

**No. 20450**. Iron point, oxidized finish. \$3.00 (by Parcel Post, \$3.15). Thermometers should, wherever possible, be sent by Express. We do not guarantee safe arrival if forwarded by Parcel Post.

### MUSTARD

	Pkt.	Oz.	¼lb.	Lb.
<b>Fordhook Fancy</b> .....	\$0 10	\$0 15	\$0 35	\$0 75
<b>Southern Giant Curled</b> .....	10	15	35	75

### ONION SETS

One quart will plant a row about 50 feet

<b>Yellow</b>	<b>Potato Onions</b>
<b>White</b>	<b>Shallots</b>
<b>Red</b>	<b>Garlic Sets</b>
<b>White Multiplier</b>	

New-crop Onion Sets ready about September 20. We give 32 lbs. per bushel on Onion Sets. Prices will be quoted on application.

**Tree or Top**. These are used for producing scallions for early spring use and should be planted in September. They are perfectly hardy. 28 lbs. per bushel. 20c. per qt. (by Parcel Post, 30c.); 4 qts. for 60c. (by Parcel Post, 75c.); \$1.00 per pk.

### PARSLEY

	Pkt.	Oz.	¼lb.	Lb.
<b>Champion Moss Curled</b> .....	\$0 10	\$0 15	\$0 35	\$1 00
<b>Double Curled or Covent Garden</b> .....	10	15	35	1 00
<b>Hamburg or Rooted</b> .....	10	15	35	1 00
<b>Plain or Single</b> .....	10	15	35	1 00
<b>Tom Thumb</b> .....	10	25	65	2 00

### RADISH

#### Early Varieties

	Pkt.	Oz.	¼lb.	Lb.
<b>Crimson Giant</b> .....	\$0 10	\$0 15	\$0 35	\$1 00
<b>Early Scarlet Globe</b> . (Short top.) For forcing .....	10	20	45	1 25
<b>Early Scarlet or Cardinal Globe</b> . (For outside sowing) .....	10	15	35	1 00
<b>French Breakfast</b> .....	10	15	35	1 00
<b>Icicle</b> .....	10	15	35	90
<b>Long Scarlet Short-Top</b> .....	10	15	35	90
<b>Michell's 25-Day</b> .....	10	20	45	1 25
<b>Philadelphia White Box</b> .....	10	15	35	90
<b>Round Red or Button</b> .....	10	15	35	1 00
<b>Scarlet Turnip White-tipped</b> .....	10	15	35	1 00

#### Summer and Winter Varieties

	Pkt.	Oz.	¼lb.	Lb.
<b>Celestial or White Chinese</b> .....	\$0 10	\$0 15	\$0 35	\$1 00
<b>China Rose</b> .....	10	15	35	1 00
<b>Long Black Spanish</b> .....	10	15	35	1 00
<b>Round Black Spanish</b> .....	10	15	35	1 00
<b>White Strasburg</b> .....	10	15	35	90

### RHUBARB ROOTS

Ready October 1 for fall planting; April 1 for spring planting

**Victoria**. 50c. for 3 (by Parcel Post, 60c.); doz., \$1.50 (by Parcel Post, \$1.75); \$10.00 per 100.

### SPINACH

	Oz.	¼lb.	Lb.	5 lbs
<b>Bloomsdale Long-standing Savoy</b> .....	\$0 10	\$0 25	\$0 55	\$2 50
<b>King of Denmark</b> .....	10	25	55	2 50
<b>Long Season</b> .....	10	25	55	2 50
<b>Market Gardener's</b> .....	10	25	55	2 50

### TOMATOES

#### Forcing Varieties

	Pkt.	½oz.	Oz.
<b>Michigan State Forcing</b> . Bright red .....	\$0 25	\$0 50	\$0 85
<b>Sutton's Perfection</b> . (Imported.) Original pkt., \$1.25.			

### TURNIP AND RUTABAGA

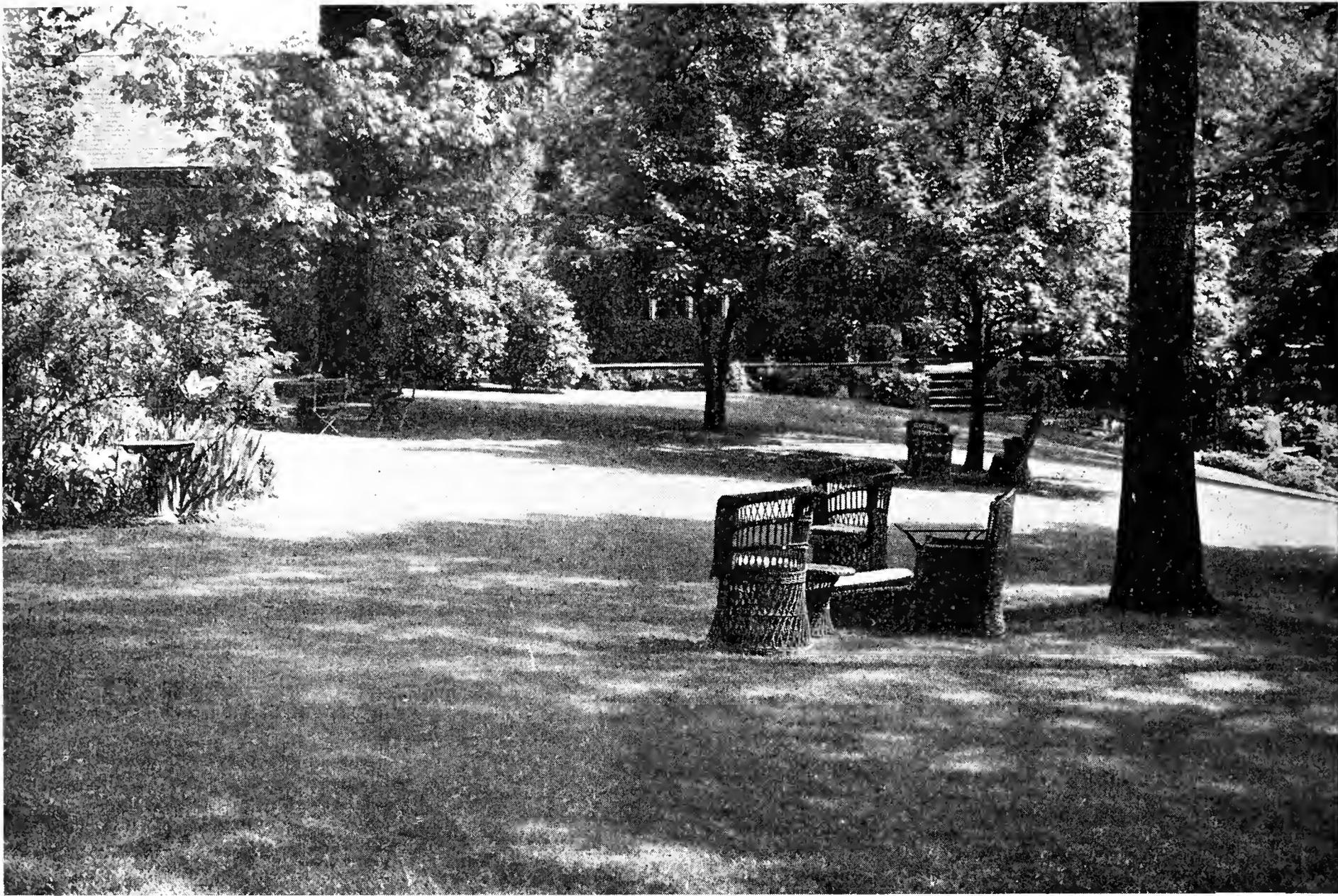
	Pkt.	Oz.	¼lb.	Lb.
<b>Early Purple-Top Flat</b> .....	\$0 10	\$0 15	\$0 35	\$0 75
<b>Early White Flat Dutch</b> .....	10	15	35	75
<b>Japanese Foliage</b> . Top and root both edible .....	10	15	35	75
<b>Purple-Top White Globe</b> .....	10	15	35	75
<b>Snowball</b> .....	10	15	35	75
<b>Southern Seven-Top</b> .....	10	15	25	65
<b>Yellow Globe or Amber</b> .....	10	15	35	75
<b>Rutabaga, Purple-Top Yellow</b> . (Special strain.) .....	10	20	50	1 50
<b>Rutabaga, Purple-Top Yellow</b> . (Usual strain.) .....	10	15	35	75

### VEGETABLE SEEDS FOR MEDICINAL PURPOSES

**Watermelon**. 60c. per lb.  
**Pumpkin**. 60c. per lb.

### CUPROCID (Cuprous Oxide)

A seed-protectant for treating Spinach seed before sowing, to prevent the fungus disease known as damping-off. Lb. 90c.; \$4.00 per 5 lbs.; 20 lbs. \$14.00; \$25.00 per 50 lbs.; 200-lb. drums \$77.00.



# MICHELL'S RELIABLE GRASS MIXTURES

## Concerning Fall Seeding

The cool, moist weather of late summer and early fall affords an ideal condition for rebuilding a lawn that has suffered from drought, neglect, or the ravages of weeds. Seed sown at this time will show quicker growth and has a tendency to stool or spread out, a condition not present during the warmer months. Competition with weeds is practically eliminated at this season, since the latter are incapable of germination until spring, by which time fall-sown grass is thoroughly established and the weeds have little chance to thrive. Seed may be sown successfully as late as October 15 in the latitude of Philadelphia, but we would recommend the month of September for best results.

**Quantity to Sow for Lawns.** We recommend sowing 1 quart to 100 square feet; 1 peck to 1000 square feet; 1 bushel to 4000 square feet; 6 to 8 bushels per acre on new ground without grass. In renovating established lawns, use half the above quantities.

Send for our booklet "Lawn Pointers" for further suggestions on the care of your lawn.

### MICHELL'S TOP-NOTCH LAWN SEED

A perfectly blended combination of the purest seed most suitable for the establishment of a luxurious lawn. This formula combines the qualities of quick growth, compactness, and permanence, and is recommended to those who seek the ultimate in a lawn mixture. 25 lbs. per bus. \$3.75 per pk.;  $\frac{1}{2}$  bus., \$7.00; \$13.50 per bus.; 100 lbs., \$50.00.

### MICHELL'S CLOVER LAWN SEED

The increasing demand for a grass seed mixture containing a larger proportion of White Lawn Clover induced us to offer this brand; mixed with a liberal quantity of the best re-cleaned White Clover, which is particularly suited to take firm hold and grow quickly on hard or worn-out spots which sunburn easily. Splendid for seashore lawns. 30 lbs. per bus. 35c. per pt.; qt., 65c.; \$1.25 for 2 qts.; 4 qts., \$2.25; \$4.25 per pk.;  $\frac{1}{2}$  bus., \$8.25; \$16.00 per bus.; 100 lbs., \$50.00.

### MICHELL'S GREEN VELVET LAWN SEED

Where a closely knit turf of lustrous green, velvety appearance is desired, we suggest this combination. It is a perfectly hardy mixture, ideally suited for fine permanent lawns. 20 lbs. per bus. 25c. per pt.; qt., 45c.; 85c. for 2 qts.; 4 qts., \$1.50; \$2.75 per pk.;  $\frac{1}{2}$  bus., \$5.25; \$10.00 per bus.; 100 lbs., \$46.00.

### MICHELL'S SHADED LAWN SEED

Shaded areas are often difficult to keep in grass. We have combined several shade-tolerant varieties of grass seed in a mixture that is capable of producing perfect turf in the most densely shaded place. It should be remembered that such spots, particularly under trees, are generally deficient in plant-food and moisture, and these conditions should be remedied for good results. 20 lbs. per bus. 30c. per pt.; qt., 55c.; 95c. for 2 qts.; 4 qts., \$1.75; \$3.00 per pk.;  $\frac{1}{2}$  bus., \$5.75; \$11.00 per bus.; 100 lbs., \$50.00.

### MICHELL'S EVERGREEN LAWN SEED

Recommended to fill the requirements of the average lawn, this mixture will produce a very desirable turf of fine-bladed, hardy grasses, capable of withstanding considerable wear and periodic dry spells. 20 lbs. per bus. 20c. per pt.; qt., 35c.; 65c. for 2 qts.; 4 qts., \$1.25; \$2.25 per pk.;  $\frac{1}{2}$  bus., \$4.00; \$7.50 per bus.; 100 lbs., \$35.00.

### MICHELL'S FAIRMOUNT PARK LAWN SEED

A mixture meeting the requirements of those desiring a moderately priced grass seed. 20 lbs. per bus. 15c. per pt.; qt., 25c.; 50c. for 2 qts.; 4 qts., 95c.; \$1.75 per pk.;  $\frac{1}{2}$  bus., \$3.25; \$6.00 per bus.; 100 lbs., \$25.00.

**White Dutch or Lawn Clover** (*Trifolium repens*). Choice, re-cleaned seed. 10c. per oz.;  $\frac{1}{4}$  lb., 25c.; 40c. per  $\frac{1}{2}$  lb.; lb., 75c.; \$3.50 for 5 lbs.; 10 lbs., \$6.50; \$15.50 per 25 lbs. Prices on White Clover subject to change.



## Michell's Grass Mixtures for Special Purposes

**Michell's Terrace Lawn Grass Seed.** Composed of deep-rooted varieties, adapted to the unusual requirements of the terrace. 20 lbs. per bus. 25c. per pt.; qt., 45c.; 85c. for 2 qts.; 4 qts., \$1.50; \$2.75 per pk.; ½bus., \$5.25; \$10.00 per bus.; 100 lbs., \$46.00.

**Michell's Southern Evergreen Lawn Seed.** For dry, hot localities. Especially suited to the Southern States. 20 lbs. per bus. 20c. per pt.; qt., 35c.; 65c. for 2 qts.; 4 qts., \$1.25; \$2.25 per pk.; ½bus., \$4.00; \$7.50 per bus.; 100 lbs., \$35.00.

**Michell's Seashore Lawn Seed.** A very satisfactory mixture for lawns along the coast. 20 lbs. per bus. 25c. per pt.; qt., 45c.; 85c. for 2 qts.; 4 qts., \$1.50; \$2.75 per pk.; ½bus., \$5.25; \$10.00 per bus.; 100 lbs., \$46.00.

**Michell's Special Sod Grass Seed.** Produces a heavy sod in a short time. Especially adapted for cemetery use. 20 lbs. per bus. 25c. per pt.; qt., 45c.; 85c. for 2 qts.; 4 qts., \$1.50; \$2.25 per pk.; ½bus., \$4.25; \$8.00 per bus.; 100 lbs., \$36.50.

**Michell's Superior Bent Grass Mixture.** Composed chiefly of the leading varieties of Bent Grass, but containing a sufficient percentage of other hardier fine-bladed grasses to produce a lawn of putting-green texture, but which is not as susceptible to disease and attack by insects as pure Bent. We recommend sowing this seed at the rate of 1 pound to 300 square feet. \$1.00 per lb.; 5 lbs., \$4.50; \$21.00 for 25 lbs.; 100 lbs., \$80.00.

**Michell's Fairway (Golf Course) Mixture.** Composed of short-growing, deep-rooted varieties that resist wear. 20 lbs. per bus. \$2.25 per pk.; ½bus., \$4.25; \$8.00 per bus.; 100 lbs., \$36.50.

**Michell's Athletic Field Grass Seed.** A mixture of deep-rooting, fine-leaved grasses. 20 lbs. per bus. \$2.25 per pk.; ½bus., \$4.25; \$8.00 per bus.; 100 lbs., \$36.50.

**Michell's Putting Greens Mixture.** Mixture of quick-growing, short, fine-bladed grasses. 25 lbs. per bus. 85c. per qt.; pk., \$5.50; \$10.50 per ½bus.; bus., \$21.00; \$80.00 per 100 lbs.

**Michell's Permanent Pasture Grass Seed.** A well-balanced combination of grasses. Sow 4 to 5 bushels per acre on new land or 2 bushels on established pastures. 20 lbs. per bus. \$2.25 per pk.; ½bus., \$4.00; \$7.50 per bus.; 100 lbs., \$35.00.

**Michell's Permanent Hayfield Grass Seed.** Will thrive under various conditions of soil and climate. Sow 4 to 5 bushels per acre on new lands or 2 bushels on established fields. 20 lbs. per bus. \$2.25 per pk.; ½bus., \$4.25; \$8.00 per bus.; 100 lbs., \$36.50.

**The New Jersey Lawn Seed Mixtures.** Developed and recommended by the New Jersey Agricultural Experiment Station.

- No. 1.** Standard Mixture (with clover).
- No. 1A.** Standard Mixture (without clover).
- No. 2.** For Finest Quality Turf.
- No. 3.** For Shaded Areas.
- No. 4.** For Terraces and Clayey, Shaley or Sandy Soils.

Prices on the above furnished on request

## Grasses in Separate Varieties

On account of market fluctuations on many varieties of grass seeds, prices on larger quantities than those named will be quoted on request.

If separate varieties of Grass and Clover seeds are wanted by Parcel Post, add 10c. per lb.; 20c. for 10 lbs., for postage to the first and second zones; for other zones, see Parcel Post table, page 1

**Bent Grass, Certified Seaside** (*Agrostis maritima*). Very highest quality, certified and sealed in 50- and 100-lb. bags by the Oregon Department of Agriculture. True creeping variety of Bent; makes an ideal putting-green turf. \$1.45 per lb.; 10 lbs., \$13.00.

**Bent Grass, Astoria.** A native Bent, grown in Oregon, similar in growth to the Colonial type. \$1.45 per lb.; 10 lbs., \$13.00.

**Bent Grass, Colonial or Rhode Island** (*Agrostis tenuis*; *A. capillaris*). \$1.50 per lb.; 10 lbs., \$13.50.

**Bent Grass, South German** (*Agrostis stolonifera*). Imported. For lawns, putting greens, tennis-courts, etc. 18 lbs. per bus. \$1.65 per lb.; 10 lbs., \$15.00.

**Bent Velvet** (*Agrostis canina*). The finest textured and most compact of Bent Grasses. \$5.00 per lb.

**Blue Grass, Kentucky** (*Poa pratensis*). The most important grass for lawns in the North. 14 lbs. per bus.

**Extra Fancy** (88% pure). 35c. per lb.; 10 lbs., \$3.00.

**Superfine Quality** (99% pure). 50c. per lb.; 10 lbs., \$4.50.

**Blue Grass, Canada** (*Poa compressa*). 14 lbs. per bus. 50c. per lb.; 10 lbs., \$4.50.

**Blue Grass, Rough Stalked** (*Poa trivialis*). Imported. A splendid grass for shaded places. 14 lbs. per bus. 75c. per lb.; 10 lbs., \$7.00.

**Crested Dogtail** (*Cynosurus cristatus*). Imported. 21 lbs. per bus. 65c. per lb.; 10 lbs., \$6.00.

**Fescue, Chewing's New Zealand** (*Festuca rubra fallax*). Imported. Especially recommended for putting greens and lawns. 14 lbs. per bus. 90c. per lb.; 10 lbs., \$8.50.

**Fescue, Fine-leaved** (*Festuca tenuifolia*). Imported. Especially valuable for dry soils. 14 lbs. per bus. \$1.00 per lb.; 10 lbs., \$9.50.

**Fescue, Genuine Red Creeping** (*Festuca rubra*). Imported. Excellent for putting greens, also for sowing on sandy soil and in shaded places. 14 lbs. per bus. \$1.00 per lb.; 10 lbs., \$9.50.

**Fescue, Hard** (*Festuca duriuscula*). Imported. Splendid for golf links, tennis-courts, etc. 14 lbs. per bus. 65c. per lb.; 10 lbs., \$6.00.

**Fescue, Meadow** (*Festuca pratensis*). 24 lbs. per bus. 35c. per lb.; 10 lbs., \$3.00.

**Fescue, Red** (*Festuca rubra*). Imported. Valuable for putting greens, also for sowing on sandy soil and in shaded places. 14 lbs. per bus. 90c. per lb.; 10 lbs., \$8.50.

**Fescue, Sheep's** (*Festuca ovina*). Imported. 14 lbs. per bus. 65c. per lb.; 10 lbs., \$6.00.

**Orchard Grass** (*Dactylis glomerata*). Fine for sowing in shaded places. 14 lbs. per bus. 40c. per lb.; 10 lbs., \$3.50.

**Red-Top, Fancy Recleaned** (*Agrostis alba*). One of the best grasses for immediate effect. 32 lbs. per bus. 35c. per lb.; 10 lbs., \$3.00.

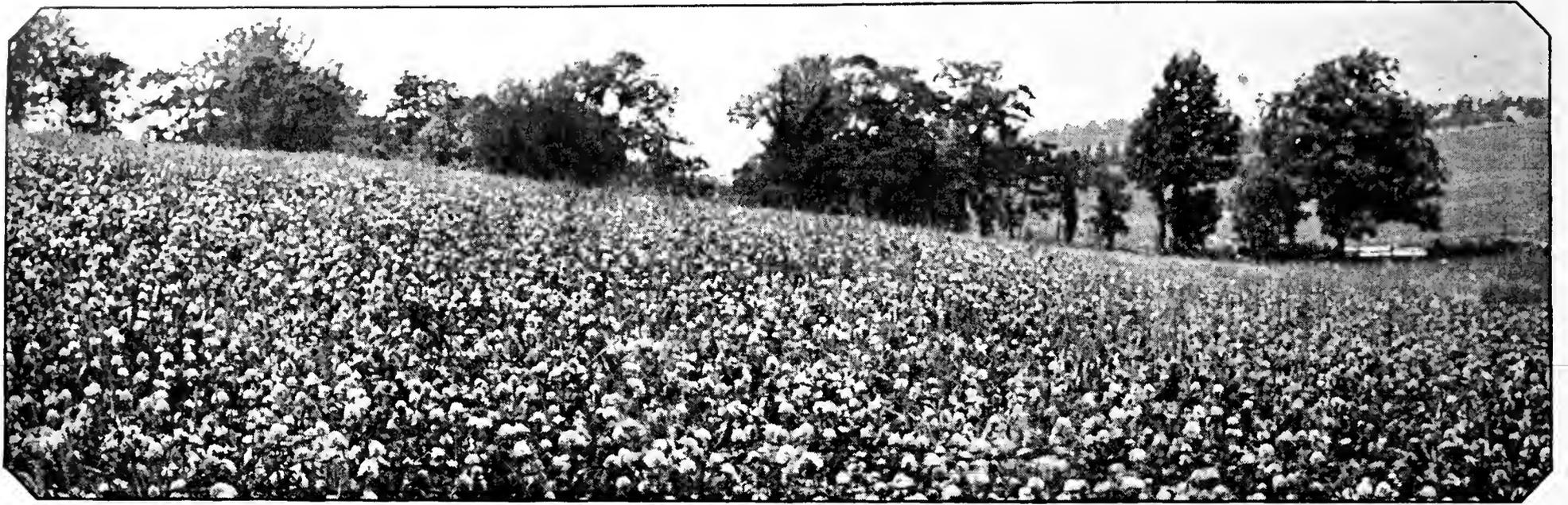
**Rye Grass, Domestic.** Not hardy in the North. Excellent winter grass for southern lawns. 20 lbs. per bus. 25c. per lb.; 10 lbs., \$2.00.

**Rye Grass, English or Perennial** (*Lolium perenne*). Imported. A hardy, deep-rooted, quick-growing grass. 24 lbs. per bus. 30c. per lb.; 10 lbs., \$2.50.

**Rye Grass, Pacey's English** (*Lolium perenne Pacey*). Imported. A fine strain of the above. 24 lbs. per bus. 35c. per lb.; 10 lbs., \$3.00.

**Rye Grass, Italian** (*Lolium italicum*). Imported. Ideal for southern lawns during the winter. 24 lbs. per bus. 25c. per lb.; 10 lbs., \$2.00.

**Timothy** (*Phleum pratense*). A grass of high value for hay and pasture. 45 lbs. per bus. 15c. per lb.; 10 lbs., 80c.



Field of Mammoth Red Clover

# MICHELL'S SEASONABLE FARM SEEDS

PRICES, WHERE NOTED, SUBJECT TO MARKET CHANGES

Parcel Post charges where named are for shipment to the first and second zones; for other zones see Parcel Post table, page 1

Prices for larger quantities than those listed will be sent on request

## CLOVERS

Weight of Clovers, 60 pounds per bushel.

**Alfalfa or Lucerne** (*Medicago sativa*). Non-irrigated Northwestern-grown seed. Sow during May, August, and September,  $\frac{1}{2}$  bushel (30 pounds) per acre, preferably with no other crop. 65c. per lb. (by Parcel Post, 75c.).

**Alfalfa**. (Grimm Strain.) An extremely hardy variety, less apt to winter-kill than older sorts. A heavy yielder and of deep-rooting habit. It requires about 15 to 20 pounds to properly seed an acre. 70c. per lb. (by Parcel Post, 80c.).

**Alsike or Swedish Clover** (*Trifolium hybridum*). One of the best for mixing with timothy; grows from 1 to 2 feet high. Sow early in the spring or late summer and early autumn, 10 to 15 pounds per acre alone or 8 pounds per acre with timothy. 50c. per lb. (by Parcel Post, 60c.).

**Crimson Clover** (*Trifolium incarnatum*). Used principally for soiling or green manuring. It is not hardy for more than one season and must be sown each year. Height 1 to 2 ft. Sow any time from April to October, 20 pounds to the acre. 25c. per lb. (by Parcel Post, 35c.).

**Red Clover, Medium** (*Trifolium pratense*). Central States origin. Used principally for hay purposes. Sow early in the spring or in late summer—July and August; if alone, 20 pounds per acre; if with other crops, 10 pounds per acre. 50c. per lb. (by Parcel Post, 60c.).

**Mammoth Red Clover** (*Trifolium pratense perenne*). This differs from the Medium, being of a ranker growth and yielding more fodder per acre. Sow early in spring or in July and August, using 20 pounds per acre alone, or with other crops, 10 pounds per acre. 55c. per lb. (by Parcel Post, 65c.).

**Sweet or Bokhara Clover** (*Melilotus alba*). Used either as a feed-crop or as a fertilizer, to plow under. Grows from 3 to 5 feet high and thrives on almost any kind of soil. Sow 15 pounds per acre during spring and fall. 25c. per lb. (by Parcel Post, 35c.).

**White Dutch or Lawn Clover** (*Trifolium repens*). Choice re-cleaned seed. Sow 10 to 12 pounds per acre if alone, or 5 pounds if sown on old turf or with other crops. 10c. per oz.;  $\frac{1}{4}$  lb., 25c.; 40c. per  $\frac{1}{2}$  lb.; lb., 75c.; \$3.50 for 5 lbs.; 10 lbs., \$6.50; \$15.50 per 25 lbs. Prices on White Clover subject to change.

Inoculate above with Legume-Aid. See last column

## Michell's Choice Re-cleaned Seed Wheat

Weight of Seed Wheat, 60 pounds per bushel.

**FORWARD (Beardless)**. This variety has gained rapidly in popularity. It has wonderful stooling properties, a single grain having been known to produce as high as fourteen stalks. Forward is a heavy yielder, 55 bushels per acre having been recorded. A very hardy variety, straw very thick-walled, of good length, and bears up its heavy load of grain well. This variety is well liked by millers, the grain being of a dark color and of hard texture. Medium early in ripening. Sow  $1\frac{1}{2}$  to 2 bushels per acre. 20c. per qt. (by Parcel Post, 30c.).

**LEAP'S PROLIFIC (Beardless)**. A most prolific variety indeed and may be relied on to give big crops. It stools out strongly and roots deeply. The grain is large, dark red, and of the best milling quality. Heads are large, with beautiful white chaff and without beards. It is one of the earliest to ripen and we recommend it as an all-round good variety. Sow  $1\frac{1}{2}$  bushels per acre. 20c. per qt. (by Parcel Post, 30c.).

**PENNSYLVANIA 44 (Bearded)**. A variety originating at the Pennsylvania State Agricultural Experiment Station and developed from the Fulcaster. Grains red; purple straw; white chaff. It is a few inches taller than Fulcaster, and with stiffer straw. This variety has yielded an average of 35 bushels per acre. Sow  $1\frac{1}{2}$  to 2 bushels per acre. 20c. per qt. (by Parcel Post, 30c.).

## RAPE

**Dwarf Essex**. An excellent green food for sheep and hogs; can be pastured 8 weeks after sowing. Sow 6 pounds per acre broadcast or in drills until October 1. It produces enormous crops and is ideal green manure. Weight, 50 lbs. per bus. 15c. per lb. (by Parcel Post, 25c.).

## WINTER RYE

This makes a fine winter cover crop, usually being sown in the autumn. Winter Rye will not mature if sown in spring. Weight, 56 lbs. per bus. Sow  $1\frac{1}{2}$  bushels per acre.

**Rosen**. An improved variety of exceptionally heavy yield, with long straw and well-filled heads. We offer only the choicest Michigan-grown seed. 15c. per qt. (by Parcel Post, 25c.).

## WINTER VETCH

*Vicia villosa*

Sometimes called Sand or Hairy Vetch. Our stock of this is the true type, which will absolutely live throughout the winter. Sow broadcast from August 1 to October 1, the earlier the better, 1 bushel per acre, to which we suggest adding a bushel of winter rye or wheat. In the spring it can be plowed under as green manure, or, when in flower, cut for hay. All stock relish it keenly. Seed should be inoculated with Legume-Aid before planting. Weight, 60 lbs. per bus. 25c. per lb. (by Parcel Post, 35c.).

## TIMOTHY

For sowing with wheat as a second-year hay-crop, or for sowing alone for a first-year hay-crop, this is extensively used. We handle only seed of the purest and highest germinating quality. Weight, 45 lbs. per bus. 15c. per lb. (by Parcel Post, 25c.); 10 lbs., 80c.

## LEGUME-AID

A moist composition base. Living bacteria in a base of relative low-moisture content which adheres to dry seed without the use of water.

For Alfalfa and all Clovers:  $\frac{1}{4}$ -bus. size 20c.; 30c. per  $\frac{1}{2}$ -bus. size; 1-bus. size 50c.; \$1.00 per  $2\frac{1}{2}$ -bus. size.

For Soy Beans, Peas, Vetch and Beans:  $\frac{1}{2}$ -bus. size 20c.; 30c. per 1-bus. size; 2-bus. size 50c.; \$1.00 per 5-bus. size.

Garden Size for Garden Peas, Beans, and Sweet Peas, 15c.

We can also supply Agar (Jelly) base at same prices. Always state what kind of seed you wish to inoculate when ordering.

## NEW IMPROVED CERESAN

For treating wheat to control stinking smut and to increase the yield from 8 to 20 per cent. Costs less than  $2\frac{1}{2}$  cents per bushel. 1-lb. tin, 70c.; \$3.00 per 5-lb. tin.

## WHEAT FERTILIZER

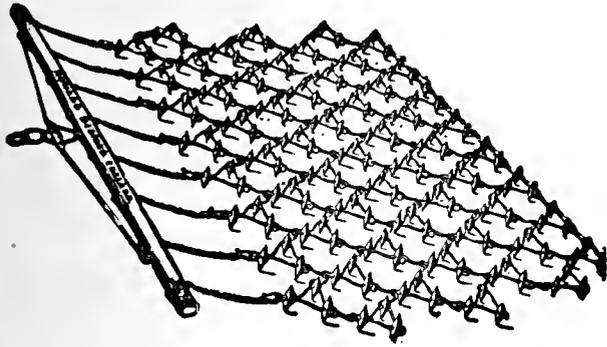
Especially compounded for seed wheat and other grains, and also for grass. 100 lbs., \$3.75; \$6.00 for 200 lbs.;  $\frac{1}{2}$  ton, \$26.00; \$50.00 per ton.

## MICHELL'S HIGH-GRADE AMMONIATED PHOSPHATE

For grain and grass crops, etc. 100 lbs., \$3.50; \$6.00 for 200 lbs.;  $\frac{1}{2}$  ton, \$25.00; \$45.00 per ton.

HENRY F. MICHELL CO.

# Michell's Lawn, Garden, and Farm Accessories



## Scotch Chain Harrow

One of the best implements for pulverizing, leveling, and smoothing the surface soil; also excellent for covering grass seed, etc.

	Weight	Each
<b>No. FH.1-R.</b> One-horse size, 6½ x 5½ ft. ....	210 lbs.	\$36 50
<b>No. FH.2-R.</b> Medium two-horse size, 8 x 5½ ft. ....	257 lbs.	50 00
<b>No. FH.3-R.</b> Full three-horse size, 11½ x 5½ ft. ....	380 lbs.	65 00

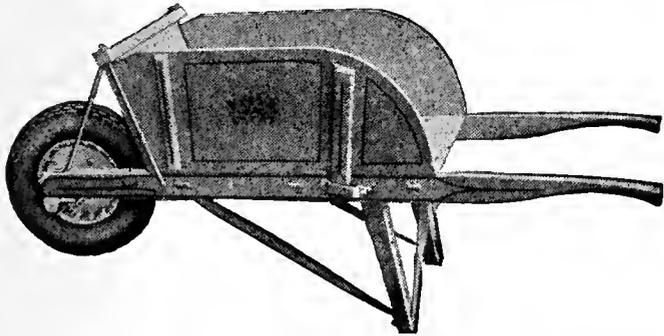
## Lawn and Putting Green Cleaner

The flexible rake-bars are of wood, with steel springs and teeth. They rotate like a lawn-mower cylinder and clean up every particle of leaves, litter, or rubbish, throwing it into a receptacle or bag in the rear.

Price, 24-in. Rake or Sweeper, \$35.00.

Please specify when ordering if wanted for lawn or putting greens.

**Sweeping Brushes.** Can be readily attached to the Rake for sweeping lawns, putting greens, paths, etc. Price, per set of three, 24-inch, \$9.00.



Great American No. 2 with rubber tire

## Wheelbarrows

The measurements of barrows are: length, meaning inside length of body; depth, inside depth at front; width, outside width at handles.

### Great American Wheelbarrow.

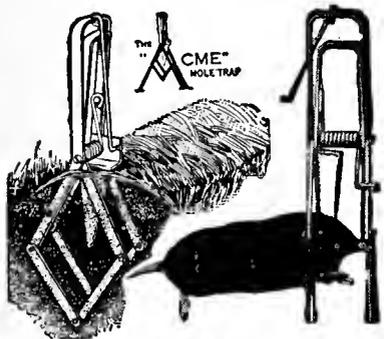
	Tire In.	Length In.	Depth In.	Width In.	Each
<b>No. 1.</b> ....	2¾	30	12	25	\$9 25
<b>No. 2.</b> ....	2¾	28	12	24	8 50
<b>No. 3.</b> ....	2¾	26	12	22	8 00

### Great American, Boys' Wheelbarrow.

<b>No. 4.</b> ....	1¾	22	9	18	6 00
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**Great American, No. 2.** Equipped with pneumatic rubber-tire wheel ..... 15 00

**Special Greenhouse Style.** Narrow body and handle width..... 11 00



Acme

<b>Acme</b> .....	\$2 00 (by Parcel Post, \$2.25)
<b>Reddick</b> .....	1 25 (by Parcel Post, 1.50)

## Mole Traps

For catching moles that ruin lawns and damage the contents of hotbeds and coldframes.

## Keystone Leaf-Rack

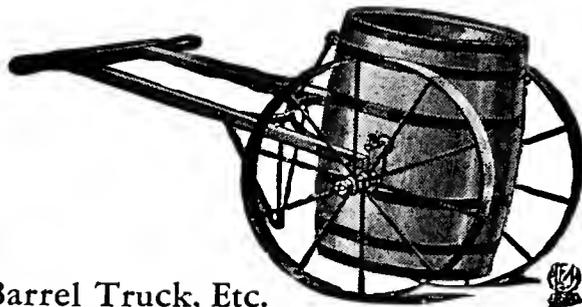
This device can be used on wheelbarrows with removable sides. Convenient for gathering leaves, cut grass and rubbish. Has a capacity of 10 bushels; made of galvanized wire bolted to a wooden base. Price, not including wheelbarrow, \$8.50.



## Wood Leaf-Racks

Excellent for gathering leaves, litter, grass, etc. They can be attached to a water barrel truck as shown below.

<b>Leaf-Rack only, no Truck</b> .....	\$13 00
<b>Leaf-Rack with 3½-inch tire Truck</b> ....	38 00
<b>Truck with 3½-inch tire wheels, no Rack or Barrel</b> .....	25 00



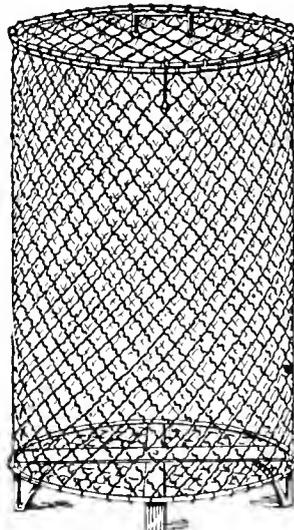
## Barrel Truck, Etc.

The Truck is constructed so that the barrel may be detached quickly and the leaf-rack attached.

<b>Truck with 3½-inch tire, all-iron wheels, with Barrel</b> .....	\$32 25
<b>Extra Barrels, with trunnions, open head</b> ..	7 25

## Rubbish Baskets

A basket for gathering up rubbish and litter will be found a great convenience, especially when it is suited for the purpose. This basket holds 3 bushels and can be carried or wheeled on a barrow. Price, with rope handles, \$4 50 each.



## Rubbish Consumers

**No. 5.** Made of heavy, crimped wire; pressed steel top and bottom; painted green; 29 in. high. Price, \$6.00.

### Extra-Heavy Construction

<b>No. 10.</b> 16 x 22 in. ....	\$11 50
<b>No. 20.</b> 20 x 30 in. ....	16 50

No. 20 Rubbish Consumer

## Sterling Mounted Grindstone

Substantially made; heavy steel frame with seat and double treadles; fitted with improved ball bearings of the very best quality, encased so they will keep clean. Stone, 19 to 22 in. diam., 1¾ to 2¼ in. thick. Weight, 100 lbs. Shipped knocked down, crated. Price, \$13.50.

## Brooms and Brushes

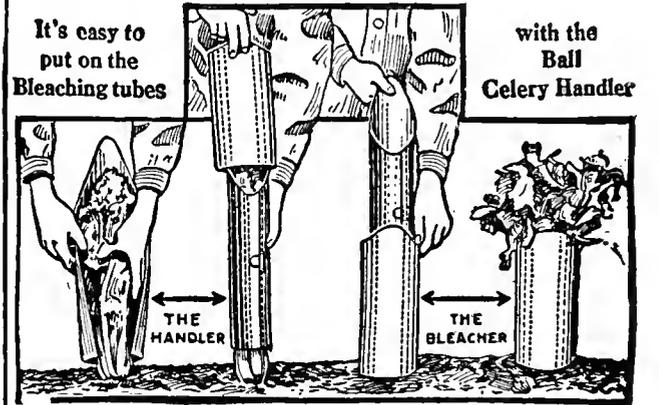
For sweeping paths, gutters, roads, etc.; all with handles.

### Brooms

<b>No. 9.</b> Japanese fibre .....	\$1 25
<b>No. 8.</b> Corn and rattan mixed .....	1 00
<b>Golf Greens.</b> Birch .....	35
<b>No. 7.</b> Plain corn. Extra quality .....	1 00

### Road Brushes

<b>No. 271.</b> Rattan Push. 14-in. ....	\$1 10
<b>No. 1414.</b> Bass or Cocoa Push. 14-in. ...	1 10



## Ball Lightning Celery Bleachers

A practical, inexpensive device for bleaching early celery, made from a special process paper which is sufficiently waterproof to stand wet weather.

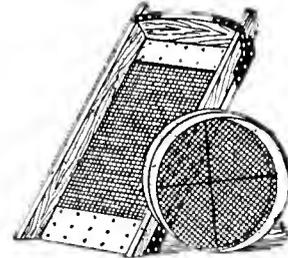
Size	Per 100	Per 1000
6 x 12 in. ....	\$2 25	\$18 00
6½ x 13 in. ....	2 50	20 00
7 x 14 in. ....	2 75	24 00

## Ball Celery Handler

Brass, \$3.00 each. Tin, \$1.00 each.

## Rubber Bands

For tying celery in bunches. Price, \$1.50 per lb.



## Sieves

Made extra well, in any size mesh.

	Each	By Parcel Post
18-in. Steel (Heavy) .....	\$2 00	\$2 20
18-in. Galvanized Wire .....	2 00	2 20

## Large, Upright Sieve

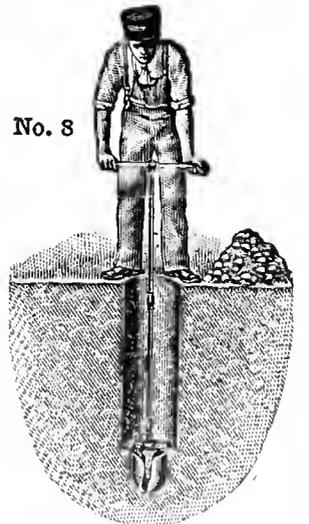
For soil, gravel, sand, etc. Made in any size mesh, of extra-heavy grade foundry wire. Price, \$17.50.

## Post-Hole Diggers

**No. 8.** This bores a hole 3½ feet deep and can be adjusted in diameter from 8 to 14 inches. Price, \$6.25.

**No. 15.** Eureka. Price, \$2.50.

**Post Hole Spade.** All steel, with tamper end. Price, \$3.50.



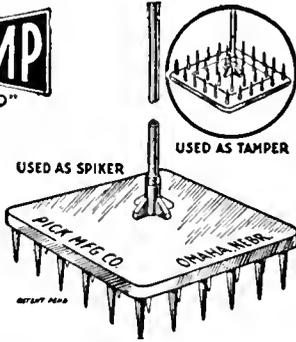
You will see that we have a tool for every gardening need

MICHELL'S LAWN, GARDEN, and FARM ACCESSORIES, continued



Price, \$4.50.

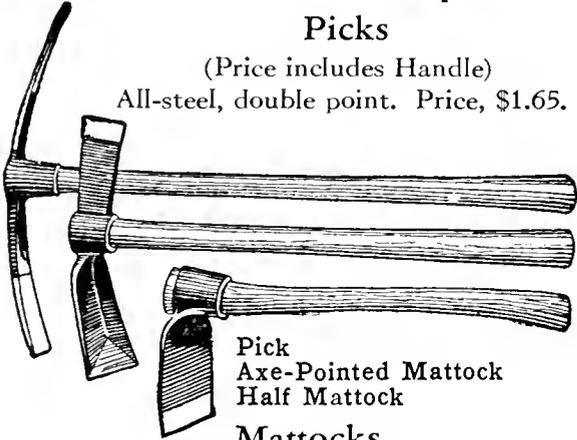
An indestructible all-metal tool made of quality material. Weight, 11½ lbs.; overall length, 4 ft.; plate, 9 in. square; spikes, 1¾ in. long.



Picks

(Price includes Handle)

All-steel, double point. Price, \$1.65.



Pick  
Axe-Pointed Mattock  
Half Mattock

Mattocks

(Price includes Handle)

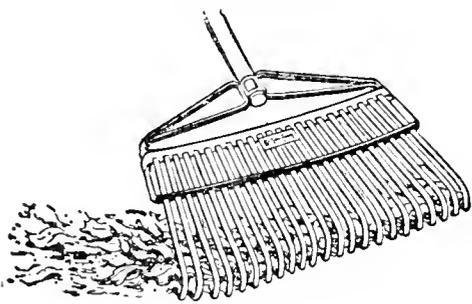
Axe-pointed.....\$1 75  
Pick-pointed..... 1 75  
Half Mattocks or Grub Hoes..... 1 75



Bamboo Rakes

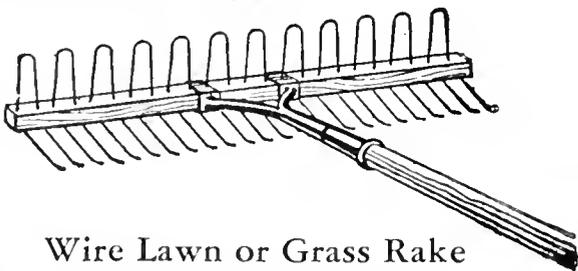
Made of split bamboo, rigidly secured, with handle. Just the thing for cleaning grass clippings from walks, flower-beds, borders, and from the lawn.

18-in., with bamboo handle (old style)....\$0 35  
18-in., with hardwood handle..... 75  
24-in., with hardwood handle..... 1 00  
30-in., with hardwood handle..... 1 50



Lawncomb Rake

Cleans your lawn without injuring tender growing grass. Frame is one-piece steel construction; electrically welded ends. 20-in., natural-finish handle. Price, \$1.75.



Wire Lawn or Grass Rake

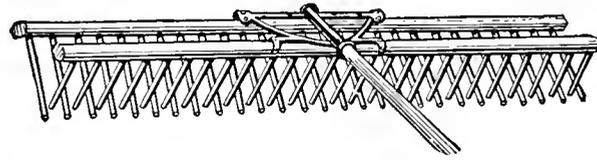
Made of heavy tinned steel wire. The rake is reversible. Excellent for lawn or walk work.

No. 124R. 24-tooth.....\$1 00  
No. 36LR. 36-tooth..... 1 75



Fuller Lawn Broom

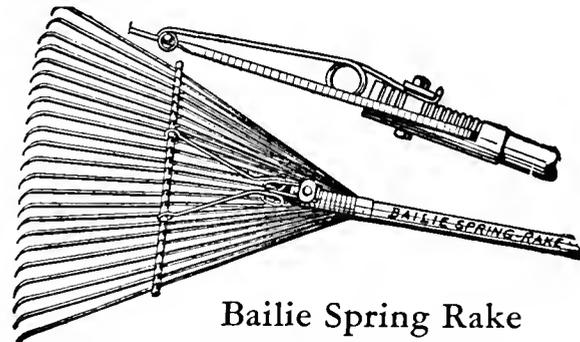
Well made of good material; has 28 flexible spring steel teeth ¾ inch apart. Price, \$2.00.



Automatic Lawn Rake

A backward motion of the operator clears all the teeth at once.

No. 226. Wood. 26-tooth.....\$1 75  
No. 238. Wood. 38-tooth..... 2 50



Bailie Spring Rake

Fitted with extra-heavy spring from handle to spacer and has 24 teeth made from spring wire, slotted and keyed throughout. Ideal for lawn or driveway. Price, \$2.00.

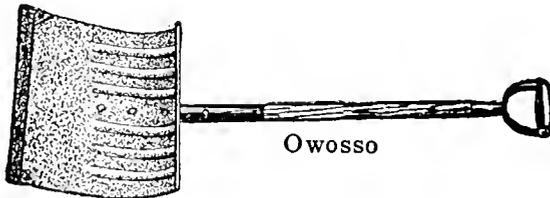
Ole Olsen Lawn Rake

Made of best hardwood, well braced, with teeth set close together.

26-tooth, hickory wood. Price, \$1.00.

Ames Wooden Rakes

No. 37X. 28-tooth; steel bows.....\$1 25  
No. 30X. 14-tooth; hardwood..... 90



Owosso

Snow Shovels

Owosso. Galvanized; 16-in. width.....\$1 40  
Owosso. Galvanized; 20-in. width..... 1 75  
No. 218. Cronk. Steel..... 1 50

Axes

Plumb Make. Medium, man's size; made of best-quality steel. Price, \$2.50 (by Parcel Post, \$2.70).

Steel Hammers

Plumb. Price, \$1.00 (by Parcel Post, \$1.10).

Hatchets

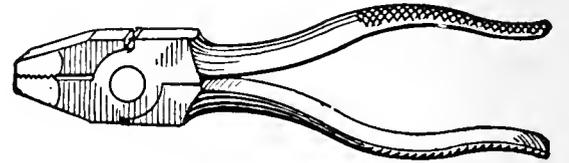
Made of the best-quality tool steel that will keep an edge.

No. P. T. H. I. Plumb. Price, \$1.25 (by Parcel Post, \$1.40).

Monkey Wrenches

For machinery. Made of first-quality hard steel.

	Each	By Parcel Post
8-in.....	\$1 10	\$1 25
10-in.....	1 35	1 50



Steel Pliers

	Each	By P. P.
No. 70. Side cutting, 6-in.....	\$1 00	\$1 10
No. 70. Side cutting, 7-in.....	1 25	1 35

Screw-Drivers

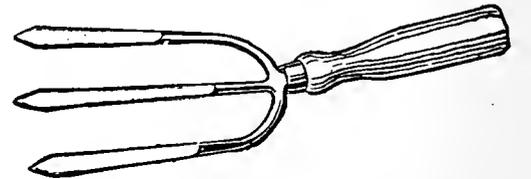
	Each	Each
4-in.....	\$0 30	6-in.....\$0 40
5-in.....	35	8-in..... 50
10-in.....	\$0 60	

If wanted by Parcel Post, add 10c. each for postage.



Corn Knife

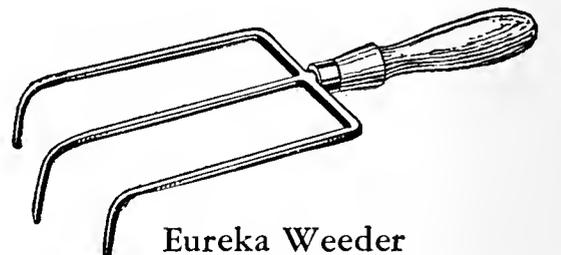
No. 300. Eureka. Bent blade. Price, 75c. (by Parcel Post, 90c.).



Eureka Weeding Fork

No. 300. Made of best flexible steel. Fine for loosening soil in the garden, in hotbeds, etc. Short handle. Price, 55c. (by Parcel Post, 65c.).

G4. Long handle. Price, 80c.

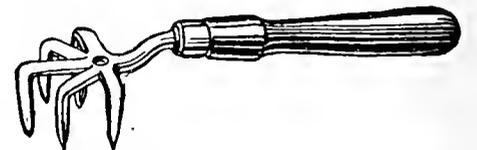


Eureka Weeder

No. E. Made of flexible steel; very light. An ideal tool for market gardeners, florists, and amateurs.

Short handle. Price, 50c. (by Parcel Post, 60c.).

No. EL4. Long handle. Price, 80c.



Excelsior Weeder

No. 443. Made of malleable iron, finished in tin. Price, 15c. (by Parcel Post, 25c.).



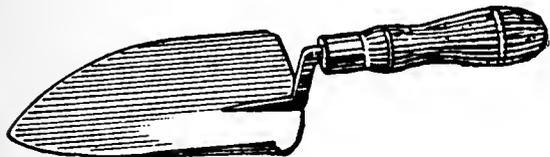
Hazeltine Weeder

No. 200. Price, 35c. (by Parcel Post, 45c.).

Parcel Post charges where named are for shipment to the first and second zones; for other zones, please see page 1

Use the best tools and make gardening a pleasure

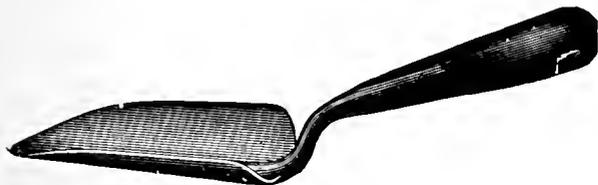
MICHELL'S LAWN, GARDEN, and FARM ACCESSORIES, continued



Johnson Steel Trowels

No. 211. These are made of one-piece steel blade and shank, equal to the imported Trowels.

	By Parcel	
	Each	Post
5-in.....	\$0 75	\$0 85
6-in.....	80	90
7-in.....	85	95



D. S. T. Steel-Shank Trowel

These are somewhat long in blade and handle, making a very practical tool. 6-in. blade. Price, 90c. (by Parcel Post, \$1.00).



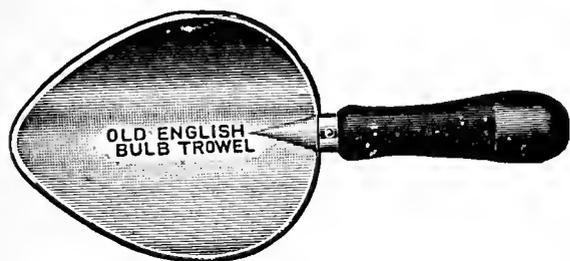
Cleves' Angle Trowel

No. 217. For getting dandelion, plantain, and other weeds out of the lawn, and transplanting.

	By Parcel	
	Each	Post
5-in.....	\$0 25	\$0 35
6-in.....	30	40
7-in.....	35	40

Miscellaneous Trowels

	By Parcel	
	Each	Post
No. 800. Neverbreak. 5-in.; heavy steel.....	\$0 15	\$0 25
No. 215. Steel. Wood handle...	30	40

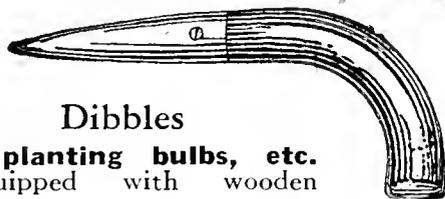


Old English Bulb Trowel

Heart-shaped blade, 4 1/4 inches wide. For planting out bulbs and plants. Price, \$1.00 (by Parcel Post, \$1.10).

Hole-in-One Plant Setter and Bulb Planter

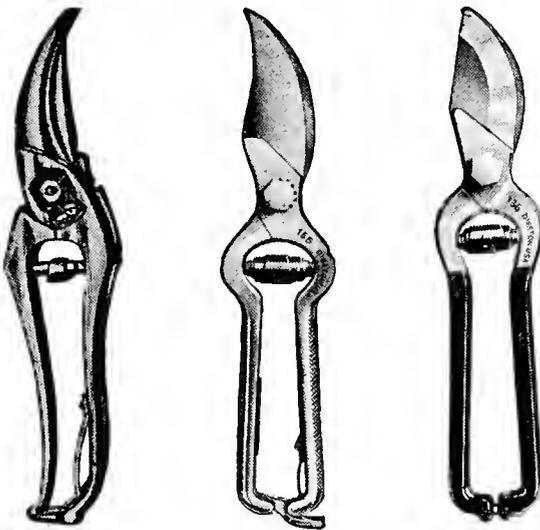
An excellent tool for planting bulbs or transplanting various plants, as it makes the proper size hole with ease. Price, 50c



Dibbles

For planting bulbs, etc. Equipped with wooden handles.

No. 2180. Brass point. Price, \$1.00 (by Parcel Post, \$1.10).  
No. 218. Iron point. Price, 85c. (by Parcel Post, 95c.).



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156

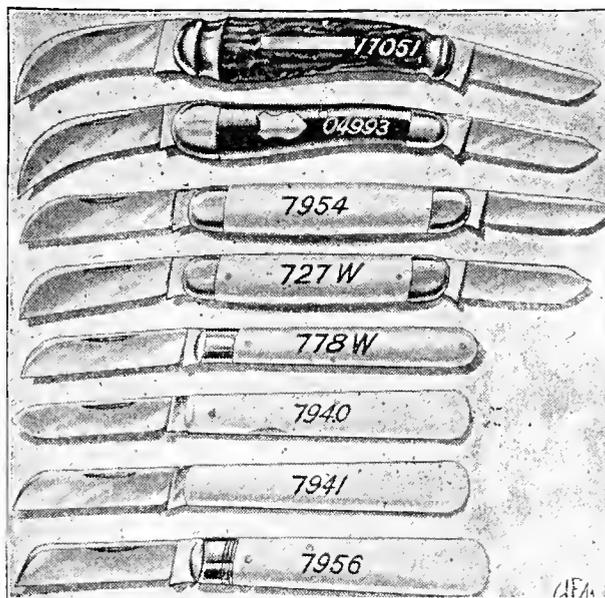
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Pruning Shears

These are procured from the most reliable makers and fully guaranteed.

If wanted by Parcel Post, add 15c. each.

No.	Maker	Length	Each
No. 100.	Michell	9 in.	\$4 25
No. 126.	Disston	8 1/8 in.	1 75
No. 156.	Disston	8 1/2 in.	3 25
No. 116.	Disston	9 in.	1 00
No. 136.	Disston	9 in.	1 25
No. 5945.	Elbersmit	9 in.	3 00
No. 5720.	Elbersmit (Nickel)	6 1/2 in.	2 25
No. 23.	Levin		75
No. 5.	Pexto	9 in.	50
No. 109.	Wiss	8 in.	3 50
Spiral Springs. 20c. each; doz., \$2.00.			



Horticultural Knives

Our stock consists of styles that are practical and in demand. They are all of the best steel. Every one is guaranteed.

Wostenholm English

7705. Pruning; 1 blade; stag handle...	\$3 50
7940. Budding; 1 blade; white handle...	3 00
7954. Budding; 2 blades; white handle...	3 50
7956. Budding; 2 blades; white handle...	4 00
17051. Pruning; 2 blades; stag handle...	3 50

American Make

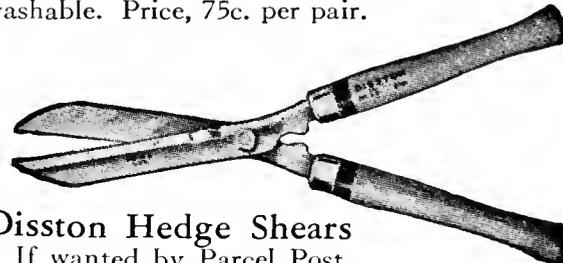
No. 105. Pruning; 1 blade; cocoa handle...	\$1 10
No. R1955. Budding; 1 blade...	1 00
No. 727W. Budding; 2 blades; white handle...	1 40
No. 778W. Budding; 1 blade; white handle...	1 00
No. 04993. Budding and Pruning; 2 blades; stag handle...	1 10
Florists' Favorite. 1 blade; white handle.	
An excellent Knife...	1 00

Pruning Gloves

- No. 225. Horsehide, with gauntlets, not lined ..... \$3 00
- No. 280. Horsehide, with gauntlets, lined. 1 85
- No. 228F. Horsehide, no gauntlets, not lined ..... 2 50
- No. 217. Horsehide, with gauntlets, not lined..... 2 00



All leather, soft as kid; dirt-proof; durable; washable. Price, 75c. per pair.



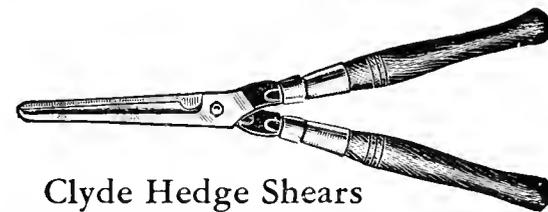
Disston Hedge Shears

If wanted by Parcel Post, add 25c. each for postage.

	Disston	English
6-in., Ladies'.....	\$2 25	
8-in.....	2 50	\$3 75
9-in.....	2 75	4 00
10-in.....	3 00	4 50
12-in.....		5 50

Bolts and Nuts for Hedge Shears, 30c.

Handles for Hedge Shears, \$1.00 per pair.



Clyde Hedge Shears

No. 5430W. Drop forged solid tool steel blades, notched, full polished handles made of ash, 12 in. long; blades 8 in. Price, \$2.50.

No. 5435. Especially for ladies' use. Drop forged solid tool steel; handles made of black walnut, 9 in. long; blades 6 in. Price, \$1.75.

Simplicity Hedge Trimmer

No. 100. To be used for fresh new growth only. Works rapidly and easily. It will trim every variety of hedge grown and to any shape desired. Price, \$4.00 (by Parcel Post, \$4.25).

Simplicity Hedge Pruner and Trimmer

No. 101. For pruning back old growth and trimming new. Price, \$5.00 (by Parcel Post, \$5.25).



Brush Hook

No. 10. An ideal tool for cutting heavy bushes, weeds, etc. Price, \$2.50.



No. 1 Forester Lopping Shears

Forester Lopping Shears

Powerful and ruggedly built Shears. Has patented slide-shift power slot.

No. 1. 20 in. long. Capacity, 1 3/8 in. Weight, 2 lbs., 10 ozs. Price, \$5.00 (by Parcel Post, \$5.15).

No. 2. 27 in. long. Capacity, 1 1/2 in. Weight, 4 lbs., 10 ozs. Price, \$6.00 (by Parcel Post, \$6.20).

Parcel Post charges where named are for shipment to the first and second zones; for other zones, please see Parcel Post table on page 1

MICHELL'S LAWN, GARDEN, and FARM ACCESSORIES, continued



Trims hedges ten times faster, and it's fun—not work. Operates from any ordinary light socket; cuts a clean, perfect swath through the toughest hedge growth. Trims 100 feet of hedge, top and sides, in 30 minutes.

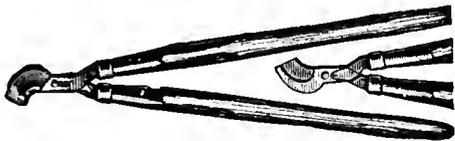
The most powerful electric hedge-trimmer. Weighs only 6 pounds. Thousands of satisfied users everywhere say that Electrimer is the finest, strongest, most practical hedge-cutter ever produced; and many state that it saves so much over slow, costly hand labor that it pays for itself in a single season.

Complete with 8-ft. cord.....\$29 50  
100 ft. best-quality 18-gage extra cord... 4 50  
200 ft. best-quality 18-gage extra cord... 8 50

Little Wonder Hedge Trimmer

The Little Wonder Hedge Trimmer cuts every variety of hedge grown, five to six times faster than the old-fashioned hand-shear method and makes hedge-cutting a pleasure. Long cutting-bars which make a quick and even cut. Made strong and sturdy; built to last many years.

Junior. 30-in. cut.....\$27 50  
Little Wonder. 40-in. cut..... 30 00  
Little Wonder. 60-in. cut..... 35 00  
Little Wonder, Jr. Electric. 27-in cut. 55 00



Clyde Draw-Cut Lopping Shears

Lopping Shears

**No. 5409. Clyde.** Solid tool-steel blade and hook; ash handles, 24 in. long. Price, \$2.00 (by Parcel Post, \$2.15).

**No. 5402. Clyde Draw-Cut.** Blade, hook, and shank are forged from tool steel; ash handles, 30 in. long. Price, \$4.00 (by Parcel Post, \$4.20).

**Disston Lopping.** Polished hardwood handle, 20 inches long; heavy ferrule; heavy blades for heavy work. Weight 3¼ lbs. Price, \$3.50 (by Parcel Post, \$3.65).

**Disston Bull Dog Lopping.** Both jaws curved, both cutting jaws. Weight 3½ lbs. Price, \$3.50 (by Parcel Post, \$3.65).

**Rhodes.** Makes an absolutely clean, perfect cut. The blades are concaved at the cutting edge, producing, with the handles, an enormous leverage. 26-in. and 30-in. handles. Price, \$5.00 (by Parcel Post, \$5.20).

Tree Pruners

**Disston's Little Giant Pruner**.....\$2 50  
**Disston's Little Giant Pruner,** with saw attachment..... 3 50

Poles for Tree Pruners

12 ft. long, 1½-in. diam....\$2 50  
14 ft. long, 1½-in. diam.... 3 00

Clyde Tree Trimmer

**No. 5407.** Both blade and hook are made from the best tool steel, firmly riveted to bass-wood handles. Removable cutting blade and pole complete.

6 ft.....\$2 50  
8 ft..... 2 75  
10 ft..... 3 00  
12 ft..... 3 25  
14 ft..... 3 50

Extra Blades for Clyde Pruners, 25c. each.



No. 4



No. 7



No. D27

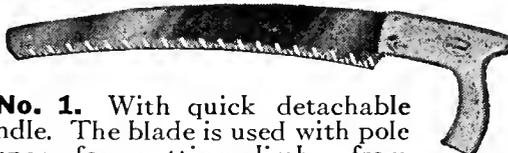
Disston Pruning Saws

If wanted by Parcel Post, add 15c. each for postage.

**No. 4.** 18-in., double edge.....\$1 75  
**No. 4.** 20-in., double edge..... 1 90  
**No. 7.** 16-in., single edge..... 1 75  
**No. 7.** 18-in., single edge..... 1 85  
**No. 7.** 20-in., single edge..... 2 00  
**No. 5.** 20-in., double edge, curved blade.. 2 00  
**California Pattern.** 14-in. Crescent-shaped blade..... 1 50  
**D27.** A superior Saw for tree-surgery work. Steel blade 6 in. wide at butt; 1¼ in. at the point, 26 in. long; hardwood handle. 3 75

Speed Saws

A patented Saw with new-design teeth in groups of 2 slicer teeth and one planer tooth. Made of the best rust-resisting steel, in excellent finish, and used by many for every purpose.



**TR No. 1.** With quick detachable handle. The blade is used with pole pruner for cutting limbs from ground. An all-purpose Saw. Very popular with all classes of users. 16-in. blade. Price, \$3.60.



**TR No. 3-14.** Similar to the above and used extensively by tree surgeons. 26-in. cut. Price, \$4.50.

Cross-Cut Log Saws, Disston Make

**No. 554. Champion.** One-man; 3-ft. blade.....\$3 75  
**Great American.** Two-man; 5-ft. blade. 6 00

Carpenter Saws

State if rip or cross cut is wanted.  
**No. 8D. Disston.** 26-in. blade, \$3.25.



Tree Scraper

For removing loose bark from trees prior to spraying. Steel blade may be detached and sharpened.

**No. 3.** Short handle. Price, 65c. (by Parcel Post, 75c.).

**No. 5.** 2-ft. handle. Extra heavy. Price, \$1.50.

Tree or Bark Brush

For brushing down trees, to remove insects, borers, etc. Made of steel. Price, 8½-in., 45c. (by Parcel Post, 55c.).

Graftex

A scientific grafting and dressing compound endorsed by leading tree surgeons and agricultural authorities. ½-lb. can, 50c.; \$4.25 per 5-lb. can.

Grafting Wax

¼lb., 20c.; 30c. per ½lb.; lb., 50c. (by Parcel Post, 60c.).

Tiffany Grafting Tool

Made of the best steel. For grafting trees, etc. Price, \$1.25 (by Parcel Post, \$1.35).



Black Hawk Corn Sheller

Excellent for small poultry farms, etc., as it can be fastened to a bench, box, etc., for shelling small quantities of corn. Ball-bearing. Price, \$3.25 each (by Parcel Post, \$3.50).

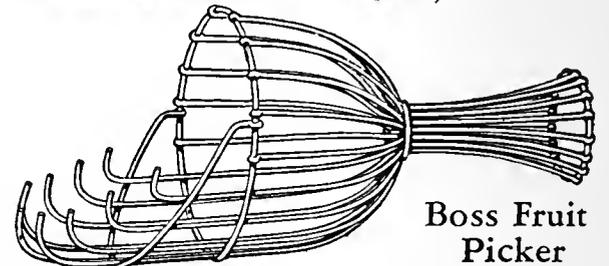


Garden Baskets

**No. 2. Stiff Handle.** ½ bus. Price, 90c. (by Parcel Post, \$1.05).

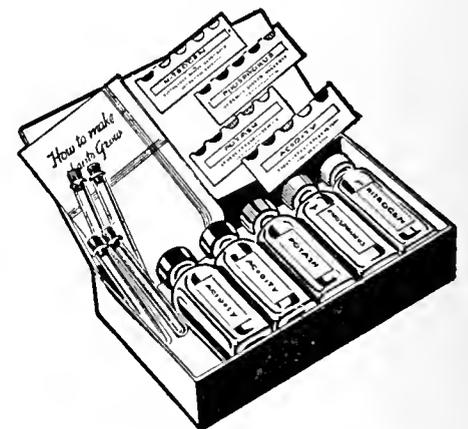
**No. 3. Drop Handle.** ½ bus. Price, 90c. (by Parcel Post, \$1.05).

**No. 4. Without Handle.** ½ bus. Price, \$1.00 (by Parcel Post, \$1.15). 1 bus. Price, \$1.10 (by Parcel Post, \$1.30).



Boss Fruit Picker

Made substantially of galvanized wire. Can easily be attached to a pole of any length. Price, 50c. (by Parcel Post, 60c.).



Sudbury Soil-Test Kit for Acidity

With this Soil-Test Kit anyone can make practical tests to determine acidity of soil, or any possible deficiency in nitrogen, phosphorus and potash. Complete instructions with each Kit.

**Professional Size**.....\$18 50  
**Horticultural Size**..... 9 75  
**Model D.** For home use..... 2 00

Hormodin

(The Root-Forming Chemical)

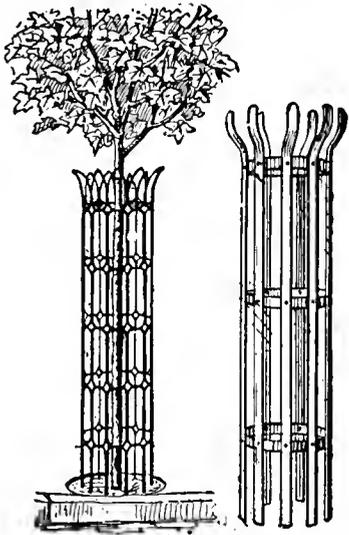
A root-forming chemical for stimulating rapid root-growth on cuttings, simply by placing the basal ends in the solution before planting them. Cuttings so treated root quicker and have more growing roots per cutting. Each package contains a calibrated easy-to-use measure, complete directions, and a treatment chart. Price, 20-unit size, \$1.00; \$2.00 per 60-unit size; 240-unit size, \$7.00; \$13.00 per 480-unit size; 960-unit size, \$24.00.

MICHELL'S GARDEN and GREENHOUSE ACCESSORIES, Etc.

Tree Guards  
Galvanized Wire.

Carefully made of heavy material and finished in a neat and substantial manner. Price, 12-in. diam., \$1.75 each; 9-in. diam., \$1.50 each.

No. 4. Iron. Made of flat iron finished black; will last indefinitely with an occasional painting. Price, \$4.50 each.



Wire Guard Iron Guard

Philadelphia Official Tree Guard. Made of heavy, round iron. Price, \$6.50 each.

Cedar Picket Fencing

Will wear for years without paint. Readily put up and saves time, labor, and expense of fence-building. 50-foot rolls are carried in stock; 75- and 100-foot rolls will be shipped from factory.

3 ft. high, 12c. per running foot.  
4 ft. high, 14c. per running foot.  
5 ft. high, 18c. per running foot.

Wire Netting

Price is constantly changing and is subject to market.

No. 19. Galvanized; 2-inch mesh. 150 running feet per bale.

Width	Per bale	Width	Per bale
12 in.	\$1 75	42 in.	\$4 50
18 in.	2 50	48 in.	5 00
24 in.	3 50	60 in.	6 00
30 in.	4 00	72 in.	7 25
36 in.	4 25		

No. 20. Galvanized; 1-inch mesh. 150 running feet per bale.

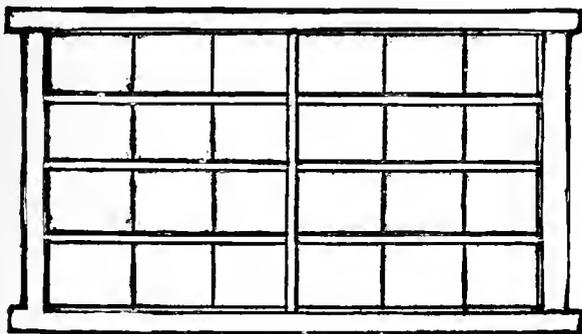
Width	Per bale	Width	Per bale
12 in.	\$3 00	42 in.	\$7 50
18 in.	4 25	48 in.	8 75
24 in.	5 25	60 in.	11 25
30 in.	6 00	72 in.	12 75
36 in.	6 75		

Staples

For fastening netting. Price, 3/4-in., 15c. per lb. (by Parcel Post, 25c.).

Cut Wire Netting

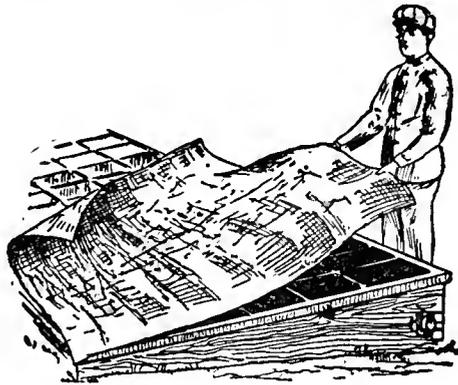
We can furnish this in both 1- and 2-in. mesh, in units of 25-, 50-, 75-, 100-, and 125-ft. lengths. Price, 1-in. mesh, 4c. per sq. ft.; 2-in. mesh, 2c. per sq. ft.



Hotbed Sash

Philadelphia Style. Made of best-quality cy-press. Size, 3 ft., 1 1/2 in. wide, 6 ft. long, 1 3/4 in. thick. Plain, not glazed or painted. Price, \$3.75.

Glazed, primed and puttied. Price, \$8.00.



Hotbed Mats

Hotbed Mats keep frost and severe cold out of frames. They mean earlier and bigger crops. The Burlap style is the best Mat that it is possible to procure. They are padded with shoddy and are practically indestructible.

Burlap, Non-Waterproof. 76 x 76 in., covering two regular size sash. Price, \$4.00 each.

Burlap, Non-Waterproof. 40 x 76 in., for one sash. Price, \$2.50 each.

Burlap one side, Waterproof Drill one side. 76 x 76 in. Price, \$5.00 each.

Burlap one side, Waterproof Drill one side. 40 x 76 in. Price, \$3.00 each.

Special sizes of the above Mats made to order. Prices on application.

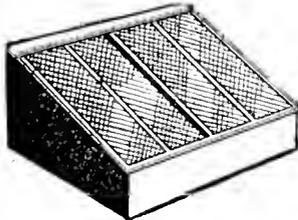
Burlap

	Plain	Green
For covering shrubbery, etc.		
3 ft. wide, cut pieces	\$0 14	\$0 22
Full pieces, 100 yds.	13	21
40 in. wide, cut pieces	15	23
Full pieces, 100 yds.	14	22
4 ft. wide, cut pieces	17	25
Full pieces, 100 yds.	16	24

Flex-O-Glass

A glazed cloth used in place of glass in poultry houses, hotbeds, greenhouses, etc. Transparent and readily admits light, while at the same time withholding cold, water and wind. 36 in. wide.

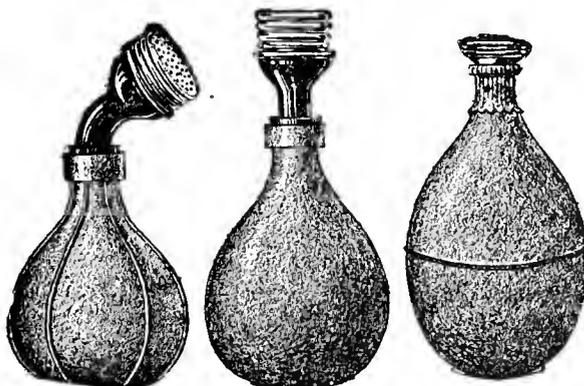
	Per yard
Cut pieces	\$0 25
Full roll lots (100 yds.)	23



Cel-O-Glass

The real glass substitute for poultry houses, chicken coops, barns, etc.; also takes the place of glass in hotbed sash. 28- and 36-inch widths.

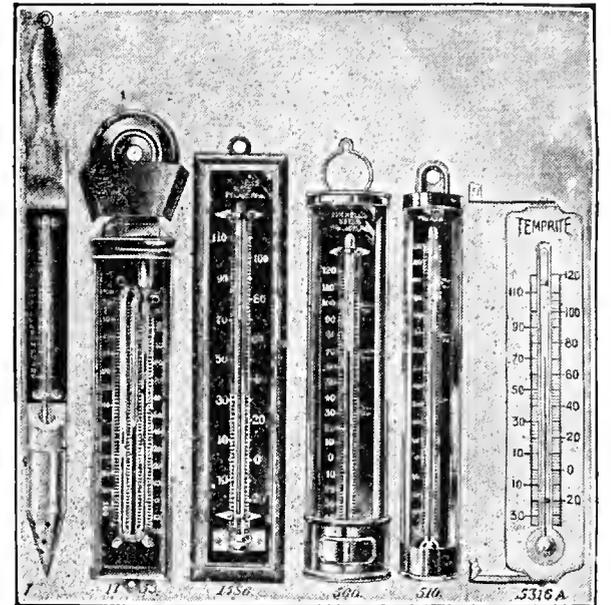
	28-in.	36-in.
Cut pieces, per running ft.	\$0 35	\$0 40
Full roll lots per running ft.	32	38



Rubber Sprinklers

Spraywell style in either straight or crook neck.  
No. 1. Spraywell Style. 6-oz. capacity.. \$0 85  
No. 2. Spraywell Style. 8-oz. capacity.. 1 00  
No. 3. Spraywell Style. 10-oz. capacity. 1 25  
No. 1. Scollay. 12-oz. capacity..... 1 50

If wanted by Parcel Post, add 10c. each for postage.



Thermometers

No. 1757. Maximum and Minimum. Registers the coldest and warmest point during the previous night. 10-in., black tin case. Price, \$6.00 (by Parcel Post, \$6.10).

Tested Thermometers

If wanted by Parcel Post, add 10c. each for postage.

- No. 506. 8 in. Tin case.....\$0 85
- No. 510. 10 in. Tin case..... 1 00
- No. 556. 8 in. Greenhouse..... 1 25
- No. 560. 10 in. Greenhouse..... 1 50
- No. 656. 10 in. Genuine copper case... 2 25
- No. 1582. 8 in. Wood back; black scale.. 2 00
- No. 5127. 8 in. Temprite greenhouse; white enamel; red column..... 1 25
- No. 5316A. 8 in. Temprite Window or Wall; white enamel; red column..... 1 25

Glass Dairy Thermometer

No. 5724. For testing milk, etc.; also used for soil purposes. Price, 50c. each (by Parcel Post, 60c.).

Mushroom or Hotbed Thermometer

No. 20450. Iron point; oxidized finish. Price, \$3.00 (by Parcel Post, \$3.15).

Recording Thermometer

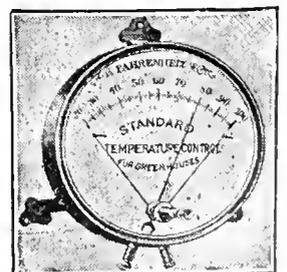
No. 200. This type of Thermometer, which can be equipped with either a daily or weekly chart, enables one to keep an accurate record of the temperature in his greenhouse during every hour of the day and night. The Thermometer is equipped with a high-grade clock and ink stylus which marks very accurately. It is an ideal installation. In ordering state if weekly or daily record chart is desired. Price, \$42.50, by Express.

Electric Thermostat

This device can be set to ring an alarm when the temperature goes above or drops below a desired point. All brass.

No. GH3. Not waterproof style. Price, \$11.50 (by Parcel Post, \$11.75).

No. GH4. Waterproof style. Price, \$17.50 (by Parcel Post, \$17.75).

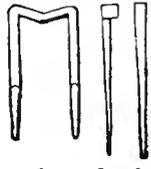


Thermostat

MICHELL'S GARDEN and GREENHOUSE ACCESSORIES, Etc.

Glazing Points

**Peerless.** Three sizes.  
**No. 1.** For single-thick glass.  
**No. 2.** For single-thick glass.  
**No. 2 1/2.** For double-thick glass.



Price, 75c. per 1000 (by Parcel Post, 85c.).

**Pincers.** For driving Peerless Points. Price, \$1.00 (by Parcel Post, \$1.10).

**Siebert Style (Zinc).** Made with a prominent head; cannot rust; easily driven. 5/8-, 3/4-, and 7/8-in. Price, 50c. per lb. (by Parcel Post, 60c.); \$2.35 for 5 lbs. (by Parcel Post, \$2.50). 1000 to 1200 in a lb.

**Zinc Glazing Nails.** Price, 50c. per lb. (by Parcel Post, 60c.).

1 2 3  
 No. 1. Peerless.  
 No. 2. Siebert's.  
 No. 3. Zinc nails.



Glass Cutters

**Single Wheel.** Steel.....\$0 30  
**6-Wheel.** Steel..... 50  
**No. 8. Small Diamond.** Ebony handle. 7 00  
**No. 8A. Large Diamond.** Mahogany handle..... 7 50

Liquid Glazing Putty

Superior to ordinary Putty; more easily applied and lasting. Can be put on with a Putty bulb or Mastica machine. Especially adapted for glazing wood and metal sash. Price, \$2.50 per gal.

Masticote Glazing Cement

Black. Apply with a Mastica machine. Price, \$1.50 per gal.

Mastica

For glazing greenhouses. One gallon will cover about 300 running feet. Price, \$3.00 per gal.

Greenhouse Paint

A superior white paint for sash-bars, sash-frames, etc. Price, \$4.00 per gal.

Skybryte Glass Cleaner

For taking off whitewash shading, etc. Coat the glass with Skybryte, flush off with water, and glass is clean. Five pounds to 20 gallons of water is sufficient for 20,000 square feet of glass. Price, \$4.00 for 5 lbs.; 25 lbs., \$16.50.

Peerless Glass Repair Clamp

For supporting broken lights of glass. Will not rust. Price, \$2.00 per 100 (by Parcel Post, \$2.10).



Glazing Chisel

Made of the best-quality steel. Price, \$1.50 (by Parcel Post, \$1.65).

Glazit Gun

**Model B.** For applying liquid glazing putty, Mastica, etc. Price, \$4.50 (by Parcel Post, \$4.65).

Putty Distributor

For distributing putty, Mastica, etc. See cut. Price, \$1.60 (by Parcel Post, \$1.70).

Mastica Machine

For distributing Mastica, etc. Made of heavy zinc. Price, \$3.50 (by Parcel Post, \$3.65).



Rubber Hose

	Per ft.
<b>Michell's Special.</b> 1/2-in.....	\$0 16
<b>Michell's Special.</b> 5/8-in.....	17
<b>Michell's Special.</b> 3/4-in.....	18
<b>Electric.</b> You cannot kink it. 1/2-in.....	20
<b>Electric.</b> 5/8-in.....	21
<b>Electric.</b> 3/4-in.....	24
<b>Super Bull Dog.</b> 3/4-in.; green.....	24
<b>Torrent.</b> 3/4-in.; red.....	22
<b>Spray Pump Hose.</b> 3/8-in.....	17

All brands come in reels of 500 feet and sections in any length to that number of feet may be had.

25- and 50-foot sections of Hose coupled free. Smaller sections coupled at the rate of 30c. per pair for couplings.

**Hose Washers.** 3/4-in., 5c. per doz.; 1/4 lb., 20c.; 65c. per lb. (by Parcel Post, 75c.). 1-in., 6c. per doz.; 1/4 lb., 30c.; \$1.00 per lb. (by Parcel Post, \$1.10).



Hose Menders

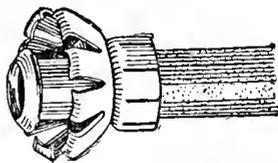
If wanted by Parcel Post, add 10c. per doz. for postage.

	Each	Doz.
<b>Cooper's.</b> 3/4-in.....	\$0 10	\$1 00
<b>Cooper's.</b> 5/8-in.....	10	1 00
<b>Cooper's.</b> 1/2-in.....	10	1 00

Perfect Hose Menders

Made entirely of brass, with swivel motion—no band required.

For 1/2-in. and 3/4-in. hose. Price, 15c. each; doz., \$1.20 (by Parcel Post, \$1.35).

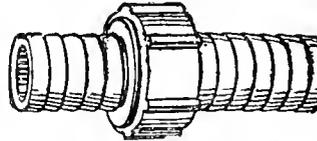


Hose Couplings

If wanted by Parcel Post, add 5c. each; 20c. per doz. for postage.

	Pair	Doz.
<b>Plain Brass.</b> (See cut.) 1/2-in.....	\$0 25	\$2 75
<b>Plain Brass.</b> 5/8-in.....	25	2 75
<b>Plain Brass.</b> 3/4-in.....	25	2 75

**Perfect.** Equipped with a clamp on the male and female part for securing to the hose, no band required. For 1/2- and 3/4-in. hose (mention which is wanted when ordering). Price, 35c. per pair; doz., \$3.50.



Hose Reducers

For reducing 1-in. pipe to fit regular 3/4-in. hose. Price, 35c. each (by Parcel Post, 45c.).

Caldwell's Hose Bands

If wanted by Parcel Post, add 10c. per gross for postage.

	Doz.	Gross
<b>No. 8.</b> For 4-ply hose.....	\$0 50	\$4 50
<b>No. 6.</b> For 3-ply hose.....	50	4 50

Pliers for above, 40c. per pair (by Parcel Post, 50c.).

Sure Grip Hose Bands

Can be furnished in 1/2-in., 5/8-in. and 3/4-in. Price, any size, 5c. each; doz., 45c. (by Parcel Post, 55c.).

Noscrew Hose Clamp

Installed instantly without annoyance, by hand—no screw-driver or tools of any description required. Made of cold rolled steel, galvanized and nicked. Made in 1/2-in., 5/8-in. and 3/4-in. sizes. Price, 11c. each; doz., \$1.20 (by Parcel Post, \$1.35).

No. 68 Siamese Hose Connection

This permits one lead of hose to be diverted in two directions. Additional three-way connections can be used according to the water pressure. It is specially adapted for lawn sprinkling. Price, \$1.00 each (by Parcel Post, \$1.10).

Tradur Hose Connectors

Eliminates bother and waste of time in hose-connecting; non-leaking, even with high pump pressures; no springs, hooks, levers or special washers; gives long and satisfactory service.

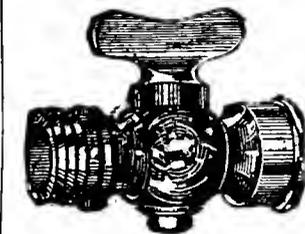
3/4-in. Faucet part. Price, 35c.

3/4-in. Hose part. Price, 75c.

Complete set. Price, \$1.10.



Shut-Off Connection



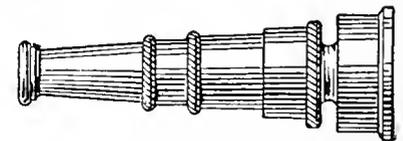
Cast brass, polished; 3/4-in. male thread on one end; 3/4-in. female thread on other end. Price, \$1.25 each.

Aquamatic Nozzle

A high-grade water control, opening and closing automatically; made of heavy cast brass. Price, \$3.00 (by Parcel Post, \$3.10).

Binks Nozzle

Made of aluminum, with brass face; equipped with interchangeable sprays, coarse and fine. Price, \$3.50 (by Parcel Post, \$3.60).

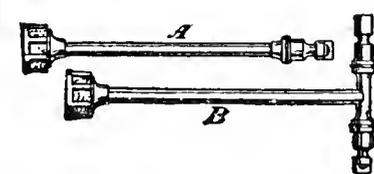


Gem Pattern Nozzle

Can be regulated to give three different streams. 3/4-in. hose. Price, 60c. (by Parcel Post, 70c.).

Paradise Nozzle

Designed to syringe any and all greenhouse flowers. The fine spray has a washing effect. Price, \$3.00.



Stott's Spray Nozzles

Excellent for spraying underneath foliage.

	By Parcel
	Each Post
<b>No. A. Single.....</b>	\$2 00 \$2 10
<b>No. B. Double.....</b>	3 00 3 10

Miscellaneous Nozzles By Parcel

	Each	Post
<b>Boston, Light Copper.....</b>	\$1 50	\$1 60
<b>Boston, Heavy Brass.....</b>	1 35	1 45

**Champion.** A dandy Nozzle for greenhouse use. Makes a spray or a solid stream. Easily adjusted. Price, 60c. each (by Parcel Post, 70c.).

Carter Lever-Spray Hose Nozzle

Hand-pressure regulates flow—automatic shut-off when released. Price, \$1.00.



A good sprayer is necessary if you expect good crops

## MICHELL'S SPRAYING and INSECTICIDE APPARATUS



No. 3

### The Paragon Sprayer

Excellent for applying whitewash.

**No. 0.** Capacity, 3½ gals. Equipped with 4-ft. special spray hose, 3-ft. spray pipe, and 3 nozzles. Price, \$13.00.

**No. 1.** Capacity, 6 gals. Equipped with 5-ft. special spray hose, 5-ft. spray pipe, and 3 nozzles. Price, \$17.75.

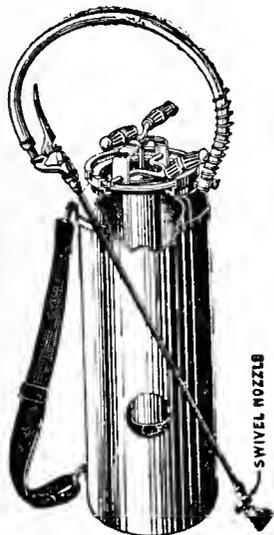
**No. 3.** Capacity, 12 gals. Equipped with truck, 10-ft. special spray hose, 7½-ft. spray pipe, and 3 nozzles. Price, \$23.50; without truck, \$19.50.

We can also supply this Sprayer with single wheel at same price.

**No. 4.** Capacity, 28 gals. Equipped with truck, 20-ft. special spray hose, 10-ft. spray pipe, and 3 nozzles. Price, \$39.50.

**No. 5.** Capacity, 50 gals. Equipped with 25-ft. special spray hose, 10-ft. extension pipe, one 3-way spray nozzle, 1 single-spray nozzle; no truck. Price, \$45.00.

**Bucket Washers** for Paragon Sprayers, 25c.



Auto Spray

### Auto Spray

A compressed - air sprayer with open head and strongly reinforced corrugated tank.

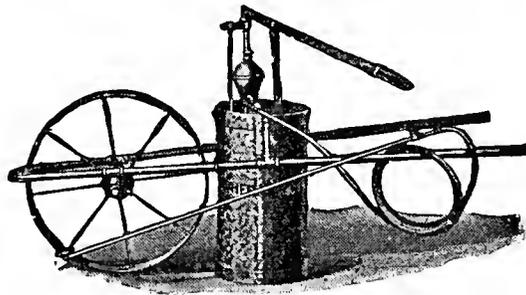
**No. 4-B. Brass Tank.** Capacity, 4 gals. Equipped with hose and Auto-Pop Attachment. Price, \$11.95 (by Parcel Post, \$12.20).

**No. 4-D. Steel Tank.** Capacity, 4 gals. Equipped with hose and Auto-Pop. Price, \$7.50 (by Parcel Post, \$7.75).

**No. 3-D. Steel Tank.** Capacity, 3 gals. Equipped with hose and Auto-Pop. Price, \$6.75 (by Parcel Post, \$7.00).

**Auto-Pop Nozzle Attachment.** Controls the flow instantly by a pressure of the hand. When Auto-Pop Attachment is purchased separately, price, Plain, \$1.50 (by Parcel Post, \$1.60); complete with hose, \$2.25 (by Parcel Post, \$2.40).

All prices are subject to market changes



### Deming Wheelabout Sprayer

Extreme width, 18 in.; 24-in. wheel, with 3-in. tread. Pump has 1½-in. diam. cylinder, with adjustable stroke. Equipped with 12-gal. galvanized tank, 10 ft. of hose, 4-ft. extension pole, nozzle and shut-off valve. Price, \$35.00.



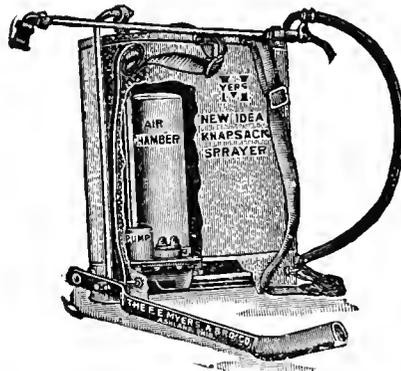
### Myers Kwikfill Compressed Air Sprayer

**No. 2242. Galvanized Tank.** Capacity, 4 gals. 18-in. brass extension rod. Weight, 13 lbs. Price, \$6.50 (by Parcel Post, \$6.75).

**No. 2242B. Brass Tank.** Capacity, 4 gals. 18-in. brass extension rod. Weight, 13 lbs. Price, \$11.00 (by Parcel Post, \$11.25).

### Myers New Idea Knapsack Spray Pump

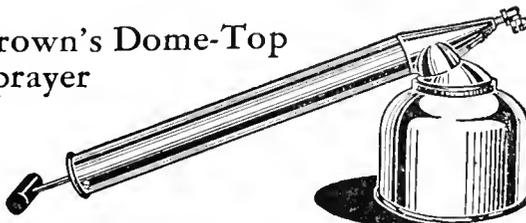
**No. 1330. Galvanized Tank.** Capacity, 4 gals. 18-in. brass extension rod. Weight, 15 lbs. Price, \$15.00 (by Parcel Post, \$15.25).



### Compressed Air Sprayer

**No. 26D.** Sprays on both the up and down stroke of the plunger; will handle all insecticides, disinfectants, etc.; brass pump cylinder; copper bronze container; combined straight and angle nozzle. Capacity, 1 qt. Price, \$1.75.

### Brown's Dome-Top Sprayer



**No. 335.** Dome-top for easy filling, cleaning, and locking. Solid copper tank. Seamless brass pump. Capacity 1 qt. Price, \$1.95.



### Vermorel Knapsack Sprayer

A new copper Knapsack Sprayer which works on a compressed-air principle. Compact in construction and light in weight, so that it can be easily carried around. Price, \$16.00 (by Parcel Post, \$16.30).

### Wheelbarrow Sprayer

**No. 50.** Adapted for spraying vegetable crops, flowers, vineyards, orchards, etc.; also for spraying disinfectants. All working parts brass. 8 ft. of hose. Price, \$16.50, f.o.b. Philadelphia.

With Brass Tank, \$24.00, f.o.b. factory.

### Gould's Fruitall Barrel Pump

A high-grade Pump at an attractive price. Cylinder 2-in. diam. Bronze wearing parts. Price, plain Pump, no hose, nozzle or barrel, \$12.00.

**Outfit C.** With agitator, one 25-ft. lead of ½-in. spray hose and one Mistry Jr. nozzle (no barrel). Price, \$17.00.

**Outfit D.** With agitator, two 25-ft. leads of ½-in. spray hose and 2 Mistry Jr. nozzles (no barrel). Price, \$22.00.

### Gould's Pomona Barrel Pump

Can be used for feeding one or two leads of hose. All working parts are bronze, with lasting qualities. Price, plain Pump, 2½-in. diam. cylinder only (no barrel), \$22.00.

**Outfit C.** With one 25-ft. section ½-in. spray hose and 1 Mistry Jr. nozzle (no barrel). Price, \$27.00.

**Outfit D.** With two 25-ft. sections ½-in. spray hose and 2 Mistry Jr. nozzles (no barrel). Price, \$32.00.

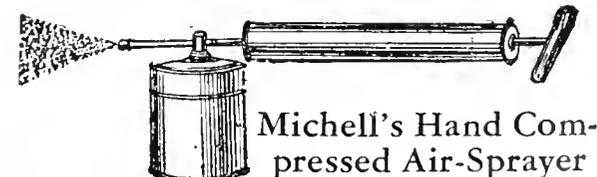
**Barrels** for holding spray solution, 50-gal. capacity. Price, \$7.25.

**Truck** with 3½-in. tire wheels. Price, \$25.00.

### Twin Blast Sprayer



Equipped with twin spray jets which diffuse a large volume of fine spray. Glass tank enables the operator to know exactly how much liquid is in the container. Capacity, 1 qt. Price, 75c. (by Parcel Post, 85c.).



### Michell's Hand Compressed Air-Sprayer

This is the best Hand Sprayer ever offered. Very easily operated.

**Tin.** Price, 90c. (by Parcel Post, \$1.00).

**Brass.** Price, \$1.75 (by Parcel Post, \$1.90).

MICHELL'S SPRAYING and INSECTICIDE APPARATUS, Etc.

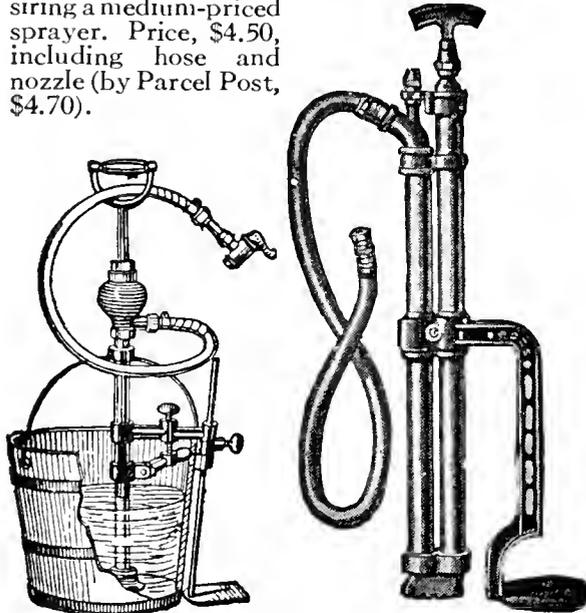


Brown's Bucket Spray Pump

**No. 5.** Throws a continuous spray on both the up and down strokes; generates a pressure of 200 pounds. Equipped with a brass suction strainer as well as another strainer in the nozzle. Price, \$4.50 (by Parcel Post, \$4.70).

Myers Bucket Pump

**No. 327 1/2.** This is a double brass chamber arrangement, and fills the want of those desiring a medium-priced sprayer. Price, \$4.50, including hose and nozzle (by Parcel Post, \$4.70).

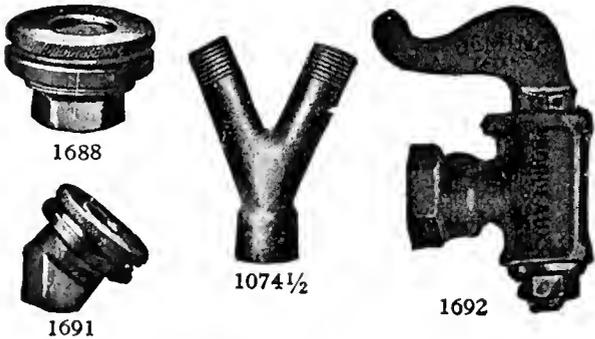


Perfect Success

Myers Pump

Perfect Success Bucket Pump

**No. 689.** With bucket fastener; made entirely of brass, except the foot-rest and hand-grip. The price does not include bucket, but includes nozzle and 3 1/2 ft. of 3/8-in. hose, \$8.00 (by Parcel Post, \$8.25).



1688

1074 1/2

1692

1691

Spray Nozzles

(3/8-in. Thread)

If nozzles are wanted by Parcel Post, add 10c. each for postage.

**Mistry, Jr.** (Fig. 1688). Straight style... \$1 00

**Mistry, Jr.** (Fig. 1691). Elbow style... 1 00

**Fig. 1074 1/2.** Y connection for making a double spray-head nozzle... 40

**Bordeaux Nozzle.** (Fig. 1692)... 1 25

**Reducer. No. 966.** Brass, 1/4- to 3/8-in... 60

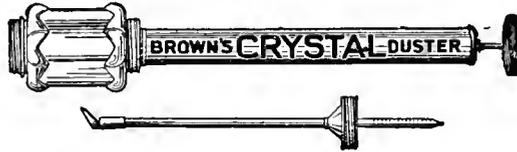


Heavy Brass Syringes

No.	Diam.	Length	Each	By Parcel Post
99.	1 1/2 in.	18 in.	1 spray... \$3 50	\$3 70
101.	1 1/4 in.	14 in.	2 sprays... 4 00	4 20
101A.	1 1/2 in.	16 in.	2 sprays... 5 00	5 20
110.	1 3/4 in.	20 in.	2 sprays... 8 00	
120.	1 3/4 in.	20 in.	Adjustable... 10 00	

Extension Pipes, Etc.

For reaching into trees; 3/8-in. threads.  
**Bamboo.** Brass-lined. 8 ft... \$6 00  
**Brass.** 2 ft. (by Parcel Post, 75c.)... 65  
**Pet Cock.** For extension pipes... 1 25  
**Paragon Extensions.** 2 1/2-ft. (by Parcel Post, 70c.)... 60



Brown's Crystal Duster

One of the newest-type Dusters, for use in dusting truck crops, in the garden, flower-beds, roach powder, etc.; has the glass-jar feature, which enables the operator to see the amount of dust in the container. Equipped with a long extension and adjustable nozzle which enables the operator to dust from underneath without bending. Capacity, 1 qt. Price, complete, \$1.60.

Vaporizing Lamp

Practical and indestructible; all metal; burns kerosene; used for dispensing fumes of Nikoteen and other preparations of this sort. Price, 75c. (by Parcel Post, 85c.).

Woodason Hand Bellows

	Each	By Parcel Post
Small Single Cone...	\$3 00	\$3 20
Sulphur Bellows...	4 00	4 20
Large Double Cone...	6 50	6 75
Large Single Cone...	4 50	4 70

Galvanized Watering-Cans

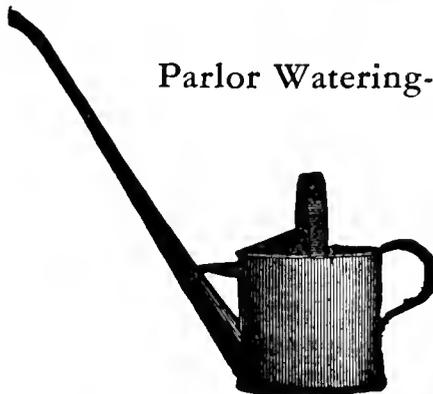


Made of light galvanized iron.

4 qt. ....	\$0 90
6 qt. ....	1 00
8 qt. ....	1 20
10 qt. ....	1 35
12 qt. ....	1 50
16 qt. ....	2 00

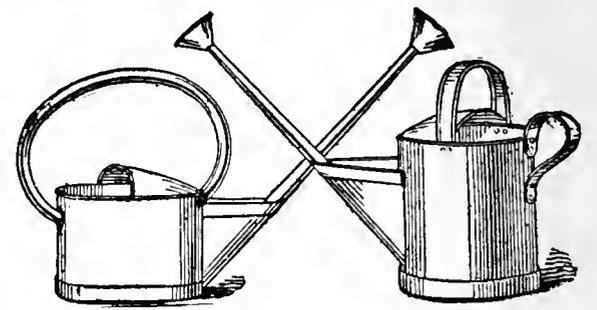
If Michell's Watering-Cans are wanted by Parcel Post, add 20c. each for postage.

Parlor Watering-Can



For enclosed porch- and window-boxes; oval shape; enameled; green or ivory; long spout.

	Each
2-qt., tin, enameled...	\$1 25
1-pt., copper...	1 50
2-qt., copper...	2 25



Wotherspoon's Watering-Cans

Galvanized; extra heavy, with long spout and two roses—one coarse and one fine. These cans are not available.

	Round	Oval
4 qt. ....	\$4 75	
6 qt. ....	5 00	\$5 75
8 qt. ....	5 50	6 00
10 qt. ....	6 00	6 50
12 qt. ....	6 75	7 00
16 qt. ....	7 50	8 00
4 qt. Fern or Low Watering-Can.	4 25	

Extra Roses or Sprays

For Wotherspoon's Watering-Cans, either coarse or fine. Price, 60c. (by Parcel Post, 70c.).

Aprons

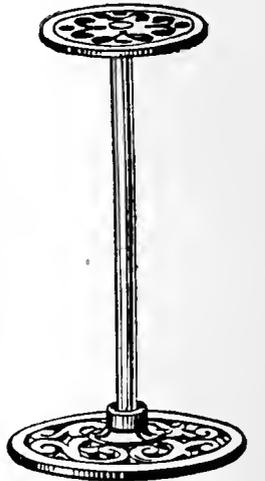
For protecting the clothing while watering, etc.

	Each
<b>Rubber</b> .....	\$2 25
<b>Blue Denim</b> .....	1 50

Iron Plant Stands

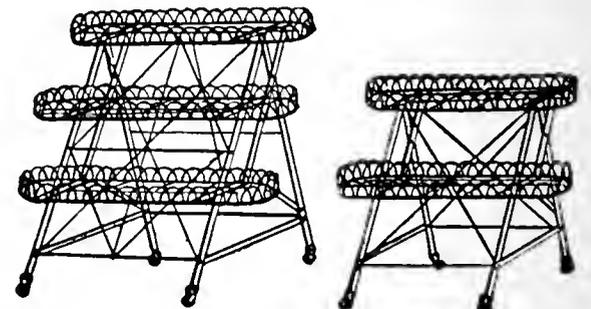
Enameled green

Size	Size of Plates	Each
12 in.	5 x 7 in.	\$1 75
18 in.	5 x 7 in.	2 25
24 in.	8 x 10 1/2 in.	3 00
30 in.	8 x 10 1/2 in.	3 25
36 in.	8 x 10 1/2 in.	3 40
42 in.	8 x 10 1/2 in.	3 50
48 in.	8 x 12 in.	3 75
60 in.	8 x 12 in.	4 00
72 in.	8 x 12 in.	4 50



Extra Plates for Iron Stands

Size	Each
5 in. ....	\$0 75
7 in. ....	85
8 in. ....	1 10
10 1/2 in. ....	1 40
12 in. ....	1 60



Wire Plant Stands

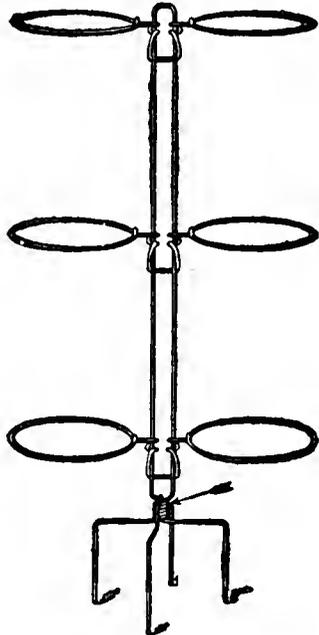
Painted dark green and finished in bronze; very substantial and will carry almost any weight that can be placed on them. We recommend the Jones style, as it is collapsible and takes up very little space when not in use.

	Height	Width	Depth	Each
Jones, 1 shelf...	27 in.	25 in.	14 in.	\$2 50
Jones, 2 shelf...	28 in.	30 in.	21 in.	5 00
Jones, 3 shelf...	36 in.	30 in.	22 in.	6 00

MICHELL'S GARDEN and GREENHOUSE ACCESSORIES, Etc.

Michell's Double Carnation Supports  
3-Ring

The best Double Support on the market. Made of Nos. 11 and 14 galvanized wire, 28 inches high. Can be put together in less than a minute; will not fall apart.  
Doz. .... \$1 75  
100.....12 50  
1000.....110 00



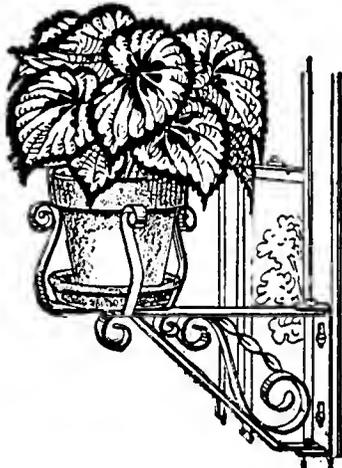
Carnation Support

Michell's Double Snapdragon Supports

The only Support of the kind on the market and indispensable to the proper growing of this popular plant. 48 inches high; 3-ring. Price, doz., \$2.50; \$16.50 per 100.

Jones' Pot Bracket

- No. 1. Holds 5-in. pot. Price, 60c. (by Parcel Post, 70c.).
- No. 2. Holds 6-in. pot. Price, 70c. (by Parcel Post, 80c.).
- No. 3. Holds 7-in. pot. Price, 85c. (by Parcel Post, 95c.).



Plant Stakes

No. 10 Steel Wire, Galvanized

	Doz.	100	1000
2 -ft.....	\$0 35	\$1 60	\$11 00
2½-ft.....	40	2 00	13 50
3 -ft.....	45	2 25	16 00
3½-ft.....	50	2 50	18 00
4 -ft.....	60	2 85	21 00
4½-ft.....	70	3 25	24 00
5 -ft.....	85	3 75	26 00
6 -ft.....	95	4 75	29 50

No. 8 Steel Wire, Galvanized

For staking American Beauty and other strong-growing roses.

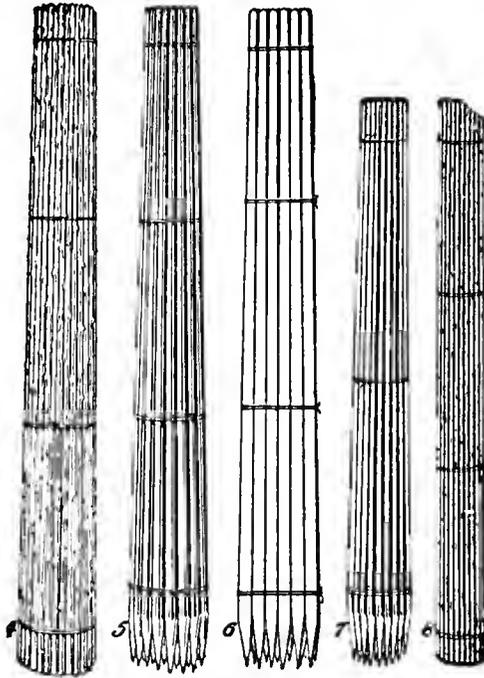
	Doz.	100	1000
2 -ft.....	\$0 40	\$2 00	\$15 00
2½-ft.....	45	2 25	18 00
3 -ft.....	55	2 75	22 00
3½-ft.....	70	3 25	25 00
4 -ft.....	85	3 75	28 00
4½-ft.....	95	4 75	32 00
5 -ft.....	1 10	5 50	36 00
6 -ft.....	1 25	6 25	40 00

Green Painted Tapering Plant Stakes

	Each	Doz.	100
1½-ft.....	\$0 05	\$0 40	\$2 00
2 -ft.....	07	60	3 50
2½-ft.....	08	80	5 00
3 -ft.....	11	1 10	6 50
3½-ft.....	12	1 25	8 25
4 -ft.....	15	1 50	10 00
5 -ft.....	17	1 80	12 00

Ash Wood Garden Stakes

	Each	Doz.	100
3-ft.....	\$0 07	\$0 70	\$5 00
4-ft.....	10	1 00	7 00
5-ft.....	12	1 25	8 50
6-ft.....	20	1 85	14 00



Key to above illustration: No. 4, Cane, natural; No. 5, Dahlia; No. 6, Square; No. 7, Tapering; No. 8, Cane, green

Green Painted Rose or Dahlia Stakes

	Each	Doz.	100
3-ft.....	\$0 15	\$1 50	\$10 50
4-ft.....	20	2 00	14 00
5-ft.....	25	2 50	18 00
6-ft.....	30	3 00	22 00

Square Painted Plant Stakes

	Each	Doz.	100
1½-ft.....	\$0 04	\$0 30	\$1 85
2 -ft.....	05	50	2 65
2½-ft.....	07	65	3 25
3 -ft.....	10	1 10	7 50
4 -ft.....	15	1 45	11 00
5 -ft.....	20	2 00	13 50
6 -ft.....	25	2 60	15 00

Hyacinth Stakes, Wood, Dyed Green

Used for staking hyacinths, tulips, and slender plants.

	Doz.	100	1000
12-in.....	\$0 07	\$0 30	\$1 75
15-in.....	09	35	2 00
18-in.....	10	40	2 50

Japanese Cane Stakes

These are very attractive for all purposes of plant staking; thin and very strong.

	Doz.	100	1000
1½-ft., Green.....	\$0 12	\$0 40	\$3 50
2 -ft., Green.....	15	50	4 00
2½-ft., Green.....	20	60	4 50
3 -ft., Green.....	22	75	5 50
3½-ft., Green.....	25	1 00	7 00
4 -ft., Green.....	30	1 25	8 00
5 -ft., Green.....	35	1 40	10 00
6 -ft., Green.....	40	1 60	14 00

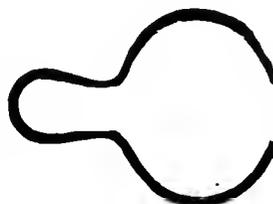
Chinese Tonkin Bamboo Stakes

A heavy, substantial stake for dahlias, ivy, young trees, etc.

	Doz.	100
4 ft. high, ½- to ⅝-in. diam. ....	\$0 60	\$3 50
6 ft. high, ⅝- to ¾-in. diam.....	85	6 00

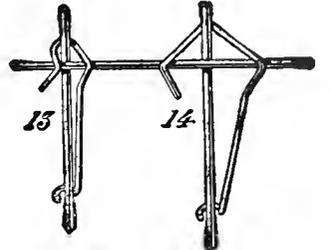
Lightning Wire Stake Tie

For fastening plants to stakes, either wire or wood. Can be used many times. Price, 35c. per 100; per 1000, \$2.50 (by Parcel Post, \$2.60).



Stake Fasteners

These take the place of string entirely, lasting several seasons. Used for fastening cross wires to galvanized stakes.



Eureka Everlasting

	500	1000
Everlasting Style. Heavy.....	\$2 00	\$3 50
Eureka Style. Light.....	1 50	2 50

If wanted by Parcel Post, add 10c. per 500; 15c. per 1000 for postage.

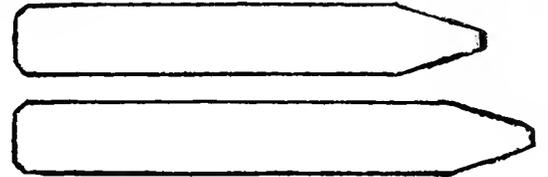
Bamboo Poles

Used extensively for brushing worm casts off putting greens; also for staking young trees.

	Each	Doz.	100
16-ft.....	\$0 25	\$2 50	\$15 00
18-ft.....	35	3 25	22 00
20-ft.....	45	4 00	27 50

Wood Poles

	Each
12-ft., 1½-in. diam.....	\$2 50
14-ft., 1½-in. diam.....	3 00



Painted Pot Labels

	By Parcel Post		
	100	100	1000
4-in.....	\$0 35	\$0 40	\$2 25
4½-in.....	40	45	2 65
5-in.....	45	50	2 75
6-in.....	50	60	3 25
8-in.....	1 50	1 70	8 00
10-in.....	1 60	1 90	9 00
12-in.....	2 00	2 45	12 00
18-in., for field use.....	4 75	5 00	43 50

The 18-in. Field Labels are not painted.



Plant Label

Simplex Weather-Proof Plant Label

The material carrying the writing is white celluloid with a specially prepared surface, protected by a transparent cover of mica. Marking done with an ordinary lead pencil is not affected by severe weather conditions and will last for years. Adapted for all outdoor garden records.

Prices include copper wires for attaching.

	Doz.	100
No. 1. 3 x ½ in.....	\$0 50	\$3 00
No. 2. 4 x ¾ in.....	85	5 00
No. 3. 5 x 1 in.....	1 10	7 00

If wanted by Parcel Post, add 5c. per doz.; 10c. per 100 for postage.

Simplex Weather-Proof Garden Label

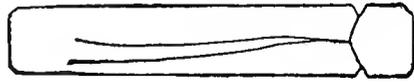
Card-holder is made of special Armeo rust-proof galvanized iron. The stake is 24 inches long, finished in dark green, enameled.

	Each	Doz.
No. 10. 2¾ x 1½ in.....	\$0 30	\$3 00



Garden Label

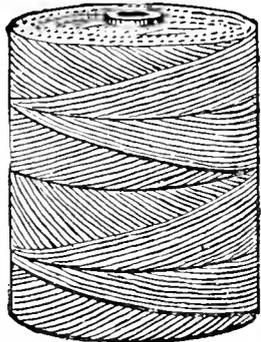
MICHELL'S HORTICULTURAL and GARDEN SUPPLIES, Etc.



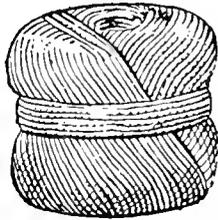
Tree Labels

If wanted by Parcel Post, add 10c. per 100, 25c. per 1000 for postage.

	100	1000
<b>Copper, Wired.</b> Plain.....	\$0 40	\$2 60
<b>Copper, Wired.</b> Painted.....	50	3 00
<b>Copper Sheet, Wired.</b> 30c. doz..	2 00	
<b>Zinc Sheet, Wired.</b> 30c. doz....	2 00	
<b>Indelible Marking Pencils.</b>	15c. ea.	



Peerless Twine

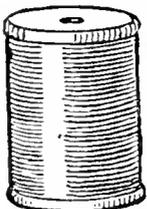


Green Sea Island Twine

Twines, Etc.

If wanted by Parcel Post, add 10c. per lb. for postage.

<b>No. 108. White Cayuga.</b> Ball	Lb.	
Medium.....	\$0 35	\$0 65
<b>No. 208. White Cayuga.</b> Heavy.	35	65
<b>Jute.</b> 2-ply and 3-ply.....	20	30
<b>Linen Bouquet</b> .....	20	1 00
<b>Green Sea Island</b> .....	10	70
<b>No. 4 1/2. Japanese Twine.</b>		
Medium heavy.....	30	
<b>White Cotton.</b> 3-ply.....	15	55
<b>Peerless.</b> Color, Nile-green.....		75
<b>Tarred.</b> For mat-making.....	35	
<b>Tarred Sisal.</b> For fodder.....		20



Green Silkaline

**Binder.** 5-lb. balls, 80c.  
**Express.** Very heavy. 25  
**Green Silkaline.** For stringing smilax and asparagus, etc. F, fine; FF, medium; FFF, coarse, 35c. per spool; per lb. (8 spools), \$2.75.  
**Everbest Thread.** Very similar to the above; fast color. Price, 25c. per spool; per lb., \$1.50.

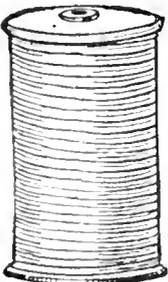
Raffia



For tying, basket-making and fancywork; very long and fibrous.

**Natural Color.** Price, 40c. per lb. (by Parcel Post, 50c.); 5 lbs., \$1.90 (by Parcel Post, \$2.05).  
**Green.** Price, 75c. per lb. (by Parcel Post, 85c.); 5 lbs., \$3.50 (by Parcel Post, \$3.65).

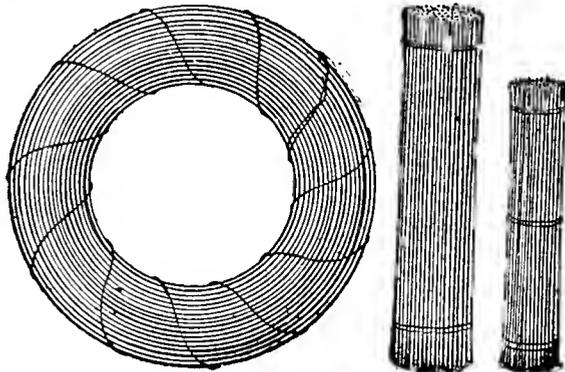
Raffia Tape



Raffia Tape

This is made of a composition of paper and linen and is very strong. It is about 1/8 inch wide and comes 250 yards to a spool. It is very desirable for tying bouquets, flower-boxes, or for any other purpose where attractive tying material is desired. Color, Nile-Green. Price, per spool of 250 yards, 80c. (by Parcel Post, 90c.); 6 spools, \$4.75 (by Parcel Post, \$4.95).

All prices subject to market changes



Wire

If wanted by Parcel Post, add 10c. per lb.; 25c. per 12 lbs. for postage.

	Lb.	12-lb. Stone
<b>No. 16.</b> Galvanized.....	\$0 20	\$1 50
<b>No. 18.</b> Galvanized.....	25	1 65
<b>No. 19.</b> Galvanized.....	25	1 80
<b>No. 20.</b> Galvanized.....	25	2 00
<b>No. 22.</b> Galvanized.....	30	2 10
<b>No. 16.</b> Annealed.....	18	1 40
<b>No. 18.</b> Annealed.....	20	1 50
<b>No. 20.</b> Annealed.....	25	1 75
<b>No. 22.</b> Annealed.....	25	1 85
<b>No. 24.</b> Annealed.....	30	2 00

Tinned Wire

Used for bunching celery, etc.

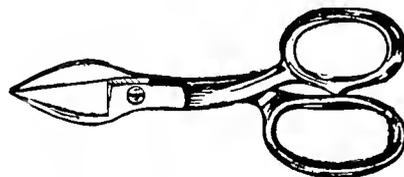
**No. 19.** In 10-lb. boxes, cut 8 1/2 in. Price, 30c. per lb.; per box, \$2.25.

Cut Bouquet Wire

For stemming flowers

Cut 9, 12, or 18 inches in length.

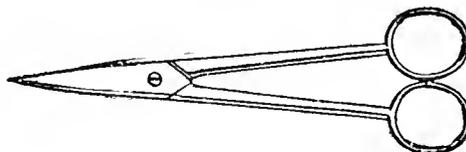
	Lb.	Box (12 lbs.)
<b>No. 18.</b> 18 in. only.....	\$0 20	\$1 75
<b>No. 19.</b> 18 in. only.....	20	1 90
<b>No. 20.</b> .....	25	2 00
<b>No. 21.</b> 18 in. only.....	25	2 40
<b>No. 22.</b> .....	30	2 50
<b>No. 24.</b> .....	35	3 00



Wire and Tin Shears

If wanted by Parcel Post, add 10c. each for postage.

<b>No. 369.</b> 7-in.; serrated edge; long blade.	\$1 75
<b>No. 833.</b> 7 1/2-in. Used for cut-flower wire, etc.....	1 50
<b>No. 832.</b> 8-in. Used for cut-flower wire, etc.....	1 50
<b>No. 12.</b> 8-in. For heavy wire and tin....	1 50
<b>No. 10.</b> 10-in. For heavy wire and tin...	2 25

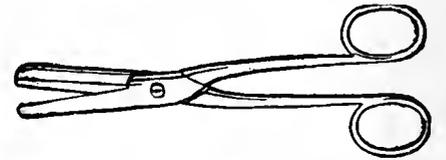


Grape Scissors

For thinning out bunches of grapes and not disturbing the berries that are to remain for development.

**No. 846.** 6-in. Price, \$1.35 (by Parcel Post, \$1.45).

See page 51 for complete line of Pruning Shears

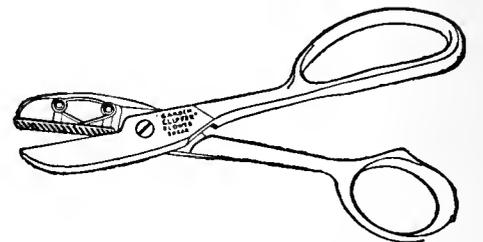


Flower Scissors

**No. 575.** Cuts flowers and holds the stem. Price, \$2.00 (by Parcel Post, \$2.10).

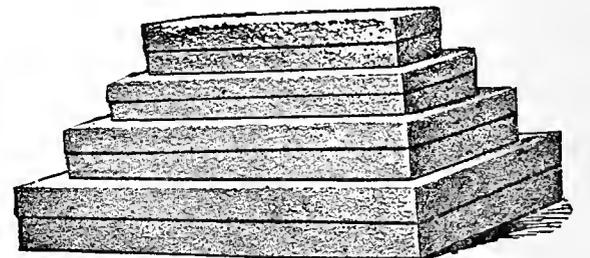
Wilt-Less Flower Cutter

Makes a clean, slicing cut; cuts the stem slantwise, no crushing; rustless. Flowers cut the Wilt-Less way always keep better. Price, \$1.75 (by Parcel Post, \$1.85).



Eversharp Flower Shears

**No. 1248.** A wonderful help in cutting and gathering flowers. Snips and holds in one motion. Handy for picking flowers that are hard to reach. Price, 75c.



Cut-Flower Boxes

Corrugated Paper

These are desirable for shipping cut-flowers from country estates to city residences.

Length	Width	Depth	Each	Doz.
48 x 14	x 8 in.		\$0 75	\$6 00
42 x 14	x 8 in.		60	5 00
36 x 14	x 6 in.		55	4 00
30 x 12	x 6 in.		50	3 50
24 x 8	x 5 in.		35	2 50

Light-weight Paper

Mist-green, lined white inside. The sizes offered in this finish are carried in stock; other sizes in this finish, also in manila, mist-tan, and Oxford gray, can be supplied on short notice.

Length	Width	Depth	Doz.	100
18 x 5	x 3 in.		\$0 75	\$4 50
24 x 5	x 3 1/2 in.		1 10	7 00
24 x 8	x 4 in.		1 30	8 80
28 x 8	x 5 in.		2 00	12 25
30 x 10	x 6 in.		2 25	16 50
30 x 12	x 7 in.		3 00	21 00
36 x 8	x 5 in.		2 25	16 50

Paper for Wrapping Boxes and Flowers

	Lb.	1/2 Ream	Ream
<b>Manila.</b> For wrapping... \$0 25	\$2 25	\$4 00	
<b>Manila Tissue</b> .....	25	1 10	2 00
<b>White Wax.</b> 24 x 36 in...	35	1 50	2 75
<b>Green Wax.</b> 24 x 36 in...	40	1 75	3 00

Crepe Paper

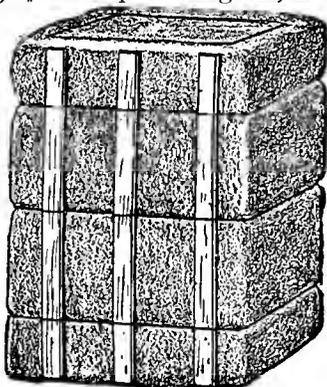
WATERPROOF

Colors: moss-green, Nile-green, red, blue, pink, yellow, purple, lavender, and white. Price, 60c. per roll (by Parcel Post, 70c.).

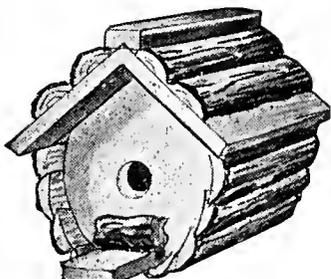
# Parcel Post charges cover postage and special packing required

## Sundries

- Bulb Fibre.** Qt., 15c.; 45c. per ½ pk.; pk., 75c.; \$1.25 per ½ bus.; bus., \$2.00.
- Bull Dog Clips.** For fastening packages, etc. \$1.00 per box (by Parcel Post, \$1.10).
- Carnation Bands.** (Rubber.) For mending burst calyx. 25c. per oz.; ¼ lb., 90c.
- Carnation Clips (Baur's).** For mending carnations. \$1.50 per 1000. Pliers for attaching same, \$3.25.
- Carnation Staples.** (Wire.) 50c. per 1000.
- Celery Paper.** For winter protection. 500 sq. ft. per roll. Price, \$2.00 per roll. Prices on larger quantities quoted on application.
- Celery Tape.** Fast red, in 1000-yard spools. Price, \$4.50 (by Parcel Post, \$4.65).
- Celery Tape.** Green, in 1000-yard spools. Price, \$3.50 (by Parcel Post, \$3.65).
- Charcoal, Lump.** For use in potting. Pk., 65c.; \$1.50 per bus.; bbl. sack, \$2.00.
- Charcoal, Ground.** Coarse, fine, and powdered. Lb., 10c.; 35c. for 5 lbs.; 10 lbs., 60c.; \$1.25 for 25 lbs.; 100 lbs., \$3.50.
- K. R. O.** Kills rats only. Not injurious to humans, livestock, dogs, cats, or poultry. 2-oz. can, 75c.
- Moss, Green Lump.** Pk., 50c.; \$1.50 per bus.; bbl. bag, \$2.50.
- Moss, Green Sheet.** Lb., 30c.; \$2.50 per bag.
- Moss, Sphagnum Dry.** Bbl. bags, \$1.25; \$3.00 per large bale.
- Moss, Sphagnum, Live.** Pk., 40c.; \$1.25 per bus.; bbl., \$3.00.
- Mouse Seed.** For destroying mice. Pkg., 25c.
- Pearl Chips.** For bulb bowls, aquariums, etc. White or colored. 1-lb. pkg., 10c. (by Parcel Post, 20c.); \$1.00 per 12 pkgs.; In bulk, white, 10 lbs., 70c.; Colored, 10 lbs., \$1.00.
- Peat or Leaf Mould.** Pk., 50c.; \$1.75 per bus.; bbl., \$3.00.
- Peat, Orchid.** Pk., 50c.; \$1.75 per bus.; bbl. bag, \$3.00.
- Pebbles.** Qt., 10c.; 75c. per pk.; bus., \$2.50; \$5.00 per bbl. sack.
- Pruning Compound or Tree Paint.** Qt., 50c.; \$1.50 per gal.
- Rat Paste (Zelio).** For destroying rats, mice, and other rodents. 2-oz. tube, 50c.
- Sand.** For propagating. Qt., 10c.; 40c. per pk.; bus., \$1.40; \$3.00 per bbl. sack.
- Sa-Va-Tree.** The new Armor coating for tree wounds. Qt., 60c.; \$1.75 per gal.; 5 gals., \$8.50; \$48.00 for 30 gals.; 55 gals., \$82.50.
- Shaderine.** For shading greenhouse glass. 5 lbs., \$1.50; \$2.75 per 10-lb. can.
- Soil.** For potting; mixed with humus and fertilizer. Qt., 10c.; 25c. per ½ pk.; pk., 40c.; \$1.50 per bus.; bbl. bag, \$3.25.
- Soil.** Plain top. 100-lb. bag, \$1.00; \$4.50 per 500 lbs.; 1000 lbs., \$8.00; \$15.00 per ton, in bags. Truckload in bulk (about 3 tons), \$10.00 per ton.
- Tin Foil, Plain.** In 5- and 6-inch widths, 1-lb. pkg., 35c. (by Parcel Post, 45c.); 5 lbs. for \$1.50 (by Parcel Post, \$1.70); 5-inch width in 5-lb. rolls, \$1.35 (by Parcel Post, \$1.55). Green or violet, in 1-lb. pkgs., 50c. (by Parcel Post, 60c.).
- Toothpicks.** Wired. Per 1000, 50c.; \$3.50 per 10,000.
- Toothpicks.** 4-in., wired, green. Per 1000, \$1.00; \$4.00 per 4500.
- Toothpicks.** 6-in., wired, green. Per 1000, \$1.20; \$3.30 per 3000.
- Weed Killer (Michell's).** Qt., 50c.; \$1.50 per gal.; 5 gals., \$6.50; \$32.00 per 30 gals.; 50 gals., \$43.50.
- Peat Moss, Torf Mull.** (Imported.) Granulated. A clean, odorless substitute for manure. Excellent for mulching rose beds, shrubbery and evergreens; also excellent for lawns. Small size bale, \$1.85; large bale, \$4.00.



No. 104



No. 50



No. 63



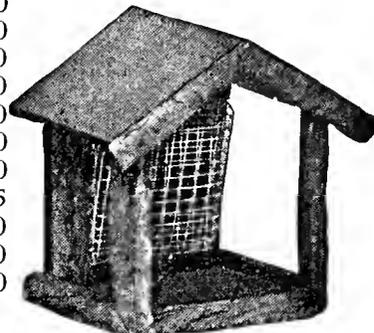
No. 11

## Michell's Rustic and Ornamental Bird-Houses

No.		By Parcel Post
8.	<b>Martin House.</b> 14 rooms. Each (Not mailable.)	\$18 50
11.	<b>Wren House</b> .....	1 75 \$2 00
12.	<b>Wren House</b> .....	1 75 2 00
13.	<b>Wren House</b> .....	1 75 2 00
14.	<b>Wren or Bluebird House</b> ..	2 00 2 25
17.	<b>Wren House</b> .....	1 75 2 00
21.	<b>Bluebird House</b> .....	1 75 2 00
23.	<b>Wren House</b> .....	1 75 2 00
24.	<b>Wren House</b> .....	1 75 2 00
25.	<b>For Woodpeckers, Chickadees, Nuthatches, etc.</b>	1 75 2 00
50.	<b>Wren House.</b> Swinging...	1 75 2 00
60.	<b>Robin House</b> .....	1 75 2 00
61.	<b>Wren House.</b> Swinging...	1 75 2 00
62.	<b>Bluebird House</b> .....	1 75 2 00
63.	<b>Wren and Robin House</b> ..	2 00 2 20
77.	<b>Martin House.</b> 4 rooms...	5 00 5 60
104.	<b>Rustic Seed Feeder</b> .....	2 50 2 75
105.	<b>Rustic Suet Feeder</b> .....	1 50 1 70
107.	<b>Weathervane Feeder</b> .....	5 50 5 80
110.	<b>Combination Shelter</b> ....	2 25 2 50



No. 24



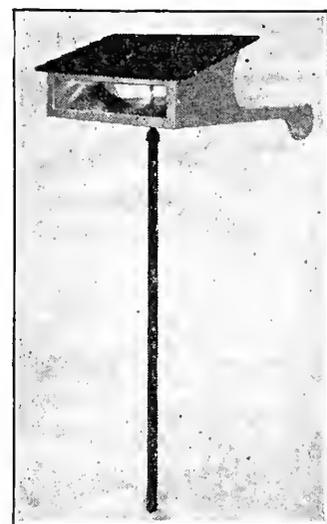
No. 110

## Revolving Feed-Box

See illustration on right

This bird-feeder, the most popular American type, has its glass end always facing the wind so that the large open end is protected from storms. Size, 24 x 36 in. Furnished with an iron pole, 7 feet long. Price, \$10.50.

Smaller size of above, with wood pole. Price, \$7.00.



Revolving Feed-Box

## Wire Sparrow Trap

Rectangular in shape; made of heavy wire; dimensions, 36 in. long, 18 in. wide, 12 in. high. Price, \$6.50.

## Squirrel House

This house is arranged so that no birds will try to use it—the hole is on the bottom. A narrow passage leads up to another opening leading over into a snug room for the squirrel's storehouse and nesting-place. Put high up in crotch of a tree. Price, \$5.50 (by Parcel Post, \$5.90).

## Michell's Bird Seeds, Pet Supplies, Etc.

It is very important that you make the proper selection of foods for your birds. Pure, fresh, clean food is necessary at all times. Our Bird Seeds are of the highest quality, fresh and re-cleaned. Your feathered pets will thrive if you get your supplies in this line from us.

**If Bird Seeds, etc., are wanted by Parcel Post, add for postage as follows: 10c. for 1 lb.; 15c. for 5 lbs.; 20c. for 10 lbs.**

- Bird Manna.** Keeps canary birds in prime condition and prevents the loss of song. Pkg., 15c.
- Canary Seed.** (Plain Sicily.) Re-cleaned and of splendid quality. Lb., 20c.; 90c. for 5 lbs.; 10 lbs., \$1.75; \$4.00 per 25 lbs.
- Canary Seed, Mixed.** A mixture of the finest quality and in proper proportions. Lb., 20c.; 90c. for 5 lbs.; 10 lbs., \$1.75; \$4.00 per 25 lbs.
- Catnip Balls.** A plaything and tonic for your cat. 20c. each.
- Cuttlefish Bone.** Good for digestion and general health. 5c. each; ¼ lb., 25c.; 85c. per lb.
- Cuttlefish Bone.** With holder for fastening to cage. 10c. each.
- Fish Food.** Granular and wafer form. Pkg., 10c.
- Hemp Seed.** Birds are very fond of this seed. It is rich and should be fed with discretion. Lb., 20c.; 85c. for 5 lbs.; 10 lbs., \$1.65; \$3.75 per 25 lbs.
- Lettuce Seed.** A slight sprinkle of this is much relished by canaries. Oz., 10c.; 20c. per ¼ lb.; lb., 50c.
- Maw Seed.** Calculated to improve the song of canaries, etc. Lb., 25c.; \$1.00 for 5 lbs.
- Millet Seed.** Re-cleaned seed; nutritious and appetizing. Lb., 15c.; 65c. for 5 lbs.; 10 lbs., \$1.25.
- Parrot Food, Spratt's.** Small pkg., 20c.; 30c. per large pkg.

- Rape Seed.** Will keep the birds in excellent condition; feed with canary seed. Lb., 20c.; 85c. for 5 lbs.; 10 lbs., \$1.65; \$3.75 per 25 lbs.
- Sand, Red.** Fine. For bird cages. Pkg., 10c.; \$1.00 per doz. pkgs.
- Sand, Silver.** Fine. Pkg., 10c.; \$1.00 per doz. pkgs. Bulk, 85c. per pk.; bus., \$2.50.
- Sand or Gravel, Silver.** Coarse, for parrots' cages. Pkg., 10c.; \$1.00 per doz. pkgs. Bulk, 85c. per pk.; bus., \$2.50.
- Song Restorer.** For canaries. 25c. per bottle; doz., \$2.50.
- Spratt's Sing Song.** A tonic and song restorer. Pkg., 10c.
- Sunflower Seed.** We are very large handlers of this important food for parrots. Our customers may depend on getting a very choice article. 20c. per lb.; 3 lbs., 55c.; 85c. for 5 lbs.; 10 lbs., \$1.65; \$3.75 for 25 lbs.
- Thistle Seed.** ½ lb., 30c.; 50c. per lb.; 5 lbs., \$2.25; \$4.00 for 10 lbs.
- Unhulled Rice.** Lb., 20c.; 75c. for 5 lbs.; 10 lbs., \$1.40.
- Wild Bird Seed Mixture.** Lb., 20c.; 80c. for 5 lbs.; 10 lbs., \$1.50; \$3.00 per 25 lbs.; 100 lbs., \$10.00.

Prices on Bird Seed in large quantities quoted on application

## Michell's Insect Destroyers, Etc.

**Agri-Pax.** A contact insecticide which controls rose-bugs as well as soft-bodied insects. Qt., \$1.25; \$3.50 per gal.; 5 gals., \$13.00.

**Antrol.** Antrol Sets (4 containers and one 4-oz. bottle of Syrup), 75c. Antrol Syrup, 4-oz. bottle, 35c.; 85c. per pt. Antrol ready-filled Sets, consisting of 4 containers filled with Antrol Syrup, 40c.

**Aphine.** For aphids, green fly, thrip, red spider, etc. ¼pt., 30c.; 45c. per ½pt.; pt., 70c.; \$1.10 per qt.; gal., \$3.25.

**Aphis Punk.** A paper that has been thoroughly saturated with nicotine. Pkg. (12 sheets), \$1.00; \$9.50 per case (12 pkgs.).

**Arsenate of Lead.** (Powdered.) ½lb., 25c.; 40c. per lb.; 5 lbs., \$1.50; \$2.75 for 10 lbs.; 24 lbs., \$6.00; \$18.00 for 96 lbs.

**Black-Leaf 40.** 1-oz. bottle, 35c.; \$1.00 per 5-oz. bottle; lb., \$2.25; \$3.25 for 2 lbs.; 5 lbs., \$5.85; \$10.60 for 10 lbs.

**Bordeaux Mixture.** (Powder.) 12½ per cent copper mixture, for spraying purposes. ½lb., 25c.; 40c. per lb.; 5 lbs., \$1.50; \$6.00 for 24 lbs.; 96 lbs., \$18.00.

**Bug Death.** Largely used instead of Paris Green; powder form. Not poisonous to persons. 10-oz. containers, 25c.; \$1.00 for 5 lbs.; 12½ lbs., \$2.25; \$12.00 for 100 lbs.

**Carbolineum.** A germicide and disinfectant for purifying poultry houses, stables, etc. Gal., \$2.00; \$8.00 for 5 gals.

**Ceresan (Du Bay).** 2 per cent. A dust disinfectant for cotton, flax, millet, peas, and narcissus. Lb., 70c.; \$3.00 for 5 lbs.; 25 lbs., \$12.75; \$50.00 for 100 lbs.

**Ceresan, New Improved (Du Bay).** A dust-disinfectant for wheat, oats, and barley. Lb., 70c.; \$3.00 for 5 lbs.

**Copper Solution.** Excellent spray for carnation rust and diseases of the grape, pear, apple and other fruits. A good thing to use for leaf-blight and mildew. Qt., \$1.50; \$3.75 per gal.

**Cuprocide (Red Copper Oxide).** Excellent to prevent the fungous disease known as damping-off. Lb., 90c.; \$4.00 for 5 lbs.; 20 lbs., \$14.00; \$25.00 for 50 lbs.; 200 lbs., \$77.00.

**Cyanegg.** For generating hydrocyanic acid gas. Do not use on sweet peas. Lb., 60c.; \$2.50 for 5 lbs.

**Cyanogas (Calcium Cyanide).** G. Fumigant. For greenhouse fumigation. \$3.00 for 5 lbs.; 25 lbs., \$10.00; \$30.00 for 100 lbs.

**Cyanogas (Calcium Cyanide).** A. Dust. For killing rats, moles, woodchucks, etc. ½lb., 45c.; 75c. per lb.; 5 lbs., \$3.00.

**Dog-Scat.** Keeps dogs away from trees, shrubs, etc.; the odor does the work. Small tube, 15c.; 30c. per large tube.

**Dogzoff.** If you are bothered with dogs, cats, or rabbits, "Dogzoff" is the spray you need. An efficient animal repellent. One spraying will last from 3 to 4 weeks. Not offensive to humans. Can, 60c.; \$2.50 per pt.; qt., \$4.00.

**Evergreen Insecticide (New).** A non-poisonous insecticide recommended for killing insects. Oz., 35c.; \$1.00 for 6 ozs.; 16 ozs., \$2.00; \$11.00 per gal.; 5 gals., \$45.00.

**Fish-Oil Soap.** Lb., 35c.; \$1.50 for 5 lbs.; 10 lbs., \$2.50; \$4.00 for 25 lbs.; 50 lbs., \$7.00; \$11.00 for 100 lbs.

**Fish-Oil Soap (Good's Caustic).** Lb., 35c.; \$1.50 for 5 lbs.; 10 lbs., \$2.50; \$4.00 for 25 lbs.; 50 lbs., \$6.50; \$11.00 for 100 lbs.

**Fish-Oil Soap (Rosin).** 5 lbs., \$1.75; \$3.00 for 10 lbs.; 25 lbs., \$5.00; \$8.50 for 50 lbs.; 100 lbs., \$15.00.

**Formacide.** A formaldehyde dust, seed and soil disinfectant, used as a control of damping-off. ½lb., 45c.; 75c. per lb.; 5 lbs., \$2.00; \$5.50 for 25 lbs.; 50 lbs., \$9.00; \$17.00 for 100 lbs.

**Form-O-Fume (Formaldehyde Dust).** An effective insurance against the damping-off of flower and vegetable seedlings and cuttings. Lb., 50c.; \$1.75 for 5 lbs.; 25 lbs., \$5.00.

**Fungtrogen.** For mildew and black-spot on roses. ½pt., 75c.; \$1.25 per pt.; qt., \$2.00; \$3.50 per ½gal.; gal., \$6.00.

**Grape and Rose Dust.** Used for mildew and fungous diseases. Lb., 35c.; \$1.25 for 5 lbs.; 25 lbs., \$6.25; \$22.00 for 100 lbs.

**Kerosene Emulsion (Liquid Miscible Oil).** Makes an excellent spray for all mild forms of scale, and soft lice of any kind, such as infest rose and fruit bushes, vegetables and trees. Dilutes 1 part to 20 parts of water. Pt., 45c.; 75c. per qt.; gal., \$1.75; \$6.00 for 5 gals.

**Lemon-Oil Insecticide.** Effectually destroys mealy bug, scale, thrip and red spider. ½pt., 35c.; 50c. per pt.; qt., 85c.; \$1.50 per ½gal.; gal., \$2.50; \$10.00 for 5-gal. keg.

**Lethane-440.** A complete all-round spray, effective against practically all sucking insects and their eggs. 2 ozs., 35c.; \$1.00 for 6 ozs.; pt., \$2.00; \$3.00 per qt.; gal., \$8.50; \$35.00 for 5 gals.; 10 gals., \$60.00; \$150.00 for 30 gals.; 50 gals., \$250.00.

**Lime-Sulphur.** For scale insects on trees and shrubs. Qt., 50c.; \$1.00 per gal.; 5 gals., \$4.00; \$10.50 per ½bbl. (30 gals.); bbl. (55 gals.), \$14.00.

**Lime-Sulphur.** (Dry Powder Form.) Lb., 40c.; \$1.75 for 5 lbs.; 25 lbs., \$4.50; \$8.25 for 50 lbs.; 100 lbs., \$15.00.

**Loro.** A new contact insecticide for use on flowers, vegetables, shrubs, trees and other ornamentals; non-poisonous when used as directed. Effective on aphids (plant-lice and green fly), thrips, midge, red spider, mealy bug, lace fly and leaf hopper. Pt., \$2.00; \$10.50 per gal.; 5 gals., \$45.00.

**Mo Lo.** For destroying and driving away moles. Pkg., 25c.

**Molgen.** Eliminates moles from the lawn within 2 or 3 days. Non-poisonous to humans or pets. ½-lb. can, 50c.; \$1.25 per 1½-lb. can; 5-lb. can, \$4.00.

**Naphtha Flakes.** Will control thrips, sow-bugs, etc. Lb., 20c.; \$1.70 for 10 lbs.; 25 lbs., \$3.75; \$7.00 for 50 lbs.; 100 lbs., \$13.00.

**Naptoside.** A fumigant insecticide; kills thrips, millepedes, sow-bugs, etc., in greenhouse; also gladiolus thrips outdoors. Lb., 35c.; \$1.25 for 5 lbs.; 25 lbs., \$4.00; \$7.00 for 50 lbs.; 100 lbs., \$13.00; \$55.00 for 500 lbs.

**Nico Fume.** (Liquid.) For use as a spray or vapor. Lb., \$2.50; \$6.00 for 4 lbs.; 8 lbs., \$11.00; \$48.00 per 40-lb. drum.

**Nico-Fume Fumigating Powder.** For fumigating greenhouses. 1-lb. can, \$1.15; \$3.50 for 5 lbs.; 10 lbs., \$6.25.

**Nico-Fume Paper.** A paper treated with nicotine. Per box of 24 sheets, \$1.50; \$4.75 for 144 sheets; 288 sheets, \$8.50.

**Nico-Fume Powder Pressure Fumigator.** Nico-Fume Powder is supplied in a special tin in which the powder is burned under pressure. ½-lb. size, 45c. each; \$2.40 for 6; case lots of 1 doz., \$4.20. 1-lb. size, 75c. each; \$3.75 for 6; case lots of 1 doz., \$7.00.

**Nikoteen (30 per cent).** 1-oz. bottle, 30c.; 45c. per 2-oz. bottle; ½-lb. bottle, \$1.25; \$2.25 per lb.; 4 lbs., \$6.00; \$11.50 for 8 lbs.

**Nikoteen (40 per cent solution).** 4 lbs., \$6.50; \$12.50 for 8 lbs.

**Para-Dichlorobenzene.** For peach-tree borers. 1-lb. can, 50c.; \$2.25 for 5-lb. can; 10-lb. can, \$4.00; \$9.50 for 25-lb. keg; 100-lb. keg, \$25.00.

**Pyrethrum Powder.** Lb., 50c.; \$2.25 for 5 lbs.; 10 lbs., \$4.00.

**Pyrote.** A non-poisonous insecticide for killing both chewing and sucking insects. Oz., 35c.; \$1.00 for 6 ozs.; 16 ozs., \$2.00; \$3.50 per qt.; gal., \$12.00; \$50.00 for 5 gals.

**Red Arrow Insect Spray (Pyrethrum Soap).** A non-poisonous, effective insecticide. Oz., 35c.; \$1.00 for 4 ozs.; pt., \$2.70; \$4.00 per qt.; gal., \$12.00.

**Rotenone.** (Non-Poisonous Dust.) Contains 75/100 per cent of Rotenone. Controls asparagus, cucumber, bean, Colorado potato, flea, and blister beetles; leaf hopper, red spider, cabbage worms, thrips. 5 lbs., \$1.25; \$6.00 for 25 lbs.; 100 lbs., \$20.00.

**Scale Oil.** An efficient oil spray for controlling scale insects, aphids, thrip, red spider, etc. Qt., 70c.; \$1.25 per gal.; 5 gals., \$5.00; \$16.50 for 30 gals.; 50 gals., \$25.00.

**Scalecide.** Used for the destruction of the San Jose Scale. Qt., 65c.; \$1.55 per gal.; 5 gals., \$5.50; \$10.50 for 10 gals.; 30 gals., \$23.50; \$32.00 for 50 gals.

**Selocide.** A powerful new killing insecticide that gives control of red spiders; also kills the eggs. Dilute 1 part to 49 parts of water. Gal., \$3.50; \$16.75 for 5 gals.

**Semesan (Du Bay).** A mercuric disinfectant for the control of many seed, plant, and soil diseases. 2 ozs., 35c.; \$2.25 per lb.; 5 lbs., \$9.90; \$45.50 for 25 lbs.; 100 lbs., \$180.00.

**Slug Shot.** 1-lb. carton, 25c.; \$1.00 for 5 lbs.; 25 lbs., \$3.00; 125-lb. keg, with duster, \$12.50.

**Snarol.** For the control of cutworms, snails, slugs, etc. 1½ lbs., 35c.; 85c. for 4 lbs.; 15 lbs., \$3.00.

**Soap (C. P. O.).** For control of many insects on evergreens, flowering plants, fruits and vegetables. 3-oz. bottle, 25c.; 65c. per pt.; qt., \$1.00; \$2.50 per gal.

**Soap Spray (Imp).** An all-round insecticide. Pt., 65c.; \$1.00 per qt.; gal., \$3.00; \$12.00 for 5 gals.; 10 gals., \$20.00.

**Sulphate of Copper.** Lb., 20c.; 75c. for 5 lbs.; 10 lbs., \$1.40; \$3.00 for 25 lbs.; 100 lbs., \$10.00.

**Sulphur.** Used principally in greenhouses for checking mildew. Lb., 15c.; 50c. for 5 lbs.; 10 lbs., 90c.; \$2.25 for 25 lbs.; 100 lbs., \$8.00.

**Sulphur Candles.** 20c. each; doz., \$2.25.

**Sulrote (Rotenone Sulphur Dust).** An insecticide and fungicide for flowers, vegetables, and ornamentals. Lb., 40c.; \$1.25 for 5 lbs.; 25 lbs., \$5.50; \$19.00 for 100 lbs.

**Sunoco Spray Oil.** For controlling scale insects, red spider, aphids, thrip, etc. Gal., \$1.40; \$5.50 for 5 gals.; 15 gals., \$10.00; \$15.00 for 30 gals.; 55 gals., \$23.50.

**Thrip Juice (Hammond's No. 2).** Effective against aphids, red spider, mealy bugs, etc. Pt., 80c.; \$1.25 per qt.; gal., \$4.00.

**Tobacco Dust (for dusting).** 1-lb. can, with sifter top, 25c.; 45c. for 5 lbs.; 10 lbs., 75c.; \$1.50 for 25 lbs.; 50 lbs., \$2.25; \$4.00 for 100 lbs.

**Tobacco Dust (for fumigating).** Lb., 15c.; 50c. for 5 lbs.; 10 lbs., 85c.; \$1.60 for 25 lbs.; 50 lbs., \$2.50; \$4.25 for 100 lbs.

**Tobacco Stems.** (Fresh.) Lb., 10c.; 30c. for 5 lbs.; 10 lbs., 50c.; \$1.00 for 25 lbs.; large bales at 2c. per lb.; ½ton, \$15.00; \$27.50 per ton.

**Volck.** (Garden.) A Volck-Nicotine combination spray for the garden; controls red spider, mites, white flies, scales, mealy bugs. 3½ ozs., 35c.; \$1.00 per pt.; qt., \$1.50; \$4.00 per gal.

**Volck.** (Nursery.) A mineral-oil spray for general use on growing plants in the nursery, greenhouse and garden. ½pt., 35c.; 75c. per qt.; gal., \$2.00; \$6.50 for 5 gals.

**Wettable Microscopic Sulphur.** Excellent protection against scab, brown-rot, leaf-spot, mildew, etc. It becomes wet immediately upon being placed in water, its finely divided particles being suspended so evenly as to give the solution a cloudy appearance. It will combine readily and safely with such materials as Arsenate of Lead, Nicotine Sulphate, Rotenone, Pyrethrum, etc., and will not burn or russet fruit or foliage. Lb., 20c.; 75c. for 5 lbs.; 10 lbs., \$1.25; \$2.75 for 25 lbs.; 100 lbs., \$9.50.

**Wilson's O. K. Plant Spray.** ½pt., 40c.; \$1.00 per qt.; gal., \$3.00; \$12.00 for 5 gals.; 10 gals., \$22.00; \$57.00 per ½bbl. (30 gals.); bbl. (50 gals.), \$90.00.

**Worm Destroyer.** For earthworms. A powder to be distributed over a given surface and soaked with water. 100 lbs., \$5.00; \$17.50 per 500 lbs.; ½ton, \$33.50; \$65.00 per ton.

**X-L-ALL Insecticide Compound.** An English preparation for spraying, for mealy bug, red spider, etc. Gal., \$9.00.

ALL PRICES SUBJECT TO MARKET CHANGES

Beautiful lawns and gardens are properly fertilized

## Michell's High-Grade Fertilizers

ALL PRICES ON FERTILIZERS SUBJECT TO MARKET CHANGES

If small quantities of Fertilizers listed are wanted by Parcel Post, please add for postage as follows: 10c. for 3 lbs.; 15c. for 5 lbs.; 20c. for 10 lbs.

**Adco.** A bacterial food for making artificial manure with leaves, grass cuttings, etc. \$1.00 per 7½ lbs.; 25-lb. bag, sufficient to make one-half ton of manure, \$2.00; \$10.50 per 150-lb. bag, sufficient to make 3 tons of manure; 600 lbs., \$42.00; \$145.00 for 2100 lbs.

**All-Crop Fertilizer.** A high-grade, properly balanced fertilizer for general use on all farm and garden crops. 25 lbs., \$1.00; \$1.75 for 50 lbs.; 100 lbs., \$3.25; \$5.50 for 200 lbs.; ½ton, \$23.00; \$45.00 per ton.

**Ashes, Hard Wood.** Apply 1000 lbs. per acre. 25 lbs., \$1.00; \$1.75 for 50 lbs.; 100 lbs., \$3.00; \$5.00 per 200-lb. bbl.; ½ton, \$22.50; \$40.00 per ton.

**Blood (Dried).** For indoor culture of flowering plants, like roses, carnations, etc., its chief element being nitrogen. One of the quickest acting fertilizers. 5 lbs., 70c.; \$1.25 for 10 lbs.; 25 lbs., \$2.00; \$3.50 for 50 lbs.; 100 lbs., \$6.00; \$11.00 for 200 lbs.; 500 lbs., \$25.00.

**Blood, Bone and Potash.** A very high-grade fertilizer for all vegetable and farm crops. 100 lbs., \$5.00; \$9.50 for 200 lbs.; ½ton, \$37.50; \$65.00 per ton.

**Blood Flour.** 5 lbs., 60c.; \$1.00 for 10 lbs.; 25 lbs., \$2.00; \$3.50 for 50 lbs.; 100 lbs., \$6.50; \$12.00 for 200 lbs.

**Bone (Coarse Ground).** Apply 800 to 1000 lbs. per acre. 100 lbs., \$5.00; \$9.50 for 200 lbs.; ½ton, \$40.00; \$78.00 per ton.

**Bone Flour.** Apply 600 lbs. per acre. 5 lbs., 50c.; 85c. for 10 lbs.; 25 lbs., \$1.75; \$2.50 for 50 lbs.; 100 lbs., \$4.25; \$7.50 for 200 lbs.; ½ton, \$32.50; \$60.00 per ton.

**Bone Meal (Michell's Special Grade).** Apply 800 to 1000 lbs. per acre. 3 lbs., 25c.; 40c. for 5 lbs.; 10 lbs., 65c.; \$1.35 for 25 lbs.; 50 lbs., \$2.50; \$4.00 for 100 lbs.; 200 lbs., \$7.00; \$28.50 per ½ton; ton, \$55.00.

**Bovung.** A natural cow-manure containing not less than 75 per cent organic matter, thoroughly dehydrated and well pulverized. Free from live weed seeds; ideal for use on the lawn and also excellent for flowering plants. 5 lbs., 35c.; 60c. for 10 lbs.; 25 lbs., \$1.00; \$1.50 for 50 lbs.; 100 lbs., \$2.75; \$12.50 for 500 lbs.; ½ton, \$23.50; \$42.50 per ton.

**Clay's Fertilizer.** For forcing greenhouse plants and vegetables. 28 lbs., \$3.75; \$6.25 for 56 lbs.; 112 lbs., \$12.00.

**Cotton-Seed Meal.** Apply 800 lbs. per acre. Excellent as a grass and grain fertilizer. 5 lbs., 40c.; 75c. for 10 lbs.; 25 lbs., \$1.30; \$2.25 for 50 lbs.; 100 lbs., \$4.00; \$35.00 per ½ton; ton, \$65.00.

**Cow or Cattle Manure (Shredded).** Apply 1000 lbs. per acre. 5 lbs., 45c.; 70c. for 10 lbs.; 25 lbs., \$1.40; \$2.25 for 50 lbs.; 100 lbs., \$3.50; \$16.50 for 500 lbs.; ½ton, \$30.00; \$55.00 per ton.

**Cow or Cattle Manure (Pulverized).** 100 lbs., \$3.50; \$16.50 for 500 lbs.; ½ton, \$30.00; \$55.00 per ton.

**Floranid.** A concentrated organic nitrogen fertilizer for vegetables, flowers, shrubs, lawns, etc. Lb., 25c.; 90c. for 5 lbs.; 10 lbs., \$1.50; \$2.75 for 25 lbs.; 100-lb. bag, \$9.50.

**Horn Shavings.** Used principally for mixing in potting soil; especially valuable in chrysanthemum growing. 5 lbs., 85c.; \$1.50 for 10 lbs.; 25 lbs., \$2.50; \$4.00 for 50 lbs.; 100 lbs., \$7.00.

**Hortobacco (Michell's).** A combined fertilizer and insecticide. 5 lbs., 25c.; 45c. for 10 lbs.; 25 lbs., \$1.00; \$1.75 for 50 lbs.; 100 lbs., \$3.00; \$13.00 for 500 lbs.; ½ton, \$26.00; \$50.00 per ton.

**Hyper-Humus.** 5 lbs., 30c.; 50c. for 10 lbs.; 25 lbs., 75c.; \$1.25 for 50 lbs.; 100 lbs., \$2.00; \$9.00 for 500 lbs.; ½ton, \$15.00; \$25.00 per ton. Carload lots in bulk, \$10.00 per ton, f.o.b. factory.

**Kainit (Potash Salts).** Apply 800 to 1000 pounds per acre. Excellent for potatoes, corn and other grains; also for top-dressing asparagus beds, etc. 5 lbs., 35c.; 60c. for 10 lbs.; 25 lbs., \$1.00; \$2.50 for 100 lbs.; 200 lbs., \$4.50; \$18.00 per ½ton; ton, \$35.00.

**Land Plaster.** Used for top-dressing newly plowed land prior to harrowing and for sweetening the soil on lawns and fields; also used for mixing with Paris Green. Apply 1500 to 2000 pounds per acre. 10 lbs., 40c.; 85c. for 25 lbs.; 50 lbs., \$1.25; \$2.00 for 100 lbs.; 200 lbs., \$3.75; \$16.00 per ½ton; ton, \$30.00.

**Lawn Dressing and Fertilizer (Michell's).** Apply 1000 lbs. per acre. Highly desirable for fairways and putting greens. 5 lbs., 40c.; 70c. for 10 lbs.; 25 lbs., \$1.50; \$2.50 for 50 lbs.; 100 lbs., \$4.00; \$37.50 per ½ton; ton, \$70.00.

**Lawn Sand, Climax.** For destroying weeds in the lawn without injury to the grass; also acts as a fertilizer. For best results follow directions on the package. 3½-lb. tin, 75c.; \$1.40 for 7 lbs.; 14 lbs., \$2.75; \$4.50 for 28 lbs.; 56 lbs., \$7.50; \$14.00 for 112 lbs.

**Legume-Aid.** Moist composition base. Living bacteria in a base of relative low-moisture content which adheres to dry seed without the use of water.

For Alfalfa and all Clovers: ¼-bus. size, 20c.; 30c. per ½-bus. size; 1-bus. size, 50c.; \$1.00 per 2½-bus. size.

For Soy Beans, Peas, Vetch and Beans: ½-bus. size, 20c.; 30c. per 1-bus. size; 2-bus. size, 50c.; \$1.00 per 5-bus. size.

We can also supply Agar (Jelly) base at same prices. Always state what kind of seed you wish to inoculate when ordering.

**Lime (Hydrated or Powdered).** Apply one ton per acre. 30c. per 10-lb. box; 50 lbs., 85c.; \$1.40 for 100 lbs.; 500 lbs., \$6.75; \$13.00 per ½ton; ton, \$22.50.

**Limestone (Pulverized).** For applying on sour or worn-out soils at the rate of one ton per acre. Put up in 100-lb. bags. 100 lbs., \$1.00; \$4.75 for 500 lbs.; ½ton, \$9.00; \$17.50 per ton.

**Manure (Fresh Horse, Stockyard, and Cow).** At short notice we can usually supply first-class horse, cow, and stockyard manure in carload lots only. Prices on request.

**Mum Manure (Smith's).** Give your plants a quick start by using this manure. A perfect food for mums and other flowers. 50 lbs., \$2.75; \$5.00 for 100 lbs.

**Muriate of Potash.** Apply 100 to 150 lbs. per acre, usually with other fertilizers. Analysis equal to 50 per cent actual potash. 5 lbs., 35c.; 60c. for 10 lbs.; 25 lbs., \$1.25; \$2.25 for 50 lbs.; 100 lbs., \$4.00; \$7.25 for 200 lbs.; ½ton, \$31.50; \$60.00 per ton.

**Nitrate of Soda.** Apply 100 to 150 lbs. per acre, mixing with land plaster or other fertilizers to render application more easy. Use only after plants are above ground. Lb., 15c.; 25c. for 2 lbs.; 5 lbs., 50c.; 75c. for 10 lbs.; 25 lbs., \$1.25; \$2.00 for 50 lbs.; 100 lbs., \$3.50; \$6.50 for 200 lbs.; ½ton, \$31.00; \$60.00 per ton.

**Nitrophoska.** A well-balanced, quick-acting food for every purpose in the garden or lawn. Analysis: Nitrogen, 15 per cent; Phosphoric Acid, 30 per cent; Potash, 15 per cent. For the garden or flowers, use 5 to 10 lbs. to 1000 sq. ft.; for lawns, apply 6 to 10 lbs. to 1000 sq. ft. Lb., 25c.; 90c. for 5 lbs.; 10 lbs., \$1.50; \$2.75 for 25 lbs.; 100 lbs., \$6.75.

**Peat Moss, Torf Mull.** (Imported.) Granulated. A clean, odorless substitute for manure. Excellent for mulching. Small bale, \$1.85; \$4.00 per large bale.

**Philogan.** A natural manure; organic material manufactured by scientific process. An ideal food for carnations, roses and other greenhouse crops. 25 lbs., 85c.; \$1.50 for 50 lbs.; 100 lbs., \$2.50; \$12.00 for 500 lbs.; ½ton, \$23.00; \$40.00 per ton.

**Phosphate, Super or Acid (16 per cent).** Apply 1000 lbs. per acre. 5 lbs., 35c.; 60c. for 10 lbs.; 25 lbs., \$1.00; \$2.25 per 100 lbs.; 200 lbs., \$3.50; \$13.00 per ½ton; ton, \$25.00.

**Phosphate (Michell's High-Grade Ammoniated).** Apply 800 to 1000 lbs. per acre broadcast. 5 lbs., 40c.; 70c. for 10 lbs.; 25 lbs., \$1.25; \$2.00 for 50 lbs.; 100 lbs., \$3.50; \$6.00 for 200 lbs.; ½ton, \$25.00; \$45.00 per ton.

**Plantabbs.** An odorless plant-food for all plants in the house or garden. Pkg. of 30 tablets, 25c.; 50c. for 75 tablets; 200 tablets, \$1.00; \$3.50 for 1000 tablets.

**Salt.** For asparagus beds. Apply 800 lbs. per acre in early spring. 25 lbs., 85c.; \$1.50 for 50 lbs.; 100 lbs., \$2.50; \$4.00 for 200 lbs.; ½ton, \$18.00; \$32.00 per ton.

**Sheep Manure (Wizard Brand).** Apply 1000 lbs. per acre. For garden, lawn or greenhouse use. 3 lbs., 25c.; 40c. for 5 lbs.; 10 lbs., 65c.; \$1.25 for 25 lbs.; 50 lbs., \$2.00; \$3.25 for 100 lbs.; 500 lbs., \$15.00; \$28.50 per ½ton; ton, \$55.00.

**Soot (Imported Scotch).** 5 lbs., 60c.; \$1.00 for 10 lbs.; 25 lbs., \$1.75; \$5.00 for 100 lbs.

**Steriloam.** Specially prepared sterilized soil for use in pots and seed-pans. Free from weed seeds. 10 lbs., \$1.50; \$2.25 for 25 lbs.; 50 lbs., \$3.75; \$6.75 for 100 lbs.

**Stim-U-Plant.** A plant-food in tablet form. Pkg. of 30 tablets, 25c.; 75c. per pkg. of 100 tablets (by Parcel Post, 85c.); 1000 tablets, \$3.50 (by Parcel Post, \$3.65).

**Sulphate of Aluminum.** Especially adapted for fertilizing rhododendrons and other plants requiring an acid soil. Also used for changing the color of white hydrangeas. 2 lbs., 25c.; 50c. for 5 lbs.; 10 lbs., 85c.; \$1.50 for 25 lbs.; 100 lbs., \$4.00; \$7.50 for 200 lbs.

**Sulphate of Ammonia.** Apply 75 to 100 lbs. per acre only with other fertilizers deficient in nitrogen. Analysis equal to 25 per cent of ammonia. 5 lbs., 55c.; 90c. for 10 lbs.; 25 lbs., \$1.50; \$2.25 for 50 lbs.; 100 lbs., \$4.00; \$7.00 for 200 lbs.

**Sulphate of Potash.** Apply 100 to 125 lbs. per acre, usually with other fertilizers. 5 lbs., 40c.; 70c. for 10 lbs.; 25 lbs., \$1.25; \$2.25 for 50 lbs.; 100 lbs., \$3.75; \$7.25 for 200 lbs.

**Tankage.** Usually applied to plants such as roses, etc., under glass. 5 lbs., 50c.; 80c. for 10 lbs.; 25 lbs., \$1.50; \$2.25 for 50 lbs.; 100 lbs., \$4.00; \$7.00 for 200 lbs.; ½ton, \$32.00; \$60.00 per ton.

**Terogen.** An autumn and winter ground dressing for the rose-garden. 1-lb. tin, 75c.; \$1.25 for 2 lbs.; 5 lbs., \$2.75; \$4.75 for 10 lbs.; 25 lbs., \$11.00; \$21.00 for 50 lbs.; 100 lbs., \$40.00.

**Tobacco Stems.** Lb., 10c.; 30c. for 5 lbs.; 10 lbs., 50c.; \$1.00 for 25 lbs.; large bales at 2c. per lb.; per ½ton, \$15.00; \$27.50 per ton.

**Tree Food (Michell's).** A wonderful fertilizer for fruit and shade trees; contains the three necessary elements to promote vigorous growth. 25 lbs., \$1.60; \$2.65 for 50 lbs.; 100 lbs., \$4.50; \$20.00 for 500 lbs.; ½ton, \$37.50; \$70.00 per ton.

**Vigoro.** Especially adapted for the lawn, garden, and greenhouse. 1-lb. pkg., 10c.; 45c. for 5 lbs.; 10 lbs., 85c.; \$1.50 for 25 lbs.; 50 lbs., \$2.50; \$4.00 for 100 lbs.

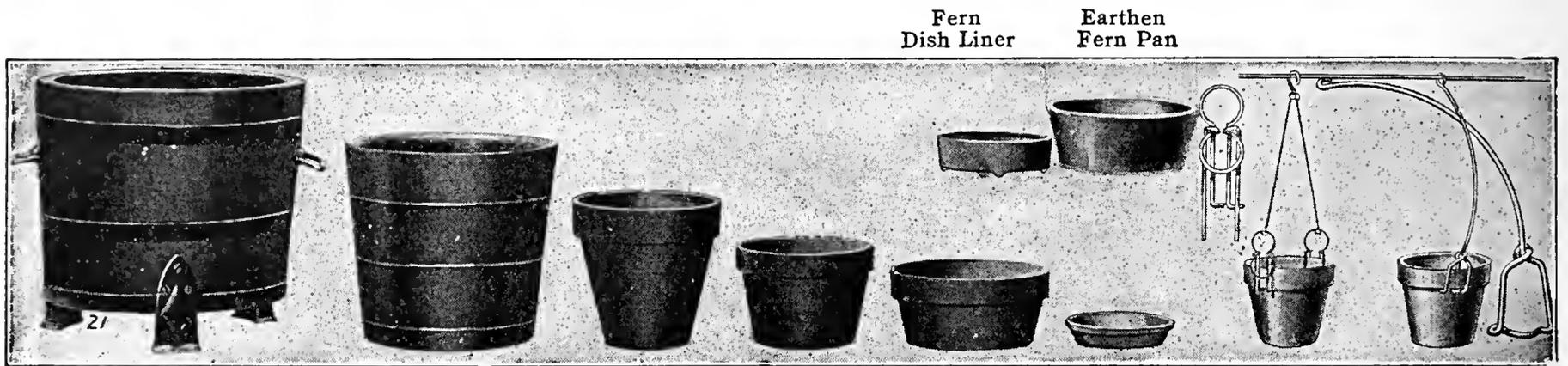
**Vita-Vim.** The non-acid tonic food, especially suited to the exacting requirements of under-glass feeding. Lb., 35c.; 75c. for 5 lbs.; 25 lbs., \$1.75; \$3.00 for 50 lbs.; 100 lbs., \$5.50.

**Wheat Fertilizer.** For grass and grain crops. Apply 800 lbs. per acre. 100 lbs., \$3.75; \$6.00 for 200 lbs.; ½ton, \$26.00; \$50.00 per ton.

**Wonder Worker Fertilizer.** A high-grade animal base fertilizer for growing all vegetable crops. 100 lbs., \$4.50; \$8.50 for 200 lbs.; 500 lbs., \$20.00; \$37.50 per ½ton; ton, \$65.00.

PLEASE NOTE.—No smaller quantity of Fertilizer than here offered can be supplied

# Michell's Flower Pots, Tubs, Etc.



Cedar Tub

Keystone Tub

Earthen Flower Pot

Azalea Pot

Earthen Bulb Pan

Earthenware Saucer

Krick Pot Hanger

Eureka Pot Hanger

## Cedar Tubs

### Equipped with Strong Iron Handles

These are made by hand of the very best white cedar, painted green, bound with black iron hoops.

No.	Top Diam.	Depth	Each
No. 0	24 3/4 in.	24 in.	\$12 00
No. 1	23 3/8 in.	22 in.	11 00
No. 2	21 in.	20 in.	10 00
No. 3	18 1/8 in.	18 in.	8 75
No. 4	16 1/2 in.	16 in.	7 00
No. 5	14 7/16 in.	14 in.	6 50
No. 6	12 3/8 in.	12 in.	5 25
No. 7	11 3/4 in.	10 in.	4 50
No. 8	10 1/8 in.	9 1/2 in.	4 00

## Michell's Keystone Plant Tubs

Made of white cedar, painted green and bound with strong electric welded wire hoops, which do not rust. Handles are sold separately at 25c. per pair, not attached to tub.

No.	Inside Diam.	Depth	Each	Parcel Post
1	6 in.	6 in.	\$0 80	\$0 95
2	7 in.	7 in.	85	1 00
3	8 in.	8 in.	90	1 05
4	9 in.	9 in.	95	1 10
5	10 in.	9 in.	1 00	1 15
6	11 in.	10 in.	1 25	1 45
7	12 in.	11 in.	1 40	1 60
8	13 in.	12 in.	1 85	2 10
9	14 in.	13 in.	1 95	2 20
10	15 in.	14 in.	2 35	2 60
11	16 in.	15 in.	2 50	2 80
12	17 in.	16 in.	2 90	3 25
13	18 in.	17 in.	3 50	4 00
14	19 in.	18 in.	4 75	5 25

## Plant Tub Green Paint

Especially prepared for painting plant tubs. Gives a bright glossy finish that will stand the weather conditions and will not fade. Pt., 60c.; \$1.05 per qt.; gal., \$3.50.

## Earthen Flower Pots

Height and Width inside	Each	Doz.	100	1000
1 in.	\$0 02	\$0 20	\$1 35	\$12 00
2 in.	03	25	1 40	12 25
2 1/4 in.	04	30	1 45	12 75
2 1/2 in.	05	35	1 65	15 00
3 in.	06	40	2 15	19 50
3 1/2 in.	06	45	2 65	24 00
4 in.	07	50	3 30	30 00
4 1/2 in.	08	60	4 45	40 50
5 in.	10	75	5 95	54 00
5 1/2 in.	12	1 00	7 45	67 50
6 in.	12	1 20	8 90	81 00
7 in.	20	2 00	13 50	
8 in.	25	2 75	19 50	
9 in.	35	4 00	30 00	
10 in.	50	5 50	40 50	
12 in.	1 00	11 00	82 50	
14 in.	1 50	17 50	135 00	

## Cut-Flower Vases, Galvanized Iron

No.	Top Diam.	Height	Bottom Diam.	Each
65	7 1/2 in.	8 in.	6 1/2 in.	\$0 75
66	9 in.	10 in.	7 1/2 in.	80
67	9 in.	11 1/2 in.	7 1/2 in.	85
68	9 in.	12 1/2 in.	7 1/2 in.	95
69	9 in.	18 in.	7 1/2 in.	1 10
70	9 in.	24 in.	7 1/2 in.	1 35
253	5 in.	10 in.	3 3/4 in.	60
254	5 1/2 in.	11 in.	4 1/2 in.	75
255	6 1/2 in.	12 in.	5 1/2 in.	80
257	6 1/2 in.	15 in.	4 1/2 in.	85

## Azalea Pots

Diam.	Depth	Each	Doz.	100
5 in.	4 1/2 in.	\$0 10	\$0 75	\$5 95
6 in.	5 in.	12	1 20	8 90
7 in.	6 in.	20	2 00	13 50
8 in.	7 in.	25	2 75	19 50
9 in.	7 1/2 in.	35	4 00	30 00
10 in.	8 in.	50	5 50	40 50
12 in.	10 in.	1 00	11 00	82 50

## Earthen Bulb Pans

Diam.	Each	Doz.	100
6 in.	\$0 12	\$1 20	\$8 90
7 in.	20	2 00	13 50
8 in.	25	2 75	19 50
9 in.	35	4 00	30 00
10 in.	50	5 50	40 50
12 in.	1 00	11 00	82 50
14 in.	1 50	17 50	135 00

## Earthenware Saucers

	Each	Doz.	100
4 in.	\$0 03	\$0 35	\$2 25
5 in.	04	45	3 00
6 in.	06	65	4 50
7 in.	09	95	6 75
8 in.	12	1 20	9 50
9 in.	18	1 80	12 50
10 in.	25	2 50	20 00
12 in.	40	4 00	30 00
14 in.	50	5 00	40 00

## Fern-Dish Liners

Very shallow, for inside of fancy silver or porcelain ferneries.

Width	Height	Each	Doz.	100
7 in.	1 7/8 in.	\$0 20	\$2 15	\$13 50

## Earthen Fern Pans

Width	Height	Each	Doz.	100
4 in.	1 7/8 in.	\$0 08	\$0 85	\$6 00
4 3/4 in.	2 1/8 in.	12	1 10	8 00
5 1/2 in.	2 1/4 in.	15	1 35	10 00
6 1/4 in.	2 1/2 in.	18	1 60	12 00
7 in.	2 5/8 in.	20	2 00	14 00
8 in.	3 3/8 in.	25	2 50	20 00
9 in.	3 1/4 in.	30	3 00	24 00

## Wooden Seed Flats

	Each
20 x 10 x 3 in.	\$0 35
20 x 14 x 3 in.	40

## Eureka Pot Hangers

Price, 20c. each; doz., \$1.50 (by Parcel Post, \$1.70); \$10.00 per 100.

## Krick Pot Hangers

No.	Each	Doz.	Parcel Post
No. 1	\$0 07	\$0 60	\$0 65
No. 2	08	70	75
No. 3	09	80	85

## Neponset Paper Pots

Green—for growing

Every grower of plants can cut the growing costs by using these pots. They are superior to any pot made for the actual growing of plants.

Diam.	Doz.	per doz.	100	per 100	1000
2 in.	\$0 15	\$0 20	\$0 80	\$0 90	\$7 00
2 1/4 in.	20	30	85	95	7 25
2 1/2 in.	25	35	90	1 00	7 50
3 in.	30	40	95	1 05	8 00
3 1/2 in.	35	45	1 15	1 25	10 00
4 in.	40	50	1 30	1 45	12 00
5 in.	45	55	1 75	1 95	16 00
6 in.	50	60	2 50	2 75	22 50

## Red Paper Flower Pots

Diam.	Doz.	per doz.	100	per 100	1000
2 in.	\$0 10	\$0 15	\$0 45	\$0 55	\$4 00
2 1/4 in.	12	20	50	60	4 50
2 1/2 in.	15	20	60	70	5 00
3 in.	20	30	80	90	6 50
3 1/2 in.	25	35	90	1 00	7 50
4 in.	35	45	1 15	1 25	10 00
5 in.	40	50	1 50	1 65	13 00
6 in.	40	50	2 00	2 25	15 00

## Rubber Saucers

Durable and waterproof. Unbreakable. Protects surfaces from dampness, scratches, and ringmarks. Preserves pottery. Colors: red or green.

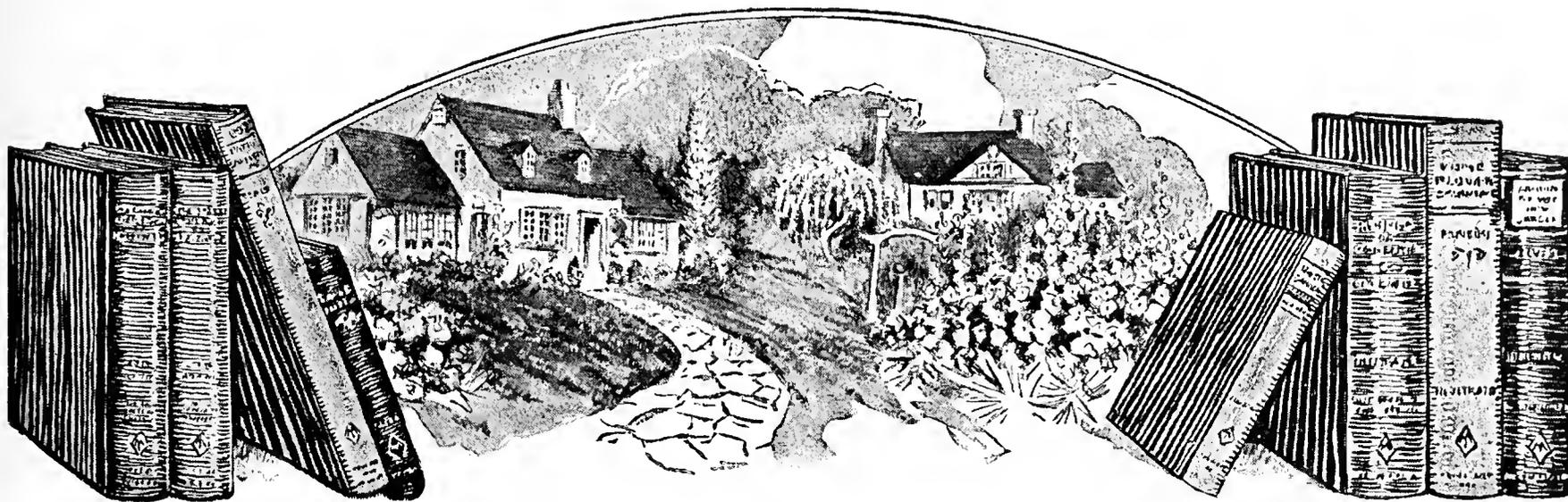
Diam.	Each	Doz.
4 in.	\$0 25	\$2 50
5 1/2 in.	35	3 50
8 1/2 in.	60	6 00

## Wood Fibre Saucers

Extremely desirable on account of being absolutely waterproof.

Diam.	Each	Doz.
6 in.	\$0 55	\$0 60
7 in.	65	75
8 1/2 in.	75	85
10 in.	85	95
11 3/4 in.	95	1 05
14 1/4 in.	1 30	1 45
16 in.	1 65	1 80
17 1/2 in.	1 90	2 05

Parcel Post charges cover postage and special packing required.



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Here is a selection of books that is thoroughly up to date, practical, and comprehensive. Written by authors of national reputation—outstanding men who figure prominently in the various phases of garden and farm work. These books will show you how to raise bigger and better crops—better your condition—increase your efficiency—add to your income. Read and make your reading count.

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- Chrysanthemum and Its Culture, The** (White). \$2.00.
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# INDEX TO CONTENTS OF MICHELL'S 1938 BULB CATALOG

## SEEDS

	Page
Alfalfa.....	48
Bird Seeds.....	59
Clovers.....	48
Farm Seeds.....	48
Flower Seeds.....	19 to 28
Grass Seeds.....	46,47
Mushroom Spawn.....	45
Onion Sets.....	45
Pop-corn.....	44
Rape, Esscx.....	48
Rye, Winter.....	48
Timothy.....	48
Vegetable Seeds.....	44,45
Vetches.....	48
Wheat.....	48

## BULBS, ROOTS, ETC.

Aconite.....	7,15
Amaryllis.....	15
Anemone.....	15
Asparagus.....	44
Begonias.....	15
Brodiaeas.....	7,15
Bulbs for Rock-Gardens.....	7
Caladiums.....	15
Callas.....	15
Calochortus.....	7,16
Chinese Lilies.....	12
Chionodoxa.....	7,16
Colchicum.....	16
Crocus.....	7,16
Eremurus.....	16
Erythronium.....	7,16
Freesia.....	17
Fritillaria.....	7,16
Gladjolus.....	16
Gloxinia.....	16
Golden Chinese Lilies.....	12
Grape Hyacinths.....	7,17
Hyacinths.....	8,9
Iris.....	17,18
Ixias.....	17
Jonquils.....	7,11
Leucocoryne.....	18
Leucojum.....	7,18
Lilies.....	7,13,14
Lily-of-the-Valley.....	18,33
Narcissus.....	7,10 to 12
Ornithogalum.....	7,18
Oxalis.....	18
Ranunculus.....	18
Rhubarb.....	45
Scillas.....	7,18
Snowdrops.....	7,18
Spiraea.....	18
Tritonia.....	18
Tulips.....	2 to 7

## PLANTS, ETC.

Achillea.....	29
Aconitum.....	29
Aethionema.....	29
Agrostemma.....	29
Akebia.....	40
Almond, Flowering (Amygdalus).....	41
Althaea.....	41
Alyssum.....	29
Ampelopsis.....	40
Amygdalus.....	41
Anchusa.....	29
Anemone.....	29
Anthemis.....	29
Aquilegia.....	29
Arabis.....	29
Armeria.....	29
Aronia.....	41
Artemisia.....	30
Asclepias.....	30
Asters.....	30
Astilbe.....	30
Baby's Breath (Gypsophila).....	32
Barberry.....	42
Bergamot (Monarda).....	34
Bignonia.....	40
Bleeding-Heart (Dielytra).....	31
Boltonia.....	30
Boston Ivy (Ampelopsis).....	40
Boxwood.....	42
Boysenberry.....	43
Bridal Wreath (Spiraea).....	42
California Privet.....	42
Callicarpa.....	41
Callirhoe.....	30
Calycanthus.....	41
Campanula.....	31
Candytuft (Iberis).....	33
Carnations.....	30
Celastrus.....	40
Centaurea.....	30
Cerastium.....	30
Cercis.....	41

	Page
Chelone.....	31
Chionanthus.....	41
Clematis.....	31,40
Clethra.....	41
Columbine (Aquilegia).....	29
Coreopsis.....	31
Cornus.....	41
Coronilla.....	31
Crab, Flowering (Malus).....	41
Cytisus.....	41
Daisy.....	31
Daphne.....	41
Delphinium.....	31
Deutzia.....	41
Dianthus.....	31
Dictamnus.....	31
Dielytra.....	31
Digitalis.....	31
Dogwood (Cornus).....	41
Doronicum.....	31
English Ivy.....	40
Euonymus.....	41
Exochorda.....	41
Ferns.....	32
Forsythia.....	41
Foxglove (Digitalis).....	31
Fruit Trees.....	43
Gaillardia.....	32
Geum.....	32
Golden Bellis (Forsythia).....	41
Golden Chain (Cytisus).....	41
Gypsophila.....	32
Hedge Plants.....	42
Helenium.....	32
Helianthemum.....	32
Helianthus.....	32
Helleborus.....	32
Heuchera.....	32
Hibiscus.....	32
Hollyhock.....	32
Honeysuckle.....	40
Hop Vine.....	40
Hydrangea.....	41
Iberis.....	33
Iris.....	33
Ivy.....	40
Japan Quince (Pyrus).....	42
Jasminum.....	41
Judas or Redbud (Cercis).....	41
Kolkwitzia.....	41
Larkspur, Hardy (Delphinium).....	31
Liatis.....	33
Lilacs (Syringa).....	42
Lily-of-the-Valley.....	18,33
Linum.....	33
Lobelia.....	33
Lonicera.....	40,41
Lupinus.....	33
Lychnis.....	34
Lycium.....	40
Lythrum.....	33
Malus.....	41
Mertensia.....	34
Mock Orange (Philadelphus).....	41
Monarda.....	34
Monkshood (Aconitum).....	29
Nepeta.....	34
Oenothera.....	34
Pachysandra.....	34
Papaver (Poppy).....	36
Pearl Bush (Exochorda).....	41
Pentstemon.....	34
Peonies.....	35
Pepper Bush (Clethra).....	41
Periwinkle (Vinca).....	37
Philadelphus.....	41
Phlox.....	34
Physalis.....	36
Physostegia.....	36
Pinks (Dianthus).....	31
Platycodon.....	36
Plumbago.....	36
Plums.....	43
Polemonium.....	36
Polygonum.....	40
Poppy.....	36
Primula.....	36
Privet.....	42
Prunus.....	42
Pulmonaria.....	36
Pyracantha.....	42
Pyrethrum.....	36
Pyrus.....	42
Ranunculus.....	36
Rhus.....	42
Robinia.....	42
Rose of Sharon (Althea).....	41
Roses.....	38,39
Rudbeckia.....	36
Saponaria.....	36
Saxifraga.....	36
Scabiosa.....	37
Sedum.....	37
Shasta Daisy.....	31
Shrubs.....	41,42

	Page
Sidalcea.....	37
Small Fruits.....	43
Snowball (Viburnum).....	42
Snowberry (Symphoricarpos).....	42
Spiraea.....	37,42
Statice.....	37
Stokesia.....	37
Stonecrop (Sedum).....	37
Sumac (Rhus).....	42
Sunflower (Helianthus).....	32
Sweet Shrub (Calycanthus).....	41
Sweet William.....	37
Symphoricarpos.....	42
Syringa.....	42
Tamarix.....	42
Thalictrum.....	37
Thymus.....	37
Tradescantia.....	37
Trillium.....	37
Trollius.....	37
Trumpet Vine (Bignonia).....	40
Valeriana.....	37
Veronica.....	37
Viburnum.....	42
Vinca.....	37
Viola.....	37
Vitex.....	42
Weigela.....	42
White Fringe (Chionanthus).....	41
Wisteria.....	40
Yucca.....	37

## IMPLEMENTS, SUNDRIES, ETC.

Adco.....	61
Agri-Pax.....	60
All-Crop Fertilizer.....	61
Antrol.....	60
Aphine.....	60
Aphis Punk.....	60
Aprons.....	56
Arsenate of Lead.....	60
Ashes.....	61
Axes.....	50
Barrels.....	49
Barrel Truck.....	49
Baskets.....	49,52
Bellows.....	56
Bird-Houses.....	59
"Black-Leaf 40".....	60
Blood, Bone and Potash.....	61
Blood (Dried).....	61
Blood Flour.....	61
Bone (Coarse Ground).....	61
Bone Flour.....	61
Bone Meal.....	61
Books.....	63
Bordeaux Mixture.....	60
Bovung.....	61
Boxes.....	58
Brooms.....	49
Brushes.....	49,52
Brush Hook.....	51
Bug Death.....	60
Bulb Fibre.....	9,12,59
Bulb Pans.....	12,62
Bull Dog Clips.....	59
Burlap.....	53
Carbolineum.....	60
Carnation Bands.....	59
Carnation Clips.....	59
Carnation Staples.....	59
Carnation Supports.....	57
Celery Bleachers.....	49
Celery Paper.....	59
Celery Tape.....	59
Cel-O-Glass.....	53
Ceresan.....	48,60
Charcoal.....	12,59
Clay's Fertilizer.....	61
Copper Solution.....	60
Corn Knife.....	50
Corn-Poppers.....	44
Corn Sheller.....	52
Cotton-Seed Meal.....	61
Cow Manure.....	61
Cuprocide.....	45,60
Cut-Flower Boxes.....	58
Cut-Flower Vases.....	62
Cyanegg.....	60
Cyanogas.....	60
Dibbles.....	51
Dog-Scat.....	60
Dogzoff.....	60
Duster.....	56
Evergreen Insecticide.....	60
Extension Pipes.....	56
Fencing.....	53
Fern-Dish Liners.....	62
Fern Pans.....	62
Fertilizers.....	48,61
Fish-Oil Soap.....	60
Flex-O-Glass.....	53
Floranid.....	61

	Page
Flower Pots.....	12,62
Flower Scissors.....	58
Flower Shears.....	58
Formacide.....	60
Fruit-O-Fume.....	60
Fruit Picker.....	52
Fungtrogcn.....	60
Garden Labels.....	57
Glass Clamps.....	54
Glass Cleaner.....	54
Glass Cutters.....	54
Glazing Cement.....	54
Glazing Chisel.....	54
Glazing Points.....	54
Glazing Putty.....	54
Glazit Gun.....	54
Graftex.....	52
Grafting Tool.....	52
Grafting Wax.....	52
Grape and Rose Dust.....	60
Grape Scissors.....	58
Greenhouse Paint.....	54
Grindstone.....	49
Hammer.....	50
Harrows.....	49
Hatchet.....	50
Hedge Shears.....	51,52
Hormodin.....	52
Horn Shavings.....	61
Hortobacco.....	61
Hose.....	54
Hose Bands.....	54
Hose Clamp.....	54
Hose Connections.....	54
Hose Couplings.....	54
Hose Menders.....	54
Hose Nozzles.....	54
Hose Reducers.....	54
Hose Washers.....	54
Hotbed Mats.....	53
Hotbed Sash.....	53
Hyacinth Glasses.....	9
Hyper-Humus.....	61
Insecticides.....	60
Kainit.....	61
Kerosene Emulsion.....	60
Knives.....	51
K. R. O. Rat Destroyer.....	59
Labels.....	57,58
Land Plaster.....	61
Lawn Cleaners.....	49
Lawn Dressing and Fertilizer.....	61
Lawn Sand.....	61
Leaf Mould.....	12,59
Leaf Racks.....	49
Lemon Oil.....	60
Lethane.....	60
Legume-Aid.....	48,61
Lime.....	61
Limestone.....	61
Lime-Sulphur.....	60
Lopping Shears.....	51,52
Loro.....	60
Manure.....	61
Marking Pencils.....	58
Mastica.....	54
Mastica Machine.....	54
Masticote.....	54
Mats.....	53
Mattocks.....	50
Melon Nets.....	45
Mole Traps.....	49
Mo Lo.....	60
Mologen.....	60
Moss.....	59
Mouse Seed.....	59
Mum Manure.....	61
Muriate of Potash.....	61
Naphtha Flakes.....	60
Naptoside.....	60
Nico Fume.....	60
Nico-Fume Fumigating Powder.....	60
Nico-Fume Paper.....	60
Nikoteen.....	60
Nitrate of Soda.....	61
Nitrophoska.....	61
Nozzles.....	54,56
Paint.....	62
Paper.....	58,59
Para-Dichlorobenzine.....	60
Pearl Chips.....	12,59
Peat.....	59
Peat Moss.....	12,59,61
Pebbles.....	12,59
Philogan.....	61
Phosphate.....	48,61
Picks.....	50
Plant Labels.....	57
Plant Setter.....	9,51
Plant Stakes.....	57
Plant Stands.....	56
Plantabbs.....	61
Plant Tubs.....	62
Pliers.....	50

	Page
Poles.....	52,57
Post-Hole Diggers.....	49
Pot Brackets.....	57
Pot Hangers.....	62
Pot Labels.....	57
Pots.....	12,62
Pruning Compound.....	59
Pruning Gloves.....	51
Pruning Saws.....	52
Pruning Shears.....	51
Putty.....	54
Putty Distributor.....	54
Pyrethrum Powder.....	60
Pyrote.....	



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It was prepared to produce a perfectly hardy, closely knit turf for general purposes, and has more than made good wherever tried.

The turf produced is velvety in texture, just about as lustrous a green as one could wish for, and, best of all, it succeeds under a wide range of conditions.

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**TULIPA CLUSIANA**  
*The Lady Tulip*

Everybody loves these graceful flowers reminding one of old-fashioned striped stick candy.

**80c. per doz.; per 100, \$5.50; \$50.00 per 1000**

## Species Tulips



**TULIPA EICHLERI**

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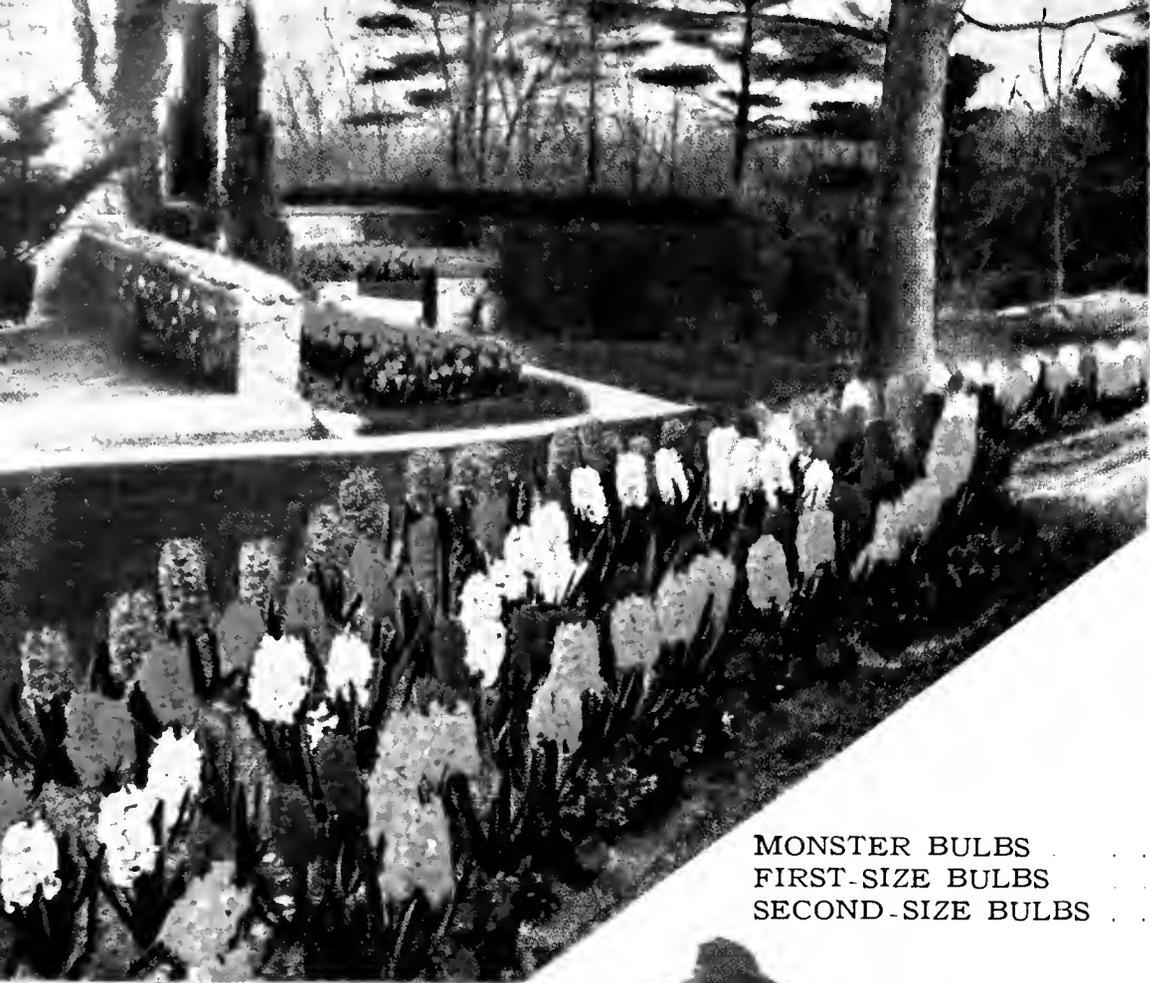
**85c. per doz.; per 100, \$6.00  
\$55.00 per 1000**



**TULIPA KAUFMANNIANA**  
*The Water-Lily Tulip*

This exquisitely beautiful flower is the first to bloom in spring.

**\$1.00 per doz.; per 100, \$7.50; \$70.00 per 1000**



# MICHELL'S Named Hyacinths

The modern Dutch Hyacinth is not only a glorious flower to look at, but its fragrance is something to remember. For garden use these can be planted in solid beds of one color, or mixed colors if so desired, or scattered in groups of 15 to 25 bulbs of a kind in front of, or between, shrubs or evergreens. White or light blue Hyacinths, blooming with an evergreen background, make a beautiful garden picture. We have an especially selected lot of bulbs this year and hope that our customers will take advantage of this opportunity of securing some extra-fine Hyacinths. See page 8.

	Each	Doz.	100
MONSTER BULBS	\$0.25	\$2.25	\$16.50
FIRST-SIZE BULBS	.20	2.00	13.00
SECOND-SIZE BULBS	.15	1.50	10.00



GERTRUDE

KING OF THE BLUES

L'INNOCENCE

LA VICTOIRE

**HENRY F. MICHELL CO., 516-518 Market St., PHILA., PA.**