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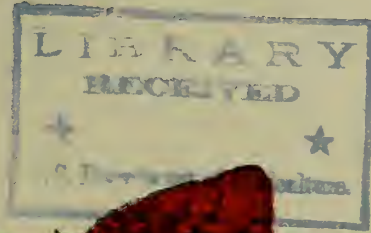
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MICHELL'S

1915

SUMMER CATALOG

July and August
25th YEAR



THE IDEAL STRAWBERRY SENATOR DUNLAP (Perfect)

It ripens early and continues in bearing a long while. In favorable growing weather it retains its size up to the end of the season. The color is beautiful, the berry large and solid and its cropping qualities are unsurpassed. You will be safe in counting on this variety as a producer of the best strawberry crop you ever harvested.

PRICE: Pot-Grown Plants, 75c per dozen; per 100, \$5.00; \$40.00 per 1000.

Henry F. Michell Company endeavor to send out only the very best quality of Seeds, Bulbs and Plants, but cannot guarantee results or crops. If customers do not accept these goods on the above conditions, they can be returned to us within ten days.

HENRY F. MICHELL CO.

HENRY F. MICHELL, President

FRED'K J. MICHELL, Vice-President

TELEPHONES
BELL—LOMBARD
4220
KEYSTONE—MAIN
3600

518 MARKET STREET

PHILADELPHIA

Nurseries and Greenhouses: Andalusia, Pa.

BUSINESS TERMS

We Especially Invite Charge Accounts. A charge account is more convenient than to remit for each order at the time it is sent us; you pay no more for your goods by reason of this accommodation. As to our responsibility, we refer you to Dun's or Bradstreet's Mercantile Agency.

When sending your first charge order, refer, preferably, to someone with whom you have a charge account. This saves many a delay. When sending us your first order accompanied by remittance, we prefer bank cashier's check or money order, unless cash is sent; this frequently saves delays.

Goods can be sent C. O. D., with the exception of perishable items, which includes plants and cold-storage bulbs. These cannot be sent C. O. D. unless a partial remittance accompanies the order.

SHIPPING INSTRUCTIONS

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

INVITATION

All customers and others interested in horticulture or agriculture are cordially invited to visit our plant establishment at Andalusia Station (N. Y. Division of P. R. R.) about 16 miles from Philadelphia. In the spring, summer and autumn we invariably have interesting displays of hardy flowers, etc. This invitation applies to our city establishment as well, at 518 Market Street, Philadelphia.



DELIVERY SERVICE

To points where baggage-master or package service is in operation, we can ship all orders, which can be packed in one parcel or piece, not exceeding 50 pounds in weight, free of transportation charges at prices

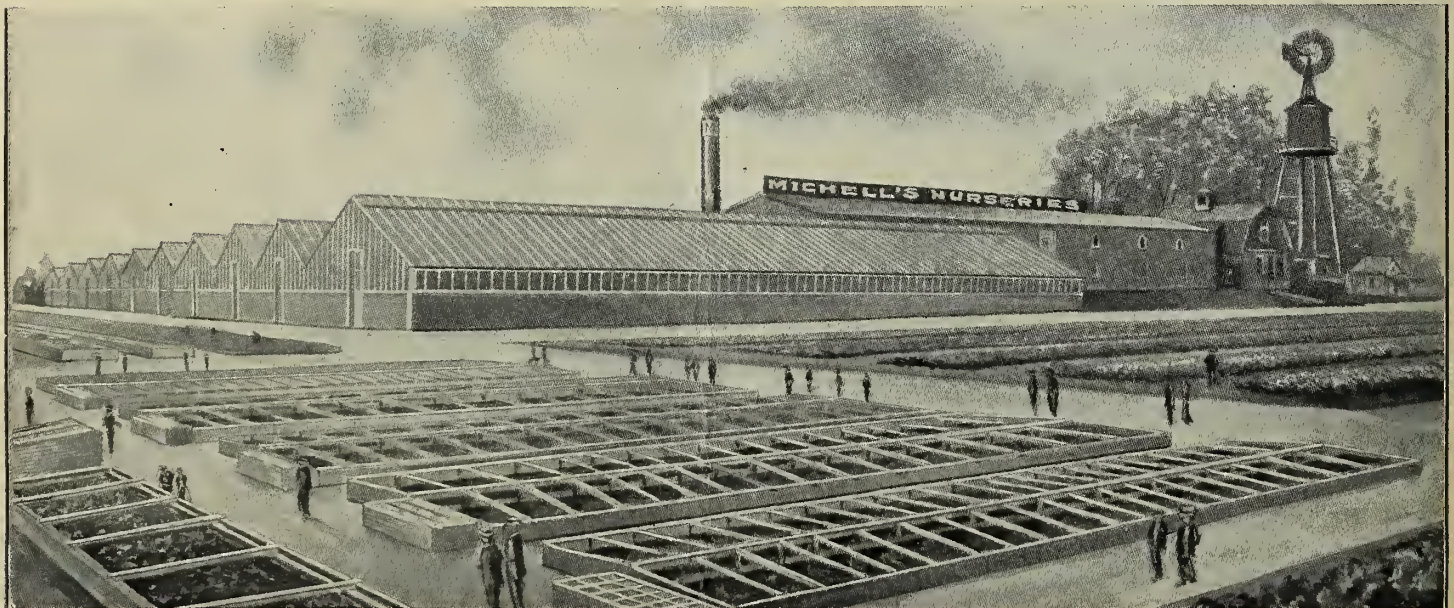
quoted in this catalogue. Fertilizers in more than 25-lb. lots, or bulky packages, are not accepted by baggage-master service. Our wagon delivery also covers many sections of Philadelphia.

TABLE OF PARCEL POST RATES

NOTE. The limit of weight for delivery within local, 1st and 2nd zone is 50 lbs., to all other zones 20 lbs. Liquids and Poisons are excluded from the mails.

All parcels of seeds, bulbs and plants over 8 ozs., and sundries over 4 ozs. in weight come under these rates. Any less than 8 ozs. at the rate of 1c for each 2 ozs., except sundries, which are at the rate of 1c. for each oz.

Local	Lbs.	1	2-3	4-5	6-7	8-9	10-11	12-13	14-15	16-17	18-19	20-21	22-23	24-25	26-27	28-29	30-31	32-33	34-35	36-37	38-39	40-41	42-43	44-45	46-47	48-49	50																				
	Postage	5c	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30																				
Zone 1 and 2	Lbs.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30																
150 Miles	Postage	5c	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
Weight		1 lb.	2 lbs.	3 lbs.	4 lbs.	5 lbs.	6 lbs.	7 lbs.	8 lbs.	9 lbs.	10 lbs.	11 lbs.	12 lbs.	13 lbs.	14 lbs.	15 lbs.	16 lbs.	17 lbs.	18 lbs.	19 lbs.	20 lbs.																										
Zone 3 300 Miles		6c	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44																										
Zone 4 600 Miles		7c	11	15	19	23	27	31	35	39	43	47	51	55	59	63	67	71	75	79	83																										
Zone 5 1000 Miles		8c	14	20	26	32	38	44	50	56	62	68	74	80	86	92	98	1.04	1.10	1.16	1.22																										
Zone 6 1400 Miles		9c	17	25	33	41	49	57	65	73	81	89	97	1.05	1.13	1.21	1.29	1.37	1.45	1.53	1.61																										
Zone 7 1800 Miles		11c	21	31	41	51	61	71	81	91	1.01	1.11	1.21	1.31	1.41	1.51	1.61	1.71	1.81	1.91	2.01																										
Zone 8 Over 1800 Miles		12c	24	36	48	60	72	84	96	1.08	1.20	1.32	1.44	1.56	1.68	1.80	1.92	2.04	2.16	2.28	2.40																										



Partial View of Michell's Nurseries, Greenhouses and Trial Grounds, Andalusia, Bucks Co., Pa.

ATTACH PACKERS MEMO. HERE

CATALOG ORDER SHEET FOR MICHELL'S SEEDS, BULBS, PLANTS, Etc.

Order No. _____

HENRY F. MICHELL CO., 518 Market St., PHILADELPHIA.

Date _____ 191__

Send to _____ In care of _____
LADIES WILL PLEASE PREFIX MISS OR MRS. USE HUSBANDS INITIALS IF MARRIED. SAY HERE IF TO BE SHIPPED IN CARE OF ANYONE, AND WHO

P. O. Street or R. F. D. Address _____

Shipping Address _____ County _____
NAME OF TOWN TO BE SHIPPED TO IF DIFFERENT FROM P. O. ADDRESS

HOW SHALL WE SHIP? FREIGHT EXPRESS BOAT PARCEL POST BAGGAGE MASTER LOCAL EXPRESS State _____
MARK "X" UNDER HEADING SELECTED

Charge to _____ Superintendent's or Gardener's Name _____
FOR PURPOSE OF NOTIFICATION OF SHIPMENT

Charge Address _____ DON'T WRITE HERE WH.-TER.-MG.-NEW ACCT.

AMOUNT ENCLOSED STAMPS M. O. CHECK CASH.
IF REMITTANCE ACCOMPANIES ORDER

L. _____
SPEC. TERMS

DON'T WRITE IN THIS SPACE

FILLED BY	D'BLE CHE'KD BY	FORWARDED BY	PACKED BY
DATE	DATE	DATE	DATE

DO NOT FILL OR SHIP UNLESS MARKED PAID, OR CHARGE AND REGISTERED

Henry F. Michell Company endeavor to send out only the very best quality of Seeds, Bulbs, and Plants, but cannot guarantee results or crops. If customers do not accept goods on the above conditions, they can be returned to us within ten days.

Order Filled by _____
Bulbs _____ Pltr'y. Splies _____
Plants _____ Insect _____
Veg. Seeds _____ Fertilizer _____
Plant Seeds _____ Tools _____

X	√	QUANTITY	DESCRIPTION	PRICE	UNIT	TOTAL	X	√	QUANTITY	DESCRIPTION	PRICE	UNIT	TOTAL

CUSTOMERS:—PLEASE DON'T WRITE IN THESE COLUMNS X OR √ FOR ORDER CLERKS

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SEEDS

PLANTS, ETC.

2 MICHELL'S POT GROWN STRAWBERRY PLANTS

EXTRA SELECTED STOCK—Strong and Well Rooted. Will Yield a Full Crop of Berries Next Season. Ready About August 15th.

The time of shipment is from about August 15th to October 1st. The advantages in planting pot-grown strawberry plants are realized by a full crop of berries the following year. Our plants are carefully grown in clay pots and, prior to shipment, are transferred with the original ball of earth at their roots to substantial paper pots in which they are forwarded, thus insuring the buyer getting them in first-class order and reducing the transportation charges about 25 per cent.

It is Advisable to Send Strawberry Plants by Express Only, as They Cannot be Successfully Shipped by Mail, and by Freight the Risk of Delay is too Great. Plants Take a Special Low Express Rate.

Layer Plants of Strawberries may be obtained about October 1st. Layer plants will yield a moderate crop of berries the season following, and are recommended (because of their low cost) where one has a very large number to plant.

Note—Some varieties which are marked P. are pistillate (or imperfect flowering), and while they embrace often the best kinds, it will be necessary in order to get fruit to plant bisexual (or perfect) flowering sorts near them. About five imperfect to one perfect flowering is the general rule.

CULTURAL NOTE ON STRAWBERRIES

Strawberries delight in good rich soil, that has had plenty of manure added to it. The plants should be set 12 to 15 inches apart, in rows 2 feet apart. A row 100 feet long requires approximately 75 to 100 plants or about 14,500 per acre. If the weather is dry, when planting, water well at the time and for a few days thereafter, if it is possible. Press the soil well around the ball, when planting, and keep the soil well cultivated, cutting off all runners that may form. At the approach of permanent winter it pays to cover the entire bed to a depth of 2 inches with clean straw or salt hay. This protects the plants during severe weather. Do not use leaves, as they hold the moisture and cause damage to the plants in winter. At the approach of spring, rake the covering from the plants proper and leave it between the rows; this will serve as a mulch during the summer, protect against drought, and also keeps the fruit more free from sand, at the same time to a large measure controls the growth of weeds. In planting Strawberries, keep in mind that there are perfect and imperfect or pistillate flowering kinds. The first type of blossom is shown by cut No. 1 below; the pistillate type by cut No. 2.

sorts require hybridizing with the pollen, which is generally accomplished by bees. Pistillate sorts embrace some of the finest varieties, but in planting them, every fourth or fifth plant should be of a perfect flowering type to insure an abundance of fruit.



No. 1



No. 2



A husky developed specimen like this can't fail but give you satisfaction

EARLY VARIETIES

Abington (Perfect). A strong, vigorous grower, with rich, dark green leaves. Perfect blossom and is quite large, twenty-five berries often filling a quart box. In color it is bright red, with firm flesh and good flavor. We have flattering reports concerning this variety from different sections of the country, and we consider it one of the best of the early sorts. 70c. per doz.; per 100, \$4.00; \$37.50 per 1000.

Clyde (Perfect). A standard variety of great merit. It produces a high grade berry of excellent flavor; very productive. 60c. per doz.; per 100, \$3.50; \$30.00 per 1000.

Marshall (Perfect). This berry is claimed to have but one fault, and that is its inability to hold up the immense trusses of berries it produces. It is large, very firm and of the best quality. 60c. per doz.; per 100, \$3.50; \$30.00 per 1000.

Senator Dunlap (Perfect. Early). See colored illustration on first cover page. This grand Strawberry will please the most critical person. One of the first to yield and continues well into the height of the season. It cannot be recommended too highly. 75c. per doz.; per 100, \$5.00; \$40.00 per 1000.

Success (Perfect). This wonderful berry is all that its name implies; it is a success from start to finish. Very vigorous grower; large fruit of high color and firmness, regular shape and a wonder in productiveness. Begins to ripen early and continues several weeks, retaining its large size all season. 60c. per doz.; per 100, \$3.50; \$30.00 per 1000.

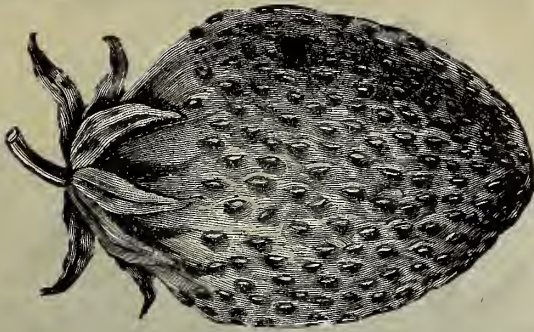
Wildwood (Perfect). A berry that will be in great favor on account of the large size and the aroma and flavor of the wild strawberry. Highly recommended for home use. 60c. per doz.; per 100, \$3.50; \$30.00 per 1000.

NOTE—About October 1st we can furnish Layer Plants of any of the above varieties at 25c. per doz.; per 100, \$1.25; \$7.50 per 1000.

MICHELL'S POT GROWN STRAWBERRY PLANTS 3

MID-SEASON VARIETIES

See Special Cultural
Note on Page 2



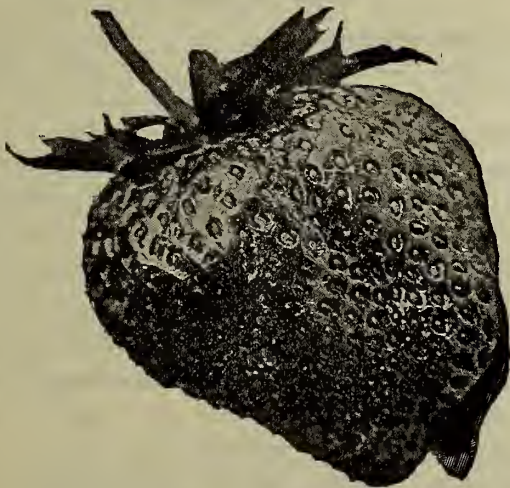
"Auto"

Auto (Perfect). A bush-like plant, which makes but few runners, with many strong fruiting crowns. This makes it admirably suited for hill culture or narrow matted rows. Very productive; extra large, bright red, conical berries of high quality. 60c. per doz.; per 100, \$3.50; \$30.00 per 1000.

Barrymore (Perfect). A healthy, vigorous grower; very productive. The color is glossy rich dark crimson on the surface; the flesh is red and meaty and of excellent flavor. 60c. per doz.; per 100, \$3.50; \$30.00 per 1000.

Brandywine (Perfect). The finest of all mid-season sorts; it has not a single defect. Plants of extra strong constitution and growth, doing well everywhere. Fruit extra large, heart-shaped; color, bright, rich red. 60c. per doz.; per 100, \$3.50; \$30.00 per 1000.

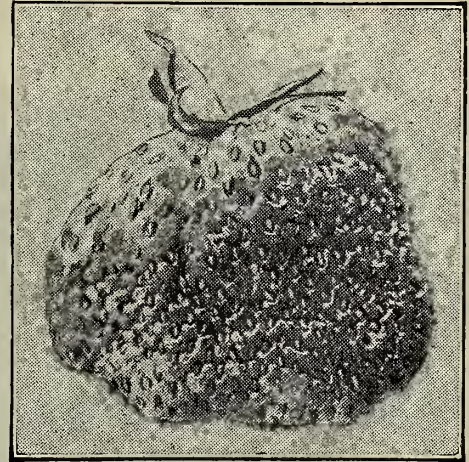
Bubach (Pistillate). One of the best known berries in the Philadelphia markets, growers in this vicinity considering it the most profitable variety and no mistake will be made in planting it extensively for home use; an old favorite. 60c. per doz.; per 100, \$3.50; \$30.00 per 1000.



"First Quality"

First Quality (Perfect. Midseason). The uniformly large size and remarkably large crop of berries of excellent flavor, produced by this variety, make it a great favorite. 60c. per doz.; per 100, \$3.50; \$30.00 per 1000.

Glen Mary (Perfect. Midseason). One of the best of the older varieties, as it still keeps its place among the prominent strawberries. The fruit is very large but rather irregular, somewhat like Sharpless. It is a great drought resister, ripening a full crop of luscious berries in the driest weather. 60c. per doz.; per 100, \$3.50; \$30.00 per 1000.



Heritage (Perfect). This is truly a giant strawberry, it being almost impossible to put a whole berry at a time in one's mouth. It is rather irregularly shaped but of a beautiful crimson color. The plants and foliage are entirely distinct which makes it stand out above all other sorts. 60c. per doz.; per 100, \$3.50; \$30.00 per 1000.

Nick Ohmer (Perfect). M. Crawford, the originator, reports it as follows: "After watching Nick Ohmer for years, and never having received one unfavorable report on it, I am confident that it is one of the most desirable, if not the very best strawberry ever sent out. There is no other in the market, or in sight, that I would plant with so much confidence. If restricted to a single variety, it would be my first choice, without a moment's hesitation." The fruit is of the very largest size—a giant among strawberries. One of the best berries for forcing under glass in winter. Color, a bright red; a heavy cropper. 60c. per doz.; per 100, \$3.50; \$30.00 per 1000.

President (Perfect). A most remarkable variety. For large size, beauty, great productiveness and high quality, united in a single variety, it is without an equal—it is simply superb. The plant is of mammoth size, and with ordinary culture the huge berries are literally heaped along the row. 70c. per doz.; per 100, \$4.00; \$35.00 per 1000.

Rewastico (Perfect). Extra large fruits of a rich red color and delicious flavor; a high-grade berry in every respect. 80c. per doz.; per 100, \$5.00; \$40.00 per 1000.

William Belt (Perfect. Midseason). A grand midseason sort. This variety was introduced some eight or ten years ago, and at the time was lauded very highly and many plants were sold. The superb quality, the equal of which has not yet been attained in any other medium late variety, makes it very popular for the home garden and local market. 60c. per doz.; per 100, \$3.50; \$30.00 per 1000.

NOTE—About October 1st we can furnish layer plants of any of the above varieties at 25c. per doz.; 100, \$1.25; \$7.50 per 1000.

MICHELL'S POT-GROWN STRAWBERRY PLANTS

LATE SEASON VARIETIES

See Special Cultural
Note on Page 2



Gandy

Chesapeake (Perfect). Although not an immense cropper, every blossom makes a well developed and strictly fancy berry of good color. 60c. per doz.; per 100, \$3.50; \$30.00 per 1000.

Gandy (Perfect. Late). This variety is known to most every berry grower as one of the best late sorts. It is very solid and large, and of a beautiful crimson color; especially good for family garden planting. 60c. per doz.; per 100, \$3.50; \$30.00 per 1000.

Sample (Pistillate). This comparatively new and splendid variety has won great popularity. It is one of the best late fruiting pistillate strawberries in cultivation. The plant is a large healthy grower making a great mass of roots, insuring it against both drought and frost. It is a big producer of very large roundish berries, holding up well in size to the end of the strawberry season. The berries are of a rich dark red color clear to the centre and of unsurpassed quality. They are borne on strong stalks and in great profusion. 60c. per doz.; per 100, \$3.50; \$30.00 per 1000.



Stevens' Late Champion

Stevens' Late Champion (Perfect). "Very large, fine flavored, bright color, good shipper, heavy yielder, good fruit stem." This berry has averaged 7,556 quarts per acre, netting \$666.96 per acre. It has been tested on all kinds of soils and will grow successfully where any strawberry will grow. It will stand a drought better than any other berry ever grown in this section. It has never shown any sign of rust. 80c. per doz.; per 100, \$5.00; \$40.00 per 1000.

Sharpless (Perfect). One of the old timers, but with so much merit it is impossible to discard it. While irregular in shape, is very large and a tremendous cropper. Plants are exceedingly vigorous and hardy, enduring both heat and cold without injury. A profitable and reliable variety for either market or home. 60c. per doz.; per 100, \$3.50; \$30.00 per 1000.

NOTE—About October 1st we can furnish layer plants of any of the above varieties at 25c. per doz.; per 100, \$1.25; \$7.50 per 1000.

MICHELL'S AUTUMN FRUITING OR EVERBEARING STRAWBERRY PLANTS (POT GROWN)

PROVIDE AN ABUNDANCE OF RIPE FRUIT UNTIL FROST



"Progressive" Autumn Fruiting Strawberries

This type, while producing its main crop of berries with the general sorts, continues uninterruptedly to mature its fruit, until checked by hard frosts; it has actually been known to bear strawberries until Christmas, when the weather is open and mild. In order to get the greatest crop of berries late, the blossoms should be kept cut off until August 1st, so as to conserve the energies of the plants for the fall crop. Treated in that way, ripe fruit will be borne in about four weeks after that date and continuously until frost. The plants must not be allowed to suffer for water in the fruiting season and the ground should be well enriched. A mulch of well rotted cow manure will be found of great advantage. High cultivation is essential for best results and any special attention that is given this type will be well rewarded with a good crop in September and October.

The two varieties listed below, are best adapted for the American climate and soil conditions.

Progressive. A recent introduction, considered the largest in size and of extreme producing qualities. The plant is of medium size and very resistant to heat. Both blossoms and fruit are well protected by the strong healthy foliage. The fruit is rich and sweet, a deep red inside and out, of good medium size and very firm. 75c. per doz.; per 100, \$4.00.

Superb. Rich dark red of very even rounded form, medium size, early, fine flavor. The plants are very strong with stout fruit-stems, holding fruit well off the ground. A very productive variety and it is not uncommon for a plant to produce from six to twelve well-loaded fruit stalks. 75c. per doz.; 100, \$4.00.

MICHELL'S PURE BONE MEAL

An excellent fertilizer to use when planting strawberries; about a teaspoonful to a plant. 25 lbs., 75c.; \$1.25 per 50 lbs.; 100 lbs., \$2.00; \$3.75 per 200 lbs.

BOOKS ON THE CULTURE OF THE STRAWBERRY AND OTHER FRUITS (Mailed Postpaid)

Strawberry Culture (Fuller)	\$0.25
Berry Book (Biggle's) .....	.50
Fruit Culturist (Thomas)	2.25
Small Fruit Culturist (Fuller)	1.00
Principles of Fruit Growing (Bailey)	1.50
Fruit Garden (Barry's)	1.50

Plants Ship best by Express. No Plants sent C. O. D.

EXTRA STRONG CELERY PLANTS

(READY ABOUT JULY 10)

These plants are grown from our own seed at our "Evergreen" Seed Gardens. We have immense quantities and can fill orders for any number.

A WORD ON CELERY CULTURE.—Celery delights in a good, rich, moist soil. Locations where the soil may become dry should be avoided. Nothing is more beneficial or so little work as the watering of celery during periods of drought. After it has been transplanted and made some growth, the plants should be set in permanent rows 6 to 8 inches apart in the row. Many private gardeners prefer to use the two-row system of trenches; it will be found very advantageous to work. If the idea of the market gardener is carried out, the celery is planted in single rows about 2 feet apart, 6 or 8 inches apart in the row. By the former method the celery is usually banked up to blanch until almost entirely covered with soil; the top is then covered with leaves or other litter as winter approaches. In the single-row system the celery is banked up gradually to blanch, and after this process is over, at the approach of winter it is dug up and laid in shallow trenches after being cleaned. Storing for winter is done by covering it with waterproof celery paper and topping off with soil or leaves. The celery may thus be gotten out for market during the severest weather. Good cultivation is highly necessary during the growing period.

Boston Market. An elegant dwarf sort, a good winter keeper, fine taste, crisp and nutty.

Dwarf Golden Heart. The best of the half-dwarf varieties; stalks large and full; the heart is golden yellow, turning to a light color when blanched.

Far Superior. Our own introduction. Offered by us exclusively in plants. This is the finest winter celery in existence. Rich flavor, very nutty.

French Golden Self-Blanching. An early sort. The heart is a rich golden-yellow, with light yellowish-green outer leaves. 60c. per 100; 500 for \$2.75; \$5.00 per 1000.

Giant Pascal. The best for late winter and early spring use; remaining in condition for use the longest of any.

Turnip Rooted (Celeriac).

Pink Plume. The red sorts surpass the white in flavor, and possess in their coloring a feature which renders them valuable as a table ornament. (Supplied on order only.)

White Plume. The White Plume is unsurpassed for fall and early winter use, requiring very little earthing to blanch it.

Winter Queen. This variety grows a very thick, solid and heavy stalk, and has a large heart. It is a close, compact grower, and when blanched is a creamy-white color.

Prices: (Except where noted), 50c per 100; 500 for \$2.25; \$4.00 per 1000. Parcel Post Weight per 100 plants, packed, 4 lbs.



White Plume Celery

MISCELLANEOUS VEGETABLE PLANTS

(Ready from July 1st to August 15th)

ARTICHOKES

Green Globe or French. Very easily cultivated. Our plants were started very early and are in excellent shape to stay outdoors the coming winter (with protection). \$1.50 per doz. plants; 25 for \$2.50; per 100, \$10.00. (Artichokes cannot be mailed.)

BRUSSELS SPROUTS

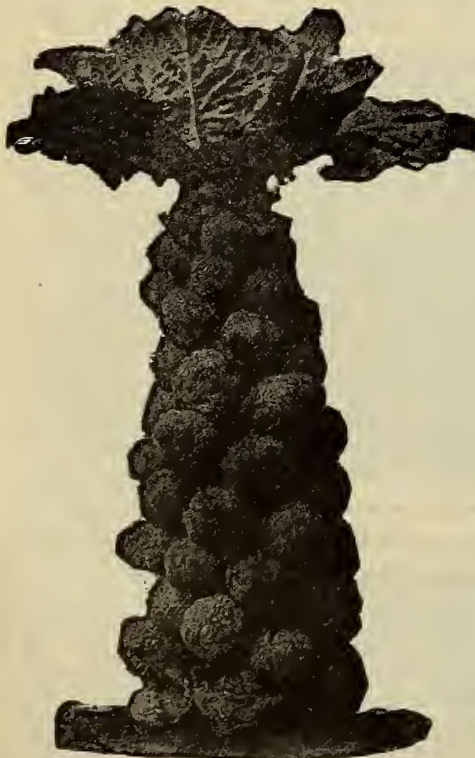
Matchless Improved. The plants should be cultivated and kept free from insects. Pull off the leaf stems as the sprouts begin to appear so they may develop perfectly. 25 for 20c.; 50c. per 100; \$3.50 per 1000. Parcel Post Weight per 100 plants, packed, 2 lbs.

CABBAGE

Late Flat Dutch. A short stemmed, large, flat-head variety; very solid; keeps the entire winter when buried in cellars or pits. 40c. per 100; 500 for \$1.50; \$2.75 per 1000.

Perfection Drumhead Savoy. A very curly, dark-green sort; well flavored. 40c. per 100; 500 for \$1.50; \$2.75 per 1000.

Red Dutch Drumhead. This cabbage is very sweet and should be used more largely. It is an excellent winter keeper. 40c. per 100; 500 for \$1.50; \$2.75 per 1000. Parcel Post Weight per 100 plants, packed, 2 lbs.



Brussels Sprouts



Green Globe Artichoke

Special Note.—Our vegetable plants are usually quite large, and on account of delays frequently experienced with Parcel Post service, we recommend shipping by express, as when sent in that manner we are able to give better value.

CELERY CULTURE FOR PROFIT. A Complete Booklet. Postpaid. 20c.

Michell's Plants for Greenhouse Forcing ⁷



RHODODENDRONS (For Forcing)

Import orders booked till September 1st only.

We have made arrangements with a special grower in Europe to furnish us the following Rhododendrons, for delivery this autumn,—for early spring (1916) and Easter forcing. No import orders booked for less than 1 dozen plants in the aggregate.

Pink Pearl (New). Very distinct variety with pink colored flowers and enormous petals and trusses. Excellent forcing variety.

	Each	Doz.
Plants with 6 buds.....	\$2.50	\$25.00
" " 10 " 	3.50	35.00
" " 15 " 	5.00	50.00

White Pearl. This is a newer variety and an elegant companion to "Pink Pearl." It is pure white, an elegant forcer and produces magnificent trusses of bloom.

	Each	Doz.
Plants with 6 buds.....	\$2.50	\$25.00
" " 10 " 	3.50	35.00
" " 15 " 	5.00	50.00

OTHER NAMED RHODODENDRONS (For Forcing)

Purchasers are kindly requested to leave the selection to us, but to state the colors wanted, as not every variety is suitable for forcing purposes.

	Each	Doz.
Bushy plants, 10 to 12 buds	\$1.25	\$12.50
" " 12 to 16 buds	1.75	17.50
" " 16 buds	2.25	22.50
Specimen Plants	5.00	

LILACS FOR FORCING (Pot-Grown)

Import orders booked till September 1st only.

Chas. X. Large reddish purple with heavy trusses.

Marie Le Grey. Single, pure white, of wonderful fragrance.

Mme. Casimir Perier. Double, pure white, with large individual flowers of exquisite odor; grand for cutting.

President Grevy. Large panicles; double blue flowers; very fine.

Souvenir de Louis Spaeth. Deep purplish-red flowers; in compact trusses.

Price of any of the above pot-grown Lilacs in extra strong fine plants, \$1.00 each; per doz., \$11.00.



AZALEAS

Orders Booked till August 15th Only

These are produced for us by the best grower in Belgium, who personally selects shapely, bushy plants with plenty of buds. Shipment usually arrives the early part of October, and in order to avoid disappointment to customers by either getting their Azaleas in too late or not being able to get them at all, we will book orders to August 15th only.

No import order booked for less than 12 plants of Azaleas in the aggregate. The following varieties are good forcers, splendid bloomers, and favorites in America.

EARLY OR CHRISTMAS VARIETIES

- Simon Mardner.** Large pink.
- Hexe.** Deep crimson.
- Mme. Petrick.** Beautiful rose. Also splendid for Easter forcing.
- Vervaeneana.** Variegated. Best early and late forcer.
- Vervaeneana Alba.** White, splendid forcer.
- Niobe.** Very double; ivory white; perfect form.

LATE OR EASTER VARIETIES

- Madame van der Cruyssen.** Grand variety of a bright pink color.
- Empress of India.** Variegated. Salmon, red and white.
- Schryveriana.** Delicate scarlet with carmine spot, white edges.
- Paul Weber.** Variegated rose.
- John Peeters.** Double, deep carmine.
- Professor Wolters.** Violet with red centre, white edges.
- L. Van Houtte.** Enormous bright rose with crimson spot.
- Sigismund Rucker.** Lilac rose, bordered white.
- Marie Planchon.** Semi-double, snow-white with frilled edges.
- Anna Gunckel.** Pure white, double flowers.
- Chicago.** Large double, deep carmine banded with pure white.

PRICES

12 inch diameter crown.....	each,	\$1.00
13 to 14 inch diameter crown.....	"	1.50
14 to 16 inch diameter crown.....	"	1.75
16 to 18 inch diameter crown.....	"	3.50
18 to 20 inch diameter crown.....	"	5.00

These prices are f. o. b. Philadelphia. No charges for packing, customs duty, etc., which are usually very high.

MICHELL'S PLANTS FOR AUTUMN PLANTING



Carnation Enchantress

FIELD GROWN CARNATION PLANTS

For winter blooming in conservatory and greenhouse. Our carnation plants are grown at our own nurseries, and will give immediate results indoors. Ready about September 1st.

Single plants can be mailed at prices quoted, plus 10c. each for postage.

	Each	Doz.	100
Beacon. Bright red	\$0.25	\$2.50	\$15.00
Benora. Pure white, penciled red .....	.25	2.50	15.00
Christmas Cheer. Poinsettia red (for house pot culture). Fine large specimens.....	.35	3.50	25.00
Enchantress. Soft pink .....	.25	2.50	15.00
Enchantress Supreme. Deep pink .....	.25	2.50	15.00
Eureka. Scarlet; very fine .....	.25	2.50	15.00
Gloria. Silver pink .....	.25	2.50	15.00
Matchless. Pure white .....	.25	2.50	15.00
May Day. Pink .....	.25	2.50	15.00
Philadelphia. Rose pink .....	.25	2.50	15.00
Rosette. Dark pink .....	.25	2.50	15.00
White Enchantress. Pure white .....	.25	2.50	15.00
White Winsor. Pure white .....	.25	2.50	15.00
Winsor. Clear rose .....	.25	2.50	15.00

MISCELLANEOUS SEEDLINGS

Pansy Plants. Michell's Giant Exhibition strain (ready in September). Mixed colors. 50 for 75c.; \$1.00 per 100; per 1000, \$7.50.

Myosotis (*Forget-Me-Not*). Strong seedlings ready in September. 50 for 75c.; \$1.00 per 100; per 1000, \$7.50.

Bellis Perennis (*Double Daisy*). Monstroza strain, white and pink, separate; ready in September. 50 for 75c.; \$1.00 per 100; per 1000, \$7.50.

Not less than 50 seedlings of a kind sold.



Princess of Wales Violet

FIELD GROWN VIOLET CLUMPS

Orders Booked Now

(Ready September 15th)

These extra fine plants will flower freely under glass in winter or in cold frames and outdoors in the early spring. Single plants can be mailed at prices quoted, plus 10c. each for postage.

Double Russian. Deep blue (hardy).

Lady Hume Campbell. Double, light blue.

Luxonne. Large single blue

Princess of Wales. Single blue.

Swanley. Double white.

Prices for any of the above extra large plants, 20c. each (by mail, 30c.); \$1.75 per doz.; per 100, \$12.00.

Our Violets are extra large field grown clumps and are worth many times more than small plants at low prices.

WIRE CARNATION SUPPORTS

	Doz.	100	1000
Mullers Double	\$0.75	\$4.50	\$42.00
Richmond Double, No. 11—29 in......	.65	4.50	42.50
Richmond Single, No. 11—29 in......	.50	3.50	32.00
Model 2 ring .....	.45	3.00	27.50
Model 3 ring .....	.55	3.50	32.50



A Cyclamen Flower

CYCLAMEN PLANTS

Our choice giant flowering strain, produced from our own seeds in our greenhouses. We supply these in white, white and pink eye, crimson, salmon pink and rose.

2½-in. pots (ready now), 20c. each; doz., \$2.00; \$12.50 per 100.

4-in. pots (ready in October), 35c. each; doz., \$3.75; \$27.00 per 100.

BEGONIA, GLOIRE DE LORRAINE

Beautiful rose pink in color, and a very profuse bloomer. As Christmas plants, they are almost indispensable.

2½-inch pots, \$3.00 per doz.; per 100, \$22.50.

4 -inch pots, 75c. each; per doz., \$7.50.

6 -inch pots, specimen plants, \$1.50 each; doz., \$15.00.

HYDRANGEA HORTENSIS

Avalanche. Large head; pure white flowers. Strong 4-in. pot plants, 30c. each; doz., \$3.25. 6-in. pot plants, 50c. each; doz., \$5.00. 11-in. tub specimens, \$2.50 each.

Botaniste Peltreau. Fringed flowers of gigantic size, of a brilliant lavender-pink color. Strong 4-in. pot plants, 30c. each; doz., \$3.25. 6-in. pot plants, 50c. each; doz., \$5.00. 11-in. tub specimens, \$2.50 each.

Bouquet Rose. Very large flower heads of a uniform shape. When first opened the flower is a shade of amber, which later turns to a brighter pink. Strong 4-in. pot plants, 30c. each; doz., \$3.25. 6-in. pot plants, 50c. each; doz., \$5.00. 11-in. tub specimens, \$2.50 each.

E. G. Hill. Considered the best pink, producing enormous flower trusses. Strong 4-in. pot plants, 50c. each; doz., \$5.00. 6-in. pot plants, 75c. each; doz., \$7.50. 11-in. tub specimens, \$2.50 each.

General de Vibraye. One of the very best, with enormous flower heads of a bright rose color. It is quite early, flowering with Madam E. Mouliere to which it is an excellent contrast in color. Extra strong 5-in. pots, 40c. each; doz., \$4.00. 11-in. tub specimens, \$2.50 each.

Madame Maurice Hamar. Large trusses of a delicate flesh-pink shade. Strong 4-in. pot plants, 30c. each; doz., \$3.25. 6-in. pot plants, 50c. each; doz., \$5.00. 11-in. tub specimens, \$2.50 each.

Monsieur G. Renault. Very free flowering type, blooming somewhat earlier than the rest. The flower has a slight reflex of carmine, while the body of the bloom is rich pink. 4-in. pot plants, 40c. each; \$4.00 per doz. Extra strong 6-in. pot plants, 50c. each; per doz., \$5.00. 11-in. tub specimens, \$2.50 each.

Mme. Emile Mouliere. This is the best of the newer kinds, bearing gigantic trusses with immense florets, the latter being often 2 inches in diameter. Pure white, with rich carmine eye. Strong 4-in. pot plants, 30c. each; doz., \$3.25. 6-in. pot plants, 50c. each; doz., \$5.00. 11-in. tub specimens, \$2.50 each.

Radiant. Brilliant rose pink, much brighter and showier than others of the same color. Strong 4-in. pot plants, 30c. each; doz., \$3.25. 5-in. pot plants, 40c. each; doz., \$4.00. 6-in. pot plants, 50c. each; doz., \$5.00. 11-in. tub specimens, \$2.50 each.

Souvenir de Mme. Chautard. Of dwarf, compact habit, with brilliant rose-colored flower trusses. Strong 4-in. pot plants, 30c. each; doz., \$3.25. Extra strong 6-in. pot plants, 50c. each; doz., \$5.00. 11-in. tub specimens, \$2.50 each.

FORCING ROSES

Milady. Large and double and opens perfectly; rich crimson.

Mrs. Geo. Sawyer. Brilliant rose pink, large, well formed, fairly full. Growth is tall and stiff with leathery foliage.

Radiance. Deep cerise pink. Strong in growth and a good producer.

Richmond. Clean and strong grower; free bloomer; color bright rich scarlet.

White Killarney. Like its parent, the Pink Killarney, it has become one of the most popular Roses grown to-day.

Double White Killarney. It is a sport from the White Killarney, with increased petalage, and is pure white in color.

Killarney. The most popular forcing Rose that has ever been introduced and the most profitable Rose ever grown.

Killarney Queen. It is a cerise pink sport of Killarney, exceptionally strong in growth with excellent foliage.

Cecil Brunner. Bright rose pink of polyantha or cluster type; fine for bouquet work.

Price of any of the above roses, as follows:

Pots	Own Root Plants			Grafted Plants		
	Each	Dozen	100	Each	Dozen	100
2¼ inch	\$.20	\$1.50	\$10.00	\$0.30	\$2.25	\$17.50
3 inch	.25	2.00	15.00	.35	3.00	22.50
4 inch	.35	3.00	20.00	.45	4.00	30.00

American Beauty. Cerise pink. Clean, strong stock on their own roots; propagated from two-eye cuttings.

Own Root plants only,
 2¼ inch20c. each; \$1.50 per doz.; \$12.00 per 100
 3 inch25c. each; 2.25 per doz.; 18.00 per 100
 4 inch35c. each; 3.00 per doz.; 25.00 per 100

Sunburst. Orange-copper or golden-yellow; a strong growing variety; foliage and stem are excellent.

Own Root plants only,
 2¼ inch25c. each; \$2.00 per doz.; \$15.00 per 100
 3 inch35c. each; 3.00 per doz.; 20.00 per 100
 4 inch45c. each; 4.00 per doz.; 25.00 per 100

Mrs. Charles Russell. The foliage is heavy and leathery, is almost mildew proof. The bud is fully as large as American Beauty, but longer and pointed; a bright rose pink.

Grafted plants only,
 2¼ inch35c. each; \$3.00 per doz.; \$20.00 per 100
 3 inch45c. each; 4.00 per doz.; 25.00 per 100
 4 inch55c. each; 5.00 per doz.; 30.00 per 100

My Maryland. As a summer forcing Rose, My Maryland reigns supreme. Clear pink in color.

Pots	Own Root Plants			Grafted Plants		
	Each	Dozen	100	Each	Dozen	100
2¼-inch pots	\$.20	\$1.50	\$12.00	\$0.30	\$2.25	\$17.50
3 -inch pots	.30	2.50	18.00	.35	3.00	22.50
4 -inch pots	.35	3.00	25.00	.45	4.00	30.00

Ophelia. Salmon-flesh, shaded rose pink; fine variety.
Willowmere. Long pointed bud, coral carmine color; large full flower, shaded yellow in centre.

Mme. Edmond Rostand. Pale flesh pink; shaded salmon and reddish orange; yellow centre.

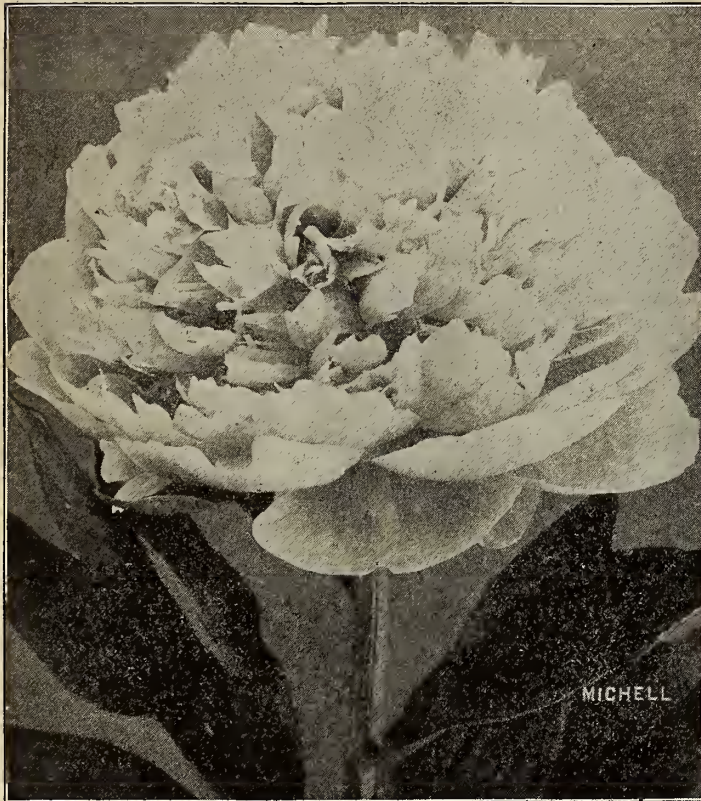
Price of the above three varieties, as follows:

Pots	Own Root Plants			Grafted Plants		
	Each	Dozen	100	Each	Dozen	100
2¼ inch	\$.30	\$2.25	\$17.50	\$0.35	\$3.00	\$22.50
3 inch	.35	3.00	22.50	.45	4.00	27.50
4 inch	.45	4.00	30.00	.55	5.00	35.00

See pages 16 and 17 for outdoor Roses.

10 MICHELL'S GORGEOUS DOUBLE PAEONIES (Roots)

Paeonies, especially the newer varieties, are probably the most valuable of all perennial plants. Planted in the sun or semi-shade, they give a grand display of large fragrant blossoms of brilliant colors during June, followed by their exquisite foliage, which is very ornamental during the summer months. They are most effective for house and table decorations, and last longer in water than many other perennials. No disease or insect rarely trouble the Paeony. The roots are perfectly hardy, and once planted remain for years. *Roots will be ready for delivery in September.*



Paeony Candidissima

PINK VARIETIES

Achille. Beautiful shell-pink, changing to lilac white	Each	Doz.
.....	\$0.25	\$2.50
Beaute Francaise. Lilac-rose, with a cream white collar; centre spotted carmine; very fragrant..	.35	3.50
Berlioz. Perfect form. Large magenta rose color; silver tipped. Late	.35	3.50
Dr. Bretonneau. Lilac rose, with cream white centre, flecked crimson.....	.30	3.00
Carnea Elegans. Of a clear flesh color, glossy reflex. A free bloomer.....	.35	3.50
Charlemagne. Excellent, large flowering variety. Lilac white, with a light pink centre. Fragrant.	.50	5.00
Clarisse. Beautiful rose pink, with silvery pink centre; fine form and habit.....	.25	2.50
Delicatissima. Pale lilac rose, free habit; fragrant	.30	3.00
Duc de Cazes. Bright pink, silvery reflex.....	.25	2.50
Edulis Superba. Beautiful shaped flower of a bright mauve pink color, with narrow edges of lilac	.25	2.50
Eugenie Verdier. Giant globe-shaped flower of a soft pink color. Mid-season.....	.50	5.00
Faust. Delicate flesh pink, with salmon centre...	.25	2.50
Grandiflora Rosea. Full globe-shaped flower, light solferino red petals, salmon centre.....	.30	3.00
L'Indispensable. Perfect shaped flower of a delicate creamy color, beautifully shaded pink in centre. Very striking variety.....	.50	5.00
Mme. Forel. Large compact flowers of a beautiful shade of light pink, with a silvery tipped centre	.50	5.00
Mons. Krelage. Grand flowers of a dark pink color. Large and compact. Very desirable variety	.50	5.00
Marie Lemoine. Very large, compact flower. Delicate white rose, with a creamy centre.....	.50	5.00
Mme. Leonie Calot. Delicate rosy white, centre petals slightly tipped carmine. Mid-season....	.50	5.00

WHITE AND LIGHT SHADES

Agnes Mary Kelway. White tinted rose, cream centre	Each	Doz.
.....	\$0.25	\$2.50
Alba Plena. A giant flower of the purest white..	.25	2.50
Candidissima. Creamy white, sulphur-yellow centre	.30	3.00
Couronne d'Or. Snowy white with yellow reflex and deep pink edges on a few petals.....	.50	5.00
Duc de Wellington. Large, sulphur-white flower of great fragrance and with long stems.....	.35	3.50
Duchesse de Nemours. Pure white, with a sulphur white centre; very early and extra fine.....	.30	3.00
Festiva Maxima. Beautifully shaped flower, often 7 to 8 in. in diameter. Pure white, splashed red	.40	4.00
La Rosiere. Of striking appearance; imbricated petals of yellowish white with straw yellow centre	.35	3.50
Queen Victoria. Pure white; cream centre.....	.35	3.50
Zoe Calot. Pure white; suffused rose.....	.35	3.50

RED AND DARK SHADES

Anemoneflora Rubra. Anemone form, having a broad collar; a beautiful dark crimson.....	.30	3.00
Delachi. Large flowers of a deep purple color....	.30	3.00
Felix Crousse. Large bright red flowers.....	.50	5.00
General MacMahon. Large anemone-shaped flower of a deep violet color. Magnificent variety....	.50	5.00
L'Eclatante. Brilliant red.....	.30	3.00
Louis Van Houtte. Crimson maroon.....	.30	3.00
Meissonier. Loose reddish purple flowers on tall stems. Very fragrant. Very good variety.....	.35	3.50
Victor Hugo. Brilliant carmine red.....	.50	5.00

PAEONY CHINENSIS

This is the common garden variety in cultivation most everywhere.

	Each	Doz.	100
Double Red. Large roots	\$0.25	\$2.50	\$15.00
Double White. Large roots	.25	2.50	15.00
Double Pink. Large roots	.25	2.50	15.00

PAEONY OFFICINALIS (The Old Fashioned Paeony)

Fragrant flowers of immense size, flowering early in May and having a distinct foliage and growth.

	Each	Doz.	100
Rosea. Double pink	\$0.30	\$3.00	\$20.00
Rubra. Double red	.30	3.00	20.00
Alba. Double white	.30	3.00	20.00

One each of the above 3 colors for 75c.

DOUBLE TREE PAEONIES

These very beautiful and free-flowering paeonies are from 2 to 3 weeks earlier than any other variety and the flowers, often measuring a foot in diameter, include every shade from white and softest pink to the most brilliant scarlet and purple.

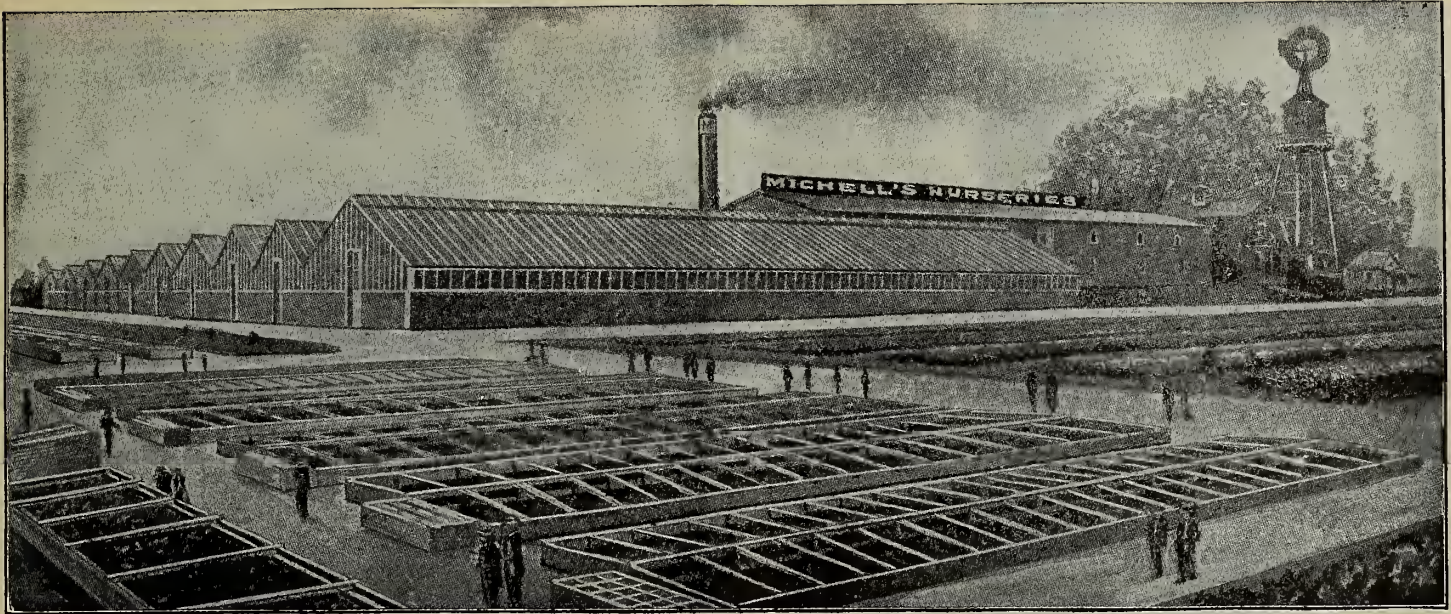
Abraham Lincoln. Deep velvety amaranth; very double.
Confucius. A beautiful shade of purplish scarlet, single.
Jeanne d'Arc. Very large, salmon rose with dark centre, single.
Bijou de Chusan. Pure white, yellow centre, semi-double.
Etna. Brilliant fiery red.
Lambertiana. Pure white, suffused with delicate rose.
Louise Mouchelet. Beautiful silvery rose; extra large flower.
Queen of Belgiums. Blush shaded salmon rose. Splendid sort.
Beauty de Cologne. Salmon rose, suffused flesh colored.
Rosea Superba. Salmon rose; semi-double. Beautiful.

Any of the above varieties; extra strong plants, \$1.00 each; per doz., \$11.00; (or 1 of each for \$9.00).

PAEONIA TENUIFOLIA Flore Plena

An early flowering specie with fern-like foliage and double deep crimson flowers, a shade like the Jacq Rose. Excellent for massing or planting individually in the herbaceous border, blooming very early in May, sometimes latter part of April. Each, 25c.; per doz., \$2.50; \$20.00 per 100.

Paeony Culture is fully covered by Michell's Bulb Growing Guide. Ask for a free copy.



Partial View of Greenhouses and Frame Yard—Michell's Plant Establishment, Andalusia, Pa.

MICHELL'S HARDY PERENNIAL PLANTS

It is not at all surprising that these grand old-fashioned garden flowers are to-day enjoying the greatest popularity, because there is not a time during the whole flower season in which some hardy perennial is not in bloom. Our stock is principally established in pots, which enables it to be shipped and transplanted at any season. As our spring trade for this stock was exceptionally heavy, we will not have a complete assortment until September and October. All varieties mentioned in this list are ready for delivery now. Summer and autumn planting frequently means a year's difference in results obtained the following spring, and they are usually more gratifying than from spring set plants. For full description see our Spring Catalogue, a copy of which can be had on application.

Achillea (Sneezewort)

A graceful plant with finely cut foliage. Flowers are fine for cutting; flowering the entire summer.

Boule de Neige (*Ball of Snow*). An improvement on *The Pearl*; flower pure white; 2½ feet high.

Millefolium Cerise Queen. Rich amaranth. An attractive combination when massed with the white variety; 18 inches high; red.

Ptarmica Plena, The Pearl. Flowers the entire summer on strong, erect stems 2 feet high; of the purest white.

Price of any of the above, 15c. each; doz., \$1.50; \$10.00 per 100.

Aconitum (Monkshood or Helmet Flower)

Bushy plants, blooming in clusters of beautiful helmet-shaped flowers from late summer till frost. Well adapted for shade.

Autumnale. Deep purplish blue, flowers in September; 3 feet.

Fischeri. Grows 18 inches high, yielding pale blue flowers.

Napellus. Large flowers, dark blue; August and September; 3 to 4 feet.

Napellus Albus. A white flowered form of the above; 3 to 4 feet.

Napellus Bicolor. Dark blue and white flowers; flowers 3 to 4 feet.

Spark's Variety. The darkest blue of all; 5 to 6 feet.

Stroekianum. July and August. Rich blue; magnificent flower spikes; 4 feet.

Wilsoni. A variety from Northern China, growing 6 feet high; pale violet blue; flowers in September.

Price of Aconitums, 25c. each; doz., \$2.50; \$15.00 per 100.

Anemone Japonica (Windflower)

As a last greeting of autumn these gay flowers appear in wondrous brilliancy and produce a wealth of bloom just before nature clothes the earth with a mantle of frost.

Alba. Large pure white; 3 to 4 feet tall.

Rubra. Rich rosy red, 3 to 4 feet.

Whirlwind. Large semi-double, pure white.

Price of Anemones, 15c. each; doz., \$1.50; \$10.00 per 100.

Anthemis (Marguerite)

Tinctoria. One of the most satisfactory perennials. Grows well in any soil; large daisy-like golden yellow flowers. 15c. each; doz., \$1.50; \$10.00 per 100.

Aquilegia

For spring flowers these are invaluable, producing their graceful spurred flowers on stems rising 2 feet over their elegant foliage during May and June. For rocky gardens, semi-shaded places, in hardy borders or planted in clumps, they look effective, a variety of them making a beautiful attraction.

Canadensis. Bright red and yellow.

Rose Queen. A newer variety of a pleasing shade of delicate pink, long spurred flowers.

Erskine Park Hybrids (Mixed Colors). A grand mixture of finest varieties, including every color in Columbines.

Price of Aquilegias, 15c. each; doz., \$1.50; \$10.00 per 100.

Artemisia

Abrotanum (*Old Man*). Dark green foliage.

Pedemontana. Silvery foliage.

Stellariana (*Old Woman*). Silvery foliage.

Price of Artemisia, 15c. each; doz., \$1.50; \$10.00 per 100.

Asclepias (Butterfly Weed)

Tuberosa. A showy plant, 2 feet high, with large heads or clusters of orange flowers blooming in July and August. The bright color is quite a contrast to white and other flowers when planted in the hardy border; fine for cutting. 15c. each; doz., \$1.50; \$10.00 per 100.

Hardy Aster (Michaelmas Daisy)

Amellus, Perry's Pink. A pleasing bright pink; one of the best in this color; September. 25c. each; doz., \$2.50.

Feltham Blue. One of the most decorative blue varieties; 2½ feet. 25c. each; doz., \$2.50.

Robert Parker. Fine lavender blue, with yellow centre; very tall; September.

White Queen. Pure white; 4 feet; September-October.

Price of the above Asters (except where noted), 15c. each; doz., \$1.50; \$10.00 per 100.

SPECIAL NOTICE—We have just compiled, at great expense, a publication entitled "**Hardy Perennials, And How to Grow Them.**" A copy is yours for the asking.



Campanula Pyramidalis

Astilbe

Vigorous growing plants with feathered flower heads. They thrive best in a half shaded position.

Arendsii Venus. Charming new variety, with brilliant purplish-pink flower heads; 2½ to 3 feet high; blooms in June and July. 35c. each; doz., \$3.50; \$22.50 per 100.

Arendsii Juno. Vigorous grower, with plumes of a deep violet color. 35c. each; doz., \$3.50; \$22.50 per 100.

Grandis. New introduction of great merit; the panicles of white flowers are frequently 2½ feet long; very attractive; fine foliage; blooms July-August. 25c. each; doz., \$2.50; \$15.00 per 100.

Aubrietia (Wall Cress)

A suitable plant for rock gardens; the broad mass of light green foliage is covered with a sheen of flowers in spring and summer; 6 inches high.

Bougainvillei. Very showy, purple flowers.

Graeca. Deep purple flowers.

Leichtlini. Bright reddish crimson.

Price of the above, 15c. each; doz., \$1.50; \$10.00 per 100.

Baptisia (False Indigo)

Australis. A robust growing plant, suitable for the border or wild garden. Foliage is dark green, deeply cut; the flowers are dark blue, borne on spikes, in June and July; 2 feet high. 15c. each; doz., \$1.50; \$10.00 per 100.

Boltonia (False Chamomile)

Tall-growing, showy plants, with hardy aster-like flowers appearing in September; 5 to 7 feet.

Asteroides. Pure white; 5 to 6 feet.

Latisquama. Pink, tinted lavender; 6 ft.

Latisquama Nana. Pink, tinted lavender; 2 feet high.

The above, 15c. each; doz., \$1.50; \$10.00 per 100.

Calimeris (Starwort)

Incisa. Attractive border plant, growing from 1 to 1½ foot high. The daisylike flowers are of a delicate lavender shade, with a yellow centre; blooms from July to September. 25c. each; doz., \$2.50; \$15.00 per 100.

Campanula (Bell Flower)

Pyramidalis (Chimney Bell Flower). A striking variety, pyramidal-shaped plant; the stalk, 4 to 6 feet high, is completely covered with flowers in June and July. *Blue* and *White*, each separate. 25c. each; doz., \$2.50; \$15.00 per 100.

Trachelium (Coventry Bells). Purple flowers; June and July; 3 feet high. 15c. each; doz., \$1.50; \$10.00 per 100.

Catananche (Cupid's Dart)

The flowers, which are splendid for cutting, resemble somewhat the Cornflower, blooming during July and August. **Bicolor.** Blue and white; 2 feet high.

Coerulea. Bright blue; 2 feet. The above, 15c. each; doz., \$1.50; \$10.00 per 100.

Cedronella (Balm of Gilead)

Cana. Long spikes of purple, salvia-like flowers, with highly scented foliage; 2½ feet high; July to September. 15c. each; doz., \$1.50; \$10.00 per 100.

Cimicifuga (Snake Root)

Racemosa. Tall growing plant, 4 to 6 feet high, well suited for borders or naturalizing at the edge of woods; flowers pure white; July and August. 25c. each; doz., \$2.50; \$15.00 per 100.

Dianthus (Garden Pinks)

These occupy a unique place in every perennial collection. They are brilliantly colored flowers, which appear in great numbers on the plant, and have a rich clove scent. For table bowls, as a cut flower, they are much in use. For edging hardy borders, garden walks, or planted in rock gardens, they fill an important place. The plants increase yearly in size and beauty. They are at their height of bloom in June.

Deltioides (Maiden Pink). A continuous flowering variety with pink flowers. Especially suited for rock work. 15c. each; doz., \$1.50; \$10.00 per 100.

Dictamnus (Gas Plant)

One of the hardest of all perennials, which often will last for a generation and longer. The foliage is fragrant, while the spikes of rather oddly shaped flowers emit a luminous vapor, which is said to be inflammable. Height about 2 feet, flowering in June and July.

Caucasicus. Gigantic rose-pink flowers. 25c. each; doz., \$2.50.

Fraxinella. Rose pink flowers with dark veins.

Fraxinella Alba. Pure white.

Each of the above (except where noted), 15c. each; doz., \$1.50; \$10.00 per 100.

Echinops (Globe Thistle)

The flower heads are globe shaped, of a thistle-like nature. When cut it remains in a preserved state for a long while. Flowers from July to September.

Ruthenicus. Solid round heads of lovely blue; 3 feet.

Sphaerocephalus. White; 5 to 6 feet tall. Price of the above Echinops, 25c. each; doz., \$2.50; \$15.00 per 100.

Edelweiss (Gnaphalium)

This is the favorite Alpine plant of the Swiss Mountains, and is found growing in abundance everywhere on the Alps. The plant is a dwarf, about 4 inches high, with gray foliage, which lies close to the ground, is surmounted with stalks of grayish white, fuzzy flowers of a trilobed appearance. The flowers may be cut as an everlasting, and they will keep indefinitely. This is a splendid plant for a rock garden. 25c. each; doz., \$2.50; \$15.00 per 100.

Erigeron (Flea Bane)

Grandiflorus Elatior. Bluish lilac, with yellow disc; 18 inches.

Glabellus. Light blue; 15 to 18 in. long.

Erinus

Alpinus Carmineus. A charming plant for rockeries or walks; rose colored. 25c. each; doz., \$2.50.

Eryngium (Sea Holly)

An ornamental plant, 2 to 3 feet high. Especially valuable for shaded locations or wild garden effects. The flower may be cut and dried for winter bouquets; July-September.

Planum. Light blue. 25c. each; doz., \$2.50; \$15.00 per 100.

Eupatorium

This is an effective plant, which produces fuzz-like flower heads, much resembling Ageratum. Appearing from August till frost. It is fine for cutting.

Ageratoides (White Snakeroot). Pure white, 3 to 5 feet, flowering in August and September; a fine native plant.

Coelestinum. Light blue, flowering in August; 18 to 24 inches. The above 15c. each; doz., \$1.50; \$10.00 per 100.

Galega (Goat's Rue)

The flowers, which resemble a pea blossom, are borne on long racemes in great abundance. It flowers from July until September, with an average height of about 2 feet.

Hartlandii. The best of the Galegas. Large, handsome blue and white flowers and variegated foliage. 15c. each; doz., \$1.50; \$10.00 per 100.

Geum (Avens)

Bright, showy flowers, which appear in great abundance in the early summer and fall, growing about 18 inches high. Attractive in border plantings.

Coccineum. Brilliant rich scarlet. 15c. each; doz., \$1.50; \$10.00 per 100.

Mrs. Bradshaw (New). Double, bright scarlet; 18 inches. 25c. each; doz., \$2.50; \$15.00 per 100.



Hemerocallis

Gillenia (Bowman's Root)

Trifoliata. A spiraea-like plant with graceful foliage and rosy white blooms; 2 feet; July-August. 25c. each; doz., \$2.50; \$15.00 per 100.

Gypsophila (Baby's Breath)

During August and September it is a mass of delicate flowers. These may be used as fresh cut flowers, also for a semi-everlasting effect. They keep perfectly for months without water. It is conceded to be the most graceful of our perennial plants.

Cerastioides. White flowers, marked pink; 3 inches. 15c. each; doz., \$1.50; \$10.00 per 100.

Paniculata. Loose and feathery sprays of white flowers; useful for mist-like effects in bouquets. 15c. each; doz., \$1.50; \$10.00 per 100.

Paniculata Flore Pleno. This handsome variety produces pretty double pure white flowers. Splendid for bouquets. 25c. each; doz., \$2.50; \$15.00 per 100.

Helenium (Sneezewort)

These desirable perennials succeed in almost any soil in a sunny location. The flowers are splendid for cutting.

Autumnale Rubrum. Bright terra-cotta red; 5 feet. 25c. each; doz., \$2.50; \$15.00 per 100.

Autumnale Superbum. Massive spreading heads of deep golden yellow flowers; flowers in late summer and autumn; 5 feet high.

Cupreum. Orange crimson; 2 feet.

Grandicephalum Striatum. Deep yellow flowers striped and splashed crimson; July and August; 5 feet high.

Hoopesi. Orange yellow; large flowers; June and July.

Pumilum Magnificum. Golden yellow, with large and perfectly formed flowers; very free; July and August; 18 in.

Riverton Beauty. Rich lemon-yellow with dark purple cone; 4 feet; August. 25c. each; doz., \$2.50; \$15.00 per 100.

Price of Heleniums (except where noted), 15c. each; doz., \$1.50; \$10.00 per 100.

Helianthus (Hardy Sunflower)
Multiflorus flore pleno. Large, double, golden yellow flowers, resembling a Dahlia; 4 feet high; July and August. 15c. each; doz., \$1.50; \$10.00 per 100.

Heliopsis (Orange Sunflower)
Pitcheriana. Very similar to a small sunflower, but flowering earlier; deep golden yellow. June till frost; 3 feet. 15c. each; doz., \$1.50; \$10.00 per 100.

Hemerocallis (Yellow Day Lily)
Lily-like plant, which flowers in greatest profusion during the summer.

Dr. Regal. One of the finest of the late flowering sorts, producing beautiful rich apricot-colored flowers; 2½ feet. 25c. each; doz., \$2.50; \$15.00 per 100.

Dumortieri. Very dwarf, flowering in June; earlier than most other sorts of the better class. Rich yellow flowers, bronze shaded on the back of petals. 20c. each; doz., \$2.00; \$12.50 per 100.

Flava. Light yellow flowers, very fragrant; June and July; 3 feet. 15c. each; doz., \$1.50; \$10.00 per 100.

Fulva. Trumpet-shaped flowers, orange colored shaded darker, blooms in June and July; 4 to 5 feet. 15c. each; doz., \$1.50; \$10.00 per 100.

Kwanso Flore Pleno (Double). Coppery red; July; 3 feet high. 15c. each; doz., \$1.50; \$10.00 per 100.

Hesperis (Rocket)

Matronalis. Bushy plants; 3 to 4 feet high, with showy spikes of pink flowers during June and July. 15c. each; doz., \$1.50; \$10.00 per 100.

Hepatica (Liver Leaf)

Triloba. An interesting spring-flowering plant, with pretty foliage and flowers of a lovely shade of blue. 15c. each; doz., \$1.50; \$10.00 per 100.

Heuchera (Alum Root)

Desirable dwarf plant of easy culture. Foliage remains close to the ground. During July and August graceful flower-spikes, 2 feet high, appear in profusion.

Rosea. Light rose; 2 feet.

Sanguinea. Bright scarlet.

Sanguinea Alba. Creamy white; 2 feet. Price of any of the above, 20c. each; doz., \$2.00; \$12.50 per 100.

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. Pure white flowers. 15c. each; doz., \$1.50; \$10.00 per 100.

Inula (Flea Bane)

Ensifolia. Dwarf, excellent for borders. Golden yellow; July and August. 15c. each; doz., \$1.50; \$10.00 per 100.

Lavendula (Lavender)

Vera. Fine border plant. 10c. each; doz., \$1.00; \$7.00 per 100.

Lobelia

Cardinalis (Cardinal Flower). Makes a most delightful showing if planted in front of shrubbery or in the herbaceous border, flowers are a vivid crimson on spikes from 2 to 4 feet high, flowering July and August.

Syphilitica Hybrida. A splendid mixture; 2 feet. July and August.

Either of the above Lobelias, 15c. each; doz., \$1.50; \$10.00 per 100.

Lythrum (Loose Strife)

Succeeds in most any locality. It is a rank grower, throwing out flower spikes which are 3 to 4 feet high; flowering from July until September.

Roseum Superbum. Rich rose pink.

Rose Queen. An improvement on the Roseum Superbum, with much larger flowers.

Brightness. A splendid new variety, producing throughout the summer tall erect spikes of brightest pink flowers; 5 feet high. 35c. each; doz., \$3.50; \$25.00 per 100.

Price of any of the above Lythrum, except where noted, 15c. each; doz., \$1.50; \$10.00 per 100.

Monarda (Bergamot)

Fistulosa Alba (White Bergamot). An extremely showy plant with white flower heads, 2 to 3 feet high; July and August. Price of the above, 15c. each; doz., \$1.50; \$10.00 per 100.

Oenothera (Evening Primrose)

After the sun begins to sink and many other perennials close their flowers for the day, the Oenothera is in its glory. Commences flowering in June and lasts throughout the season. The plants are about 10 inches high, and suitable for either border or rock garden work.

Eldorado. Double golden yellow.

Fraseri. Deep yellow; 18 inches high.

Speciosa. Pure white; 18 inches high.

Youngi. Rich lemon yellow.

Price of any of the Oenothera, 15c. each; doz., \$1.50; \$10.00 per 100.

Onopordon (Cotton Thistle)

Tauricum. A stately plant, with silvery leaves; these, as well as the stems, being covered with white fuzzy flowers which resemble a majestic Scotch Thistle. Blooms in June and July; 5 feet. 25c. each; doz., \$2.50; 100, \$15.00.

Orobus (Bitter Vetch)

This class of plants succeeds in almost any location or soil. Excellent for borders or rockeries, flowers May and June.

Lathyroides. Pea-shaped blue flowers, 1 foot high.

Superbus. Purple flowering; 1 foot high.

Vernus. Deep purple, pea-shaped; 1 ft.

Price of any of the above, 25c. each; doz., \$2.50; \$15.00 per 100.

Pentstemon (Beard Tongue)

An odd-shaped flower, borne on stalks about 2 feet high. It somewhat resembles the Gloxinia, but is longer and narrower. Starts to flower in early summer and lasts until the frost will strike it down. It makes a brilliant show in the hardy border, also in rock gardens.

Barbatus Torreyi. Brilliant scarlet.

Digitalis. Purplish white flowers with dark purple throat.

Glaber Hybrids. Mixed colors; 2 feet.

Sensation. A splendid mixture of different shades; 2½ feet high.

Ovatus. Bright blue, shaded purple; 2 ft. Price of the above, 15c. each; doz., \$1.50; \$10.00 per 100.

Physalis (Lantern Plant)

Alkekengi. Ornamental variety of the Ground or Winter Cherry. The lantern-like, orange-red fruits are highly interesting; 2 feet high.

Francheti. Similar to the above, except the fruits have a more brilliant color. Price of Physalis, 15c. each; doz., \$1.50; \$10.00 per 100.

Physostegia (False Dragon Head)

Attractive perennial, blooming usually the latter part of July and August. Grows from 3 to 4 feet high, throwing up spikes decked with delicate tube-shaped flowers, somewhat resembling a large-flowering heather.

Virginica. Delicate soft pink.

Virginica Alba. Pure white; very striking.

Speciosa. Delicate pink.

Price of either of the above *Physostegia*, 15c. each; doz., \$1.50; \$10.00 per 100.

Platycodon (Japanese Bell Flower)

Very useful for cutting, and with a very long flowering season, lasting from June until October. Height, 2 to 3 feet.

Grandiflorum. Beautiful blue; very handsome.

Grandiflorum Album. Identical with the above, except the color, which is pure white.

Price of either of the above, 15c. each; doz., \$1.50; \$10.00 per 100.

Polemonium (Jacob's Ladder)

Handsome border plants, about 1 foot high, succeeding best in a semi-shaded location. The flowers, which appear from June to September, are very showy.

Richardsoni. Sky blue with golden anthers.

Richardsoni Alba. A white form of the above.

Price of the above, 15c. each; doz., \$1.50; \$10.00 per 100.

Iceland Poppies

The graceful foliage is surmounted with a mass of stems a foot high, which terminate in a beautiful cup-shaped flower. They flower continuously the entire summer.

Orange King (Orange Yellow).

White.

Yellow.

Mixed Colors.

Any of the above, 15c. each; doz., \$1.50; \$10.00 per 100.

Prunella

Incisa. Dwarf growing plant, suitable for shady places and rockery work. Blooms continuously all summer. Rosy purple flowers. 25c. each; doz., \$2.50; \$15.00 per 100.

Primula (Hardy Primrose)

One of the first of the early spring flowers which delight in a rich soil, preferably in a semi-shaded location. Some of the varieties are richly colored, and, generally speaking, as a perennial 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.

Auricula. A mixture of brilliant shades of red and yellow, of seed saved from the finest strains. 25c. each; doz., \$2.50; \$15.00 per 100.

Polyanthus. Velvety red, edged golden yellow. 15c. each; doz., \$1.50; \$10.00 per 100.

Veris (*English Cowslip*). A mixture, covering various shades of red and yellow. 10c. each; doz., \$1.00; \$7.50 per 100.

Rosemary

Officinalis. 10c. each; doz., \$1.00; \$7.50 per 100.

Rudbeckia (Cone Flower)

A variety of these will furnish a supply of cut flowers from early July until September. They could be termed "a city garden perennial," doing so well with little attention.

Golden Glow. Double canary yellow; 6 feet; flowers in August.

Newmanni. Single dark orange with deep purple cone centre; 3 feet high; flowers from July to September.

Price of *Rudbeckias*, 15c. each; doz., \$1.50; \$10.00 per 100.

Salvia

The hardy varieties of this plant are coming into great favor by reason of their beauty and freedom of bloom during the summer.

Uliginosa. A beautiful, late flowering species of an attractive shade of blue with a distinct white eye. The plant is of upright habit, branching, and with us grows about 5 feet high. It blooms freely and flowers practically at every axil. All who have seen it, at our nursery during the summer and autumn, were impressed with its unique and distinct beauty. Strong plants, 50c. each; doz., \$5.00.

Saponaria (Soap Wort)

Caucasica. Double white, tinted rose, flowering all summer; 15 inches high.

Ocymoides. A splendid plant for rock work, growing only 9 in. high. Covered through the whole summer with masses of small, brilliant pink flowers. Either of the above, 15c. each; doz., \$1.50; \$10.00 per 100.

Scutellaria

Coelestinum. A dwarf spreading Alpine plant with bright blue flowers. Splendid for rockeries. July-August. 15c. each; doz., \$1.50; \$10.00 per 100.

Senecio

Clivorum. A splendid plant from China, forming a mass of large green foliage and loose branching heads of bright yellow flowers; it produces a bold effect and is particularly suited for low, damp locations. Strong plants. 25c. each; doz., \$2.50; \$15.00 per 100.

Sedum (Stonecrop)

Acre. The foliage of this is a distinct attraction in itself, being of a yellowish green shade; for covering rockeries, in borders or beds on cemetery lots it is indispensable. The flower, which appears in July, is bright yellow and lasts on the plant a long while; height, 6 inches.

Album. Green foliage, white flowers; height, 6 inches.

Sieboldii. Roundish foliage, with a blue cast, the flowers, which appear in August and September, are bright pink.

Spectabilis. This variety grows about 18 inches and flowers in June, foliage light green, immense heads of pink flowers.

Spectabilis Brilliant. One of the prettiest tall growing species, reaching a height of about 18 inches; broad light green foliage and richly colored flowers of amaranth red. September-October. 25c. each; doz., \$2.50; \$15.00 per 100.

Price of any of the above except where noted, 15c. each; \$1.50 per doz.; per 100, \$10.00.

Shasta Daisy

The glistening white flowers, often 5 inches in diameter, with an attractive yellow centre, begin to appear the latter part of July and last almost till snow-time. The flower stems are long and rigid, for cutting there are few perennials that approach it as regards keeping qualities.

Alaska. Pure white, yellow centre. 25c. each; doz., \$2.50; \$15.00 per 100.

Silene (Catchfly)

Charming dwarf alpine plants, in bloom from spring until fall.

Alpestris. Star-shaped white flowers; 6 inches high.

Asteria Grandiflora. Bright red.

Schafta. Rosy purple.

Price of *Silenes*, 15c. each; doz., \$1.50; \$10.50 per 100.

Solidago (Golden Rod)

Altissima. The finest of the Golden Rods, growing 4 to 5 feet high, with stately panicles of bright golden yellow flowers from July to September.

Canadensis. Our native Golden Rod; deep yellow flowers in August and September; 4 feet.

Either of the above, 15c. each; doz., \$1.50; \$10.00 per 100.

Stokesia (Corn Flower Aster)

The flower has the appearance combining a giant cornflower and an aster. Plants are 18 inches high, blooming from June until frost. Frequently flowers are 4 inches in diameter; highly recommended for cutting.

Cyanea. Very light blue.

Cyanea Alba. Pure white.

Price of the above, 15c. each; doz., \$1.50; \$10.00 per 100.

Statice (Sea Lavender)

This may be classed among the everlasting flowers, as it is principally grown for dried winter bouquets. The foliage is heavy, out of which rise large panicles made up of tiny florets, which produce a fine effect. Blooms usually from June till October.

Gmelini. Immense panicles of flowers of a delicate light blue color; 15 inches high. July to October.

Latifolia. Dark blue flowers.

Eximia. Lilac flowers; 15 to 18 inches.

Tartarica. Deep lilac flowers; 15 to 18 inches high.

Price of the above, 15c. each; doz., \$1.50; \$10.00 per 100.

Trillium (Wood Lily)

Excellent for shaded positions, flowering very early in spring.

Grandiflorum. White. 10c. each; doz., \$1.00; \$6.50 per 100.

Thalictrum (Meadow Rue)

Adiantifolium. Foliage resembles Maiden Hair Fern; flowers white; June-July; 12 inches.

Aquilegiafolium Atropurpureum. Rosy purple flowers; 3 feet.

Aquilegiafolium Album. A white-flowered variety of the above.

Flavum. Rich yellow; 2 feet.

Price of *Thalictrums*, 20c. each; doz., \$2.00; \$15.00 per 100.

Valeriana (Spurred Flower)

Coccinea. Showy heads of red flowers, in bloom all summer; 2 feet.

Coccinea Alba. A white form of above.

Price of any of the above, 15c. each; doz., \$1.50; \$10.00 per 100.

MICHELL'S HARDY CLIMBING PLANTS, VINES, Etc. 15

FINE POT-GROWN STOCK FOR SUMMER AND AUTUMN PLANTING



Bignonia Grandiflora

CLEMATIS

Flammula (*Fragrant Virgin's Bower*). White flowers, a trifle smaller than above; fragrant, blooms June and July. Extra strong plants, 40c. each; doz., \$4.00.

Paniculata (*Japanese Virgin's Bower*). A strong luxuriant grower, with light green foliage. At the close of August innumerable star-like flowers cover the vine in a sheet of fragrant white. Strong plants, 25c. each; doz., \$2.50; \$15.00 per 100. Extra strong plants, 50c. each; doz., \$5.00; \$35.00 per 100.

ACTINIDIA (Hardy)

Arguta (*Silver Vine*). An introduction from China which in this country is grown principally for the dense shading foliage, which is very dark green, heart shaped. Fine for covering tree trunks, arbors, etc. Strong plants, 50c. each; doz., \$5.00. Extra strong plants, 75c. each; doz., \$7.50.

AKEBIA (Hardy)

Quinata. Quick-growing vine; small, fine-lobed, half-ever-green leaves, and purplish brown or chocolate-colored flowers, which have a delicious odor. This plant is highly desirable where a dense shade is not desired. Extra strong plants, 25c. each; doz., \$2.50; 100, \$15.00.

AMPELOPSIS (Hardy)

Humilifolia. A distinct species; dark glossy green foliage. In the early autumn the vine is loaded with round berries, which go through various shades of color, finally turning deep blue. This variety is very hardy. Strong plants, 75c. each; doz., \$8.00.

AMPELOPSIS (Hardy) Continued

Lowii (*New Japanese Ivy*). Conceded to be a great improvement over Veitchii. It possesses every one of the merits of the latter and resembles it in many ways, except that the foliage is smaller and more finely divided. It clings to the smoothest surfaces on its own accord. Grows very rapidly, having foliage of a light green shade. In the autumn it changes to bright scarlet. Extra strong plants, 40c. each; per doz., \$4.50; \$35.00 per 100.

Veitchii (*Boston Ivy*). The popular climber for brick and stone buildings and walls. The leaves are a beautiful deep green, which in the autumn turn to a coppery red. Strong plants, 25c. each; per doz., \$2.50; \$17.50 per 100.

ARISTOLOCHIA (Hardy)

Sipho (*Dutchman's Pipe*). Handsome light green leaves, giving a quick, dense shade. The brown flowers are shaped like the bowl of a pipe. The vine retains its color throughout the entire summer. Large plants, 50c. each; doz., \$5.00.

BIGNONIA (Trumpet Vine) Hardy

These are strong-growing vines, with rich green foliage and trumpet-shaped flowers.

Grandiflora. Large flowering, bright orange-red. Strong plants, 50c. each; doz., \$5.00.

LATHYRUS (Hardy Sweet Pea)

This makes an elegant show, planted against trellis, lattice or individual posts. It is one of the very few vines which produces flower for cutting.

Latifolius Pink Beauty. Brilliant rose.

Latifolius Albus. Pure white.

Extra strong plants of the above, 15c. each; doz., \$1.50.

BOXWOOD (Untrimmed)

These are fine for planting out as individual specimens in the lawn or along paths and drives. Also splendid for hedge effects or for porch or window boxes.

Bush Shaped Untrimmed Boxwood.

10 inches high, 40c. each; dozen, \$4.00.

12 inches high, 50c. each; dozen, \$5.00.

15 inches high, 75c. each; dozen, \$7.50.

18 inches high, \$1.00 each; dozen, \$10.00.

24 inches high, \$1.75 each; dozen, \$18.00.



Untrimmed Boxwood

TRELLIS WORK FOR CLIMBING VINES OF ALL KINDS

On page 51 we list a full line of wood and wire trellis, stock sizes. Arches and upright Wire Works are supplied to order promptly.

GALVANIZED WIRE ARCHES

These can be furnished on short notice any height or any width. Made of extra heavy galvanized diamond mesh wire with strong frames to prevent sagging.

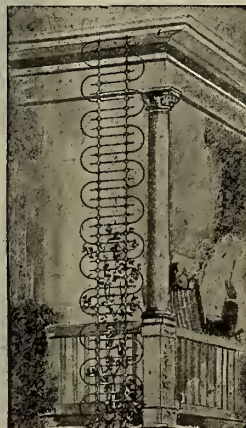
Price 25c. per square foot.



CONTINUOUS WIRE TRELLIS

Excellent for training vines of all kinds up porches, verandas, pergolas, etc. Thoroughly galvanized and well made.

Any length desired up to 150 running feet. 13 in. wide. Less than 150 ft. rolls, 12c. per ft. 13 in. wide, in roll lots, 150 ft., 10c. per ft. 19 in. wide, less than 150 ft. rolls, 15c. per ft. 19 in. wide, in roll lots, 150 ft., 12c. per ft.



Continuous Trellis

WIRE TRELLIS

Made to Order

We are able to have made, at short notice, special sizes of wire trellis, any length and any width, at 25c. per sq. ft.



Ivy Style Trellis Oval Trellis Wooden Veranda Trellis

Plants offered on this page can be shipped best via express or freight only. No Plants sent C. O. D. (na)

FOR PLANTING OUTDOORS IN SUMMER AND AUTUMN

Each season we carry over for Summer and Autumn sales a quantity of choice rose plants, principally grown in pots. Where our stock of pot-grown varieties is exhausted in Hybrid Perpetual sorts these can be furnished about November 1st in strong field plants. Field-grown plants of Hybrid Tea sorts do not transplant well in the autumn, so that in this class we have listed only the kinds that we have in strong two-year-old pot-grown stock, which, if planted out now, will produce flowers this Summer and Autumn until frost.

Order now while the selection is good; and have your rose garden established for next spring.



Mrs. Sam Ross

**EVERBLOOMING HYBRIDS
TEA VARIETIES**

	Each	Doz.
Antoine Rivoire. Flesh pink	\$0.50	\$5.00
A. R. Goodwin. Rich coppery orange.....	.50	5.00
Betty. Coppery rose, shaded golden yellow.....	.50	5.00
British Queen (New). The finest white rose in existence; free bloomer	1.00	10.00
Chateau de Clos Vougeot. Fiery scarlet.....	.50	5.00
Dean Hole. Salmon pink.....	.50	5.00
Dorothy Page Roberts. Coppery yellow.....	.60	6.00
Earl of Gosford (New). Rich deep crimson; very fragrant .....	.50	5.00
Earl of Warwick. Soft salmon pink.....	.50	5.00
Edward Mawley. Velvety crimson.....	.75	7.50
Florence Pemberton. Cream white, suffused with pink .....	.50	5.00
Francisca Kruger. Yellow .....	.50	5.00
Franz Deegen. Rich orange yellow.....	.50	5.00
Geo. Dickson (New). A most beautiful variety; velvety-black crimson; perfect shape.....	1.00	10.00
Geo. C. Waud. Rich vermilion .....	.50	5.00
Harry Kirk. Deep canary-yellow.....	.50	5.00
Kaiserin Augusta Victoria. White .....	.50	5.00

EVERBLOOMING HYBRIDS, TEA VARIETIES

Continued

	Each	Doz.
Lady Ashtown. Delicate rose	\$0.50	\$5.00
Lady Alice Stanley. Deep rose .....	.60	6.00
La France. Satiny rose .....	.50	5.00
Laurente Carle. Carmine red; very fragrant; perfect form .....	.50	5.00
Mad. Abel Chantenay. Carmine rose.....	.50	5.00
Mad. Caroline Testout. Bright satiny rose; one of the oldest and best varieties.....	.50	5.00
Mad. Ravary. Deep nankeen yellow.....	.50	5.00
Mad. Segond Weber. Soft salmon pink.....	.50	5.00
Marquise de Sinety. Light orange yellow.....	.50	5.00
Mary Countess of Ilchester. Crimson-carmine; very fragrant; immense flowers.....	.60	6.00
Mme. Leon Pain. Salmon .....	.50	5.00
Mrs. David Jardine. Rose pink; immense flowers; flowers all summer, but especially free in the fall .....	.50	5.00
Mrs. Sam Ross. Pale straw, flushed deeper yellow on the reverse of petals; free flowering and of great fragrance	1.00	10.00
Mrs. W. Christie Miller. Soft peach.....	.60	6.00
Prince d'Arenberg. Dark crimson.....	.60	6.00
Prince de Bulgarie. Flesh pink .....	.60	6.00
Richmond. Rich crimson; one of the most beautiful varieties .....	.50	5.00
Sunburst. Golden orange; long pointed buds; free bloomer .....	.75	7.50
Souvenir de Cath. Guillot. Coppery carmine, shaded orange in the centre.....	.50	5.00
Souvenir de Gustav Prat. Sulphur yellow.....	.60	6.00
William Shean. Delicate pink .....	.50	5.00



Plants ship best by express. None sent C. O. D.



Hybrid Perpetual Rose, Mrs. John Laing

HYBRID PERPETUAL VARIETIES

	Each	Doz.
Baroness Rothschild. Delicate pink.....	\$0.50	\$5.00
Baron de Bonstetten. Velvety red, almost black; a vigorous grower; large, double, sweet-scented flowers .....	.50	5.00
Captain Christy. Pink.....	.50	5.00
Frau Karl Druschki. Pure white; of most exquisite shape .....	.50	5.00
General Jacqueminot. Velvety crimson.....	.50	5.00
George Arends. This is a clear pink variety of the Druschki type. It is frequently referred to as the pink Druschki Rose.....	.50	5.00
Gloire de Lyonnaise. White; with a slight trace of yellow .....	.50	5.00
Magna Charta. One of the largest; color deep pink .....	.50	5.00
Mrs. John Laing. Soft pink, very fragrant and large .....	.50	5.00
Mrs. R. G. Sharman Crawford. The finest light pink rose .....	.50	5.00
Paul Neyron. The largest of all roses, deep rose. ....	.50	5.00
Prince Camille de Rohan. Deep velvety crimson maroon .....	.50	5.00
Ulrich Brunner. Bright cherry red, flowers large and full .....	.50	5.00

AUSTRIAN BRIARS AND HYBRIDS

	Each	Doz.
Juliet. Rich vermilion red.....	\$0.50	\$5.00
Persian Yellow. Deep yellow.....	.50	5.00
Soleil d'Or (Golden Sun). Golden orange.....	.50	5.00

ROSA WICHURIANA (Memorial Rose)

	Each	Doz.
Gardenia. Buds bright yellow, open double cream-colored flowers	\$0.40	\$4.00
Wichuriana Type. Single white flowers.....	.40	4.00

DWARF BABY RAMBLERS OR POLYANTHA ROSE

	Each	Doz.
Madame Norbert Levavasseur (Crimson Baby Rambler). This is identical with the Crimson Rambler in color and form, except that it is probably more intense red.....	\$0.50	\$5.00
Katherine Zeimet (White Baby Rambler). Pure white, with yellow stamens. Makes a variety of color when planted in with pink or scarlet....	.50	5.00
Mrs. W. Cutbush (Pink Baby Rambler). A cerise pink; a persistent bloomer, with very double flowers .....	.50	5.00
Annchen Muller. Brilliant rose pink flowers, produced in enormous clusters. The flower petals are somewhat frilled, which make it especially attractive .....	.50	5.00
Louise Walter. Soft blush pink, almost the exact shade of the variety "Tausendschoen." The flowers are larger than most of the other varieties, but are fewer in number.....	.50	5.00
Orleans. Rich brilliant red flowers, which turn to pink as they become older. The centre of the flower is white.....	.50	5.00

ROSA RUGOSA

Alba. Single white .....	.35	3.50
Blanc Double de Coubert. Large double pure white .....	.50	5.00
Conrad Ferd. Meyer. Double, light pink.....	.50	5.00
Rubra. Crimson carmine, single.....	.35	3.50

CLIMBING ROSES

American Pillar. Large single flowers; a rich shade of pink; very showy.....	.50	5.00
Christine Wright. Bright rose pink.....	.60	6.00
Climbing Killarney. Delicate soft pink.....	.50	5.00
Climbing Lady Ashtown. Delicate pink.....	.60	6.00
Climbing American Beauty. Undoubtedly the finest climbing rose; deep pink flowers of a delightful fragrance .....	.60	6.00
Climbing La France. Satiny rose.....	.60	6.00
Reine Maria Henriette. Cherry red; needs some protection during winter .....	.50	5.00
Baltimore Belle. Blush pink .....	.50	5.00
Hiawatha. Single scarlet, with a yellow circle; most dazzling and effective.....	.50	5.00
Silver Moon. Gigantic pure white flowers, frequently 5 inches in diameter.....	.75	7.50
White Dorothy Perkins. The best white Rambler Rose yet introduced.....	.50	5.00

TESTIMONIALS ON ROSES

Sunbury, Pa., March 5, 1915.
The roses I purchased from you last year were fine and bloomed all summer until late in the fall.

John B. Haupt.

Roses received, which were very fine. Thanking you, I am,

F. Milliot, Yonkers, N. Y.

FALL, WINTER AND SPRING FLOWERING BULBS

Easter in 1916 comes on April 23rd

ALLIUM Neapolitanum Ready in August

Used exclusively for indoor culture in pots and pans. It is especially adapted to forcing and makes an excellent cut flower; color pure white. Height, 12 inches. It is not hardy, so cannot be planted outdoors. Dozen and 100 lots mailed free. Each, 2c.; 15c. per doz.; per 100, 90c.; \$7.00 per 1000.



White Calla Lily

CALLA LILY BULBS

Ready in August

Callas require good, rich soil and plenty of warmth and water to make them thrive. The White Calla may also be grown in water. The black variety does not require so much moisture. When through flowering the pots may be laid on their side to allow the tops of bulb to die off. The plant may thus be used another season. Plant Callas indoors only.

GODFREY DWARF EVERBLOOMING CALLA (New)

This comparatively new calla has proven an excellent one, its character is exactly like the Aethiopia or regular variety, except it is of much dwarfer habit and freer bloomer; very desirable as a pot plant, and will, we believe, be very popular in a short while. Large blooming size bulbs, 25c. each; doz., \$2.50; \$15.00 per 100.

CALIFORNIA CALLAS	Each	Doz.	100
White, Monster Size	\$0.40	\$4.00	\$30.00
“ Mammoth Size .....	.30	2.75	17.50
“ Medium Size .....	.15	1.75	12.50
“ First Size .....	.15	1.25	8.00

Other varieties of Callas ready in October.



Fischer's Strain Purity Freesia

FREESIAS (Ready in July)

Fischer's Strain Purity. This is the grandest freesia ever offered. The flowers are almost twice the size of the regular type; they also differ somewhat, being a pure glistening white; the stems are often 15 inches long and very wiry, rendering it a most valuable cut flower. Each bulb will produce 3 or 4 flower stems.

	Each	Doz.	100	1000
First Size Bulbs.....	\$0.04	\$0.35	\$2.00	\$17.50
Mammoth Size Bulbs.....	.05	.40	2.50	20.00
Monster Size Bulbs.....	.10	1.00	5.00	45.00

Bermuda. Pure white:

First Size .....	.03	.20	1.00	.80
Mammoth Size .....	.04	.30	1.50	10.00
Monster Size .....	.05	.50	2.50	20.00

California. White with yellow throat:

First Size .....	.03	.20	1.00	7.50
Mammoth Size .....	.04	.25	1.50	11.00
Monster Size .....	.05	.40	2.50	20.00

Leichtlini. (Ready in September).

Outside of flower is white, while inside is yellow.....	.03	.25	1.50	12.00
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Cow Manure (Shredded). One sack of this is equal to one cartload of fresh cow manure, making it possible for everyone to get this usually scarce article at all times. Excellent for mixing with soil when potting bulbs. 5 lbs., 25c.; 10 lbs., 40c.; 75c. per 25 lbs.; 50 lbs., \$1.25; \$2.00 per 100 lbs.; 500 lbs., \$9.00; \$16.00 per 1000 lbs.; ton, \$30.00.

MICHELL'S EARLY ROMAN HYACINTHS

(Ready in August)

French Roman Hyacinths afford a continuous supply of bloom from early winter until late in spring if planted in succession (two weeks apart). They are very fragrant. The blooms are suitable for most any kind of cut-flower work; they also look very attractive if planted in boxes or pots and used for window decoration.

They are easily grown in pots or pans. The bulbs, if potted in August or September, the pots plunged in the open ground for a month, until the bulbs are well rooted, and then brought in the house, they can be had in flower in November or December, and a continuous supply of these delightful flowers may be had, by bringing in a few pots or pans of the rooted bulbs at intervals of about 2 weeks. The bulbs should be planted quite close together, a 6-inch pot or pan will be sufficiently large enough for six bulbs. They are not hardy and are not suitable for outdoor planting.

	Each	Doz.	100	1000
White. Extra select size, 12 to 15 ctm.	\$.06	\$0.60	\$3.50	\$32.50
“ Mammoth, 13 to 15 ctm. ....	.07	.75	4.50	42.50
“ Monster, 15 ctm. and over...	.08	.90	6.00	55.00
Light Pink .....	.06	.60	3.50	32.50
Dark Pink .....	.05	.50	3.25	30.00
Dark Blue .....	.05	.50	3.00	27.50
Light Blue .....	.05	.50	3.25	30.00
Italian. Late white, large spikes.....	.05	.50	3.25	30.00

If Roman Hyacinths are wanted by mail, allow 10c. per doz. for postage.

EXTRA EARLY (Ready in August) GOLDEN SPUR NARCISSUS

For Christmas and New Year's forcing this strain is far in the lead of the regular Dutch type. The flower is large and is produced fully ten days to two weeks earlier and the stems are much longer. It is also more free-flowering, producing rich, golden yellow blooms.

	Each	Doz.	100	1000
Mammoth Bulbs	\$.06	\$0.60	\$4.00	\$35.00

If the above Narcissus are wanted by mail, allow 10c. per doz. for postage.



MicHELL's Monster White Roman Hyacinths

MICHELL'S EARLY NARCISSI (Ready in August) Polyanthus Type

This class of Narcissus is a most interesting one. They may be grown in water and pebbles like Chinese Lilies, but they are equally suited for growing in soil. Not suitable for outdoor planting.

Paper White Grandiflora, First Size Bulbs. This is quite a specialty with us; of it alone we import over one million bulbs. It is a pure white flowering sort; used extensively for forcing as it can be brought into bloom in 8 weeks' time; the stems are very long and it is excellent for bunching. 4c. each; per doz., 25c.; \$1.50 per 100; per 1000, \$14.00.

Paper White Grandiflora, Mammoth Bulbs. 5c. each; per doz., 40c.; \$2.00 per 100; per 1000, \$17.50.

Paper White Grandiflora, Giant Bulbs. 7c. each; per doz., 75c.; \$4.00 per 100; per 1000, \$35.00.

Double Roman. White perianth, with an orange and yellow suffused cup; very free-flowering and early. 4c. each; per doz., 30c.; \$1.60 per 100; per 1000, \$14.00.

Grand Soleil d'Or. Rich yellow, with deep red cup. For cutting this is a fine variety, as it makes a grand show. 5c. each; per doz., 40c.; \$2.50 per 100; per 1000, \$20.00.

If wanted by mail, allow 10c. per doz. for postage on any of the above varieties.

Single Narcissus FRENCH TRUMPET MAJOR

Ready about August 15th

A beautiful early flowering yellow variety. These are received by us about August 15th, fully a month earlier than the Dutch Narcissus. They force easily; can be had in flower without any trouble for Christmas. They are extremely desirable and should be planted extensively, as they are earlier than any other trumpet sort.

	Each	Doz.	100	1000
Mammoth Bulbs	\$.05	\$0.50	\$2.50	\$22.50

Other varieties of Narcissus ready in September.

If wanted by mail, allow 10c. per doz. for postage.



Extra Early Golden Spur Narcissus

PREPARED BULB FIBRE

A composition of materials combined in Holland, where it has been extensively used and found to be of great importance in producing fine flowers. The bulbs are potted in this instead of soil. 30c. 1/2 peck; peck, 50c.; 85c. half bushel; bushel, \$1.50.

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.

MICHELL'S "SUPERB" EASTER LILY BULBS



LILIUM HARRISII
(The Bermuda Easter Lily)

Cultural Note—In order to obtain best results, attention to the following brief directions will assist materially: Upon receiving the bulbs, pot them immediately. Place a handful of well-rotted cow manure in the bottom of the pot and place 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. When the bulbs have become thoroughly rooted, bring inside, in a temperature of about 60°; 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. An occasional application of liquid cow manure, starting about six weeks before flowering time, will stimulate the plant wonderfully. *Thorough rooting is the most essential point.*

MICHELL'S "SPECIAL BRAND"
LILIUM HARRISII
(True Bermuda Easter Lily)

Noted for freedom from disease, uniformity and free flowering qualities.

Size in Circum.	Each	Doz.	100	1000
5 to 7 inches.....	\$0.10	\$1.00	\$6.50	\$62.50
6 to 7 ".....	.15	1.50	9.00	85.00
7 to 9 ".....	.25	2.00	13.50	125.00
9 to 11 ".....	.50	5.00	27.50	
11 to 13 ".....	.75	7.50	57.50	

JAPANESE EASTER LILIES

Upon arrival of bulbs plant at once in suitable size pots, using coarse soft-coal ashes for drainage in the bottom, giving them a soil composed of sandy loam and well enriched with about 1/3 well rotted horse or cow manure.

Put them in a protected place, soak down with water very heavy, and after two or three days cover the pots with 2 or 3 inches of ashes.

Place lilies where they are to bloom after January 1st, giving them a temperature, as near as possible, of 60° night and 70° day for about 10 days, then 70° night and 80° day until buds can all be counted.

During this period manure-water them regularly once a week with the following liquid: 1 bushel cow manure (fresh), and one 4-in. pot full of nitrate of soda to each 50 gallons of water.

Spray the foliage once a day (twice a day when clear weather). It is also very important to never allow the soil to get very dry, and never feed unless the soil is moist.

When the buds can be counted easily, move plants where you can get the temperature down gradually, and finally mulch them with either a little sheep manure or bone-flour.

LILIUM LONGIFLORUM MULTIFLORUM

MICHELL'S SPECIAL BRAND (Ready in October)

This brand must not be compared with lower priced bulbs, as it is a distinct selection.

	Each	Doz.	100	1000
6 to 8 in.....	\$0.08	\$0.80	\$5.50	\$50.00
7 to 9 ".....	.12	1.25	8.00	75.00
8 to 10 ".....	.18	1.75	10.50	95.00
9 to 10 ".....	.25	2.00	14.00	125.00
Monster Bulbs.....	.50	5.00	35.00	

LILIUM FORMOSUM (The Formosa Easter Lily)

This variety is fast becoming very popular; it has every good feature that the other Easter lilies possess—freedom of bloom robust habit, etc. It resembles the **Bermuda Easter Lily**, but blooms earlier and grows taller. Our stock was grown by the originator and is extra fine.

Dark Stemmed Type

(Flowering generally in March and April.)

	Each	Doz.	100	1000
6 to 8 inches circum.....	\$0.15	\$1.50	\$8.00	\$75.00
7 to 9 " ".....	.20	2.25	13.50	120.00
9 to 10 " ".....	.25	2.50	17.50	160.00
10 to 12 " ".....	.50	5.00	35.00	
Monster Bulbs.....	.75	7.50		

Green Stemmed Type

(Flowering generally in January, February and March.)

	Each	Doz.	100	1000
6 to 8 inches circum.....	\$0.10	\$1.00	\$7.00	\$65.00
7 to 9 " ".....	.15	1.50	10.00	85.00
9 to 10 " ".....	.20	2.00	15.00	135.00
10 to 12 " ".....	.40	4.00	30.00	

LILIUM LONGIFLORUM GIGANTEUM (True)

This variety is now coming into great prominence on account of its mammoth flowers.

	Each	Doz.	100	1000
6 to 8 inches.....	\$0.10	\$1.00	\$7.00	\$65.00
7 to 9 ".....	.15	1.50	9.00	85.00
9 to 10 ".....	.20	2.00	15.00	135.00
10 to 12 ".....	.50	5.00	35.00	

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.

MICHELL'S RELIABLE BULBS

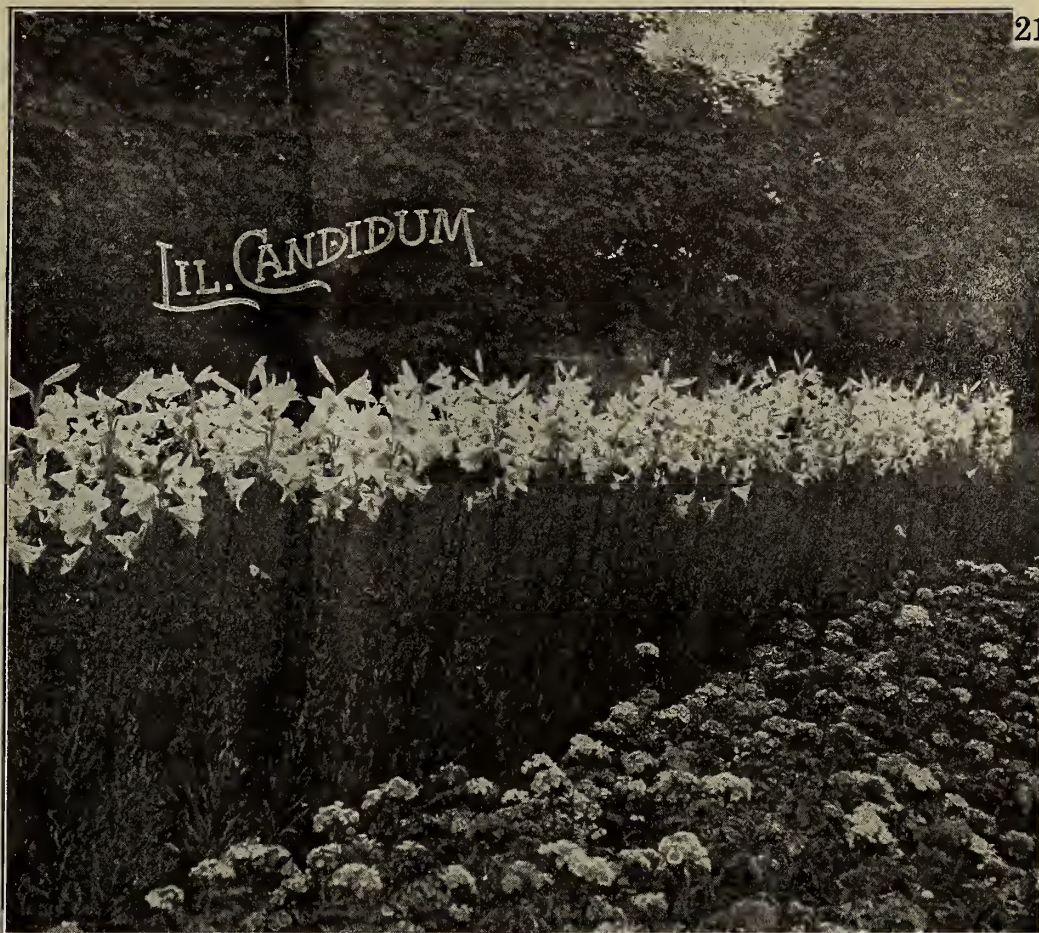
LILIUM CANDIDUM

(Ready in August)

This variety is sometimes called St. Joseph's, Madonna, or Annunciation Lily. One of the most popular and satisfactory of the American garden lilies. Pure waxy white flowers produced on straight stems bearing anywhere from 10 to 30 blooms of good size and substance, delightfully fragrant. Effective plantings are the result of massing them in clumps or borders. Our bulbs are grown in Northern France, where they have a reputation of growing the finest in the world. To insure absolute success, plant the bulbs as early as possible—September preferred—6 inches deep imbedded in sand and placed on their side; height, 4 feet; blooms in June.

	Each	Doz.	100	1000
Large				
Bulbs ...	\$0.12	\$1.00	\$7.50	\$65.00
Mammoth				
Bulbs ...	.15	1.50	10.00	90.00
Monster				
Bulbs ...	.25	2.50	17.50	150.00

Other Lilies will be offered in our September Catalog.



OXALIS (Ready in July)

For conservatory, greenhouse and window garden culture the Oxalis is ideal. It succeeds anywhere and with any one, flowering often in 6 to 8 weeks after planting.

	Each	Doz.	100	1000
Grand Duchess. Yellow	\$0.03	\$0.25	\$1.50	\$10.00
" " White .....	.03	.25	1.50	10.00
" " Pink .....	.03	.25	1.50	10.00
" " Lavender .....	.03	.25	1.50	10.00
Bermuda Buttercup. Yellow first size	.03	.25	1.50	12.00
" " Monster Bulbs..	.05	.50	3.00	25.00

Other Oxalis Ready in September

ORNITHOGALUM ARABICUM (STAR OF BETHLEHEM)

Ready in August

A favorite white, spring-flowering bulb; plant in October for outdoor use, or in September for indoor blooming. Large bulbs: Each, 5c.; 30c. per doz.; per 100, \$2.00; \$18.00 per 1000.

COLD STORAGE LILY OF THE VALLEY

Every gardener at odd times requires this exquisite flower for table decorations or other occasions. Our stock is the best procurable, and can be supplied at any time during the entire year in lots of not less than 100. They can be brought into flower in from 25 to 30 days with little or no trouble. **Michell's Giant Flowering Strain.** 50 for \$1.75; \$3.00 per 100; 250 for \$7.00.

TESTIMONIAL FROM JAPAN

The bulbs arrived here this morning per parcel post. They were all in perfect condition. Let me express my thanks for the careful execution of my order.

Yours truly,

F. OYAMA,
47 Fushi Midai,
Dairen



6 Bulbs of a variety at dozen rate; 25 at 100 rate; 250 at 1000 rate

CONDENSED ITEMIZED PRICE LIST OF BULBS

This list has been arranged for the convenience of those who are in the habit of placing their orders for Dutch and Miscellaneous Bulbs early; complete descriptions of all the varieties of bulbs offered on the following four pages will be found in our September catalog when issued.

	Each	Doz.	100	1000
Aconite. (Eranthis Hyemalis), Yellow	\$0.03	\$0.20	\$1.00	\$7.50
Allium. Neapolitanum, White	.02	.15	.90	7.00
Amaryllis.				
Belladonna, Pink	.15	1.50		
Formosissima, Red	.10	1.00		
Hybrids of Vittata, Mixed, Red and White	.50	5.00		
Johnsoni First Size	.30	3.00		
Johnsoni (Mammoth Bulbs)	.50	5.00		
Anemone.				
Coronaria, Single Scarlet	.03	.20	1.25	10.00
" Single Blue	.03	.20	1.25	10.00
" Single White	.03	.20	1.00	7.50
" Single Mixed	.03	.20	1.00	7.50
" Double Mixed	.03	.25	1.25	10.00
Fulgens, Scarlet	.04	.30	2.00	17.50
St. Brigid (Mixed Colors)	.04	.35	2.25	20.00
Anomatheca. Cruenta (Scarlet Freesia)	.03	.20	1.00	8.00
Begonia (Tuberous-rooted).				
Single Crimson	.10	.75	5.00	40.00
" Orange	.10	.75	5.00	40.00
" Pink	.10	.75	5.00	40.00
" Scarlet	.10	.75	5.00	40.00
" White	.10	.75	5.00	40.00
" Yellow	.10	.75	5.00	40.00
" Mixed	.07	.60	4.50	37.50
Double var. in sep. colors as above	.15	1.25	8.00	70.00
" Mixed	.12	1.00	6.75	60.00
Frilled, in separate colors as above	.15	1.50	10.00	90.00
" Mixed	.12	1.20	8.50	75.00
Bertini, Vermilion	.15	1.50	11.00	
Cardinal, Scarlet	.25	2.25	15.00	
Graf Zeppelin, Vermilion	.15	1.50	11.00	
Lafayette, Red	.20	2.00	15.00	
Calla Lilies.				
Black	.15	1.50	10.00	
Godfrey Everblooming, White	.25	2.50	15.00	
Spotted Foliage	.10	1.00	7.00	
White (Aethiopic), Monster Size	.40	4.00	30.00	
" " Mammoth	.30	2.75	17.50	
" " Medium	.20	1.75	12.50	
" " First Size	.15	1.25	8.00	
Yellow (Elliottiana)	.20	2.00	15.00	
Chinese Lilies.				
Golden	Each .05	Doz. .50	Basket	
White, Large Bulbs	.10	.90	2.00	
" Mammoth Bulbs	.15	1.50	3.50	
" Monster Bulbs	.25	2.50	5.25	
Chionodoxa.				
Gigantea Lilac	Each .03	Doz. .20	100 1.25	1000 10.00
Luciliae, Blue White Centre	.03	.20	1.10	9.00
Sardensis, Deep Blue	.03	.20	1.10	9.00
Colchicum. Autumnale Major, Purple				
.06	.60	4.50	40.00	
Crocus.				
Baron v. Brunow, Blue	.02	.20	1.15	9.00
Blue and Purple	.02	.12	.65	5.75
Cloth of Gold, Yellow	.02	.15	.90	7.50
Cloth of Silver, Striped	.02	.15	.90	7.50
Giant Named, Mixed	.02	.15	.80	7.00
Mont Blanc, White	.02	.20	1.15	9.00
Purpurea Grandiflora, Purple	.02	.20	1.15	9.00
Queen Victoria, White	.02	.20	1.15	9.00
Sativus, Purple	.03	.25	1.50	12.50
Sir Walter Scott, Striped	.02	.20	1.15	9.00
Speciosus, Lavender	.03	.20	1.25	10.00
Striped	.02	.12	.65	5.75
White	.02	.12	.65	5.75
Yellow, First Size	.02	.12	.65	5.75
Yellow, Giant Size	.03	.25	1.35	12.50
Yellow, Mammoth Size	.03	.20	1.15	9.00
Mixed, All Colors	.02	.10	.60	4.75
Crown Imperials.				
Crown Upon Crown, Red	.20	2.00	15.00	
Single Red	.20	2.00	15.00	
Single Yellow	.20	2.00	15.00	
Single Mixed	.15	1.50	10.00	

	Each	Doz.	100	1000
Cyclamen. Pers. Gig.				
Crimson, Pink, Salmon, White; each color separate	\$0.15	\$1.50	\$11.00	
Dielytra. Spectabilis (Bleeding Heart)	.20	2.00	15.00	
Eranthis. Hyemalis (Aconite)	.03	.20	1.00	7.50
Freesia (White).				
Bermuda, First Size	.03	.20	1.00	8.00
" Mammoth	.04	.30	1.50	10.00
" Monster	.05	.50	2.50	20.00
California, First Size	.03	.20	1.00	7.50
" Mammoth	.04	.25	1.50	11.00
" Monster	.05	.40	2.50	20.00
Leichtlinii, Yellow	.03	.25	1.50	12.00
Purity, First Size	.04	.35	2.00	17.50
" Mammoth	.05	.40	2.50	20.00
" Monsters	.10	1.00	5.00	45.00
Gladiolus (For Forcing).				
For other Forcing Gladiolus see our Bulb Catalogue, issued in September.				
Blushing Bride, White and Red	.03	.20	1.25	9.00
Colvillei Alba, White "The Bride"	.03	.20	1.25	9.00
Modesty, Lavender	.04	.35	1.75	16.00
Non Plus Ultra, Red and White	.04	.35	1.75	16.00
Peach Blossom, Pink	.03	.25	1.50	12.50
Gloxinias (Ready in December).				
Blue	.15	1.25	8.00	
Blue, Bordered White	.15	1.25	8.00	
Graf Zeppelin, Carmine	.20	2.00	15.00	
Marienthaler Kind, Crimson and Rose	.20	2.00	15.00	
Meteor, Carmine, Edged White	.20	2.00	15.00	
Nixe, White Bordered Blue	.20	2.00	15.00	
Red and Scarlet	.15	1.25	8.00	
Scarlet, Bordered White	.15	1.25	8.00	
Waterloo, Purple Bordered Carmine	.20	2.00	15.00	
White	.15	1.25	8.00	
White, Spotted Scarlet	.15	1.25	8.00	
Choicest Mixed	.10	1.00	6.00	
Hyacinths, First Size Named.				
Single Red.				
Amy	.10	1.00	6.50	
Duchess of Albany	.10	1.00	6.50	
Koh-i-Noor	.10	1.00	6.50	
Robert Steiger	.10	1.00	6.50	
Roi de Belges	.10	1.00	6.50	
Single Pink.				
Baron v. Thuyll	.10	1.00	6.50	
Cardinal Wiseman	.10	1.00	6.50	
Gertrude	.10	1.00	6.50	
Gigantea	.10	1.00	6.50	
Jacques	.12	1.25	7.50	
Maria Cornelia	.12	1.00	6.50	
Moreno	.10	1.00	6.50	
Queen of Pinks	.25	2.50	15.00	
Rosea Maxima	.10	1.00	6.50	
Single White.				
Alba Superbissima	.10	1.00	6.50	
Angenis Christina	.12	1.00	6.50	
British Queen	.12	1.25	7.50	
Grandeur a' Merveille	.10	1.00	6.50	
La Grandesse	.12	1.25	8.00	
L'Innocence	.12	1.25	8.00	
Mad. v. der Hoop	.10	1.00	6.50	
Mont Blanc	.12	1.25	8.00	
Queen of the Netherlands	.12	1.25	8.00	
Single Blue.				
Chas. Dickens	.12	1.20	7.50	
Czar Peter	.12	1.25	8.00	
Enchantress	.15	1.25	9.00	
Grand Maitre	.12	1.20	7.50	
Ivanhoe	.12	1.20	7.50	
King of Blues	.10	1.00	7.00	
Lord Derby	.12	1.20	7.50	
Potgieter	.12	1.20	7.50	
Queen of the Blues	.12	1.25	8.00	
Schotel	.12	1.20	7.50	

6 Bulbs of a variety at dozen rate; 25 at 100 rate; 250 at 1000 rate

Hyacinths, First Size Named. (Continued)

	Each	Doz.	100	1000
Single Yellow.				
Ball of Gold	\$.12	\$1.20	\$7.50	
King of the Yellows	.12	1.20	7.50	
La Citroniere	.10	1.00	6.50	
Yellow Hammer	.12	1.20	7.50	
Double Blue.				
Blocksberg	.10	1.00	6.50	
Delicata	.12	1.20	7.50	
Garrick	.10	1.00	6.50	
General Kohler	.12	1.20	7.50	
Double Red and Pink.				
Bouquet Royal	.10	1.00	6.50	
Bouquet Tendre	.10	1.00	6.50	
Czar Nicholas	.10	1.00	6.50	
Grootvoorst	.10	1.00	6.50	
Lord Wellington	.10	1.00	6.50	
President Roosevelt	.12	1.20	7.50	
Double White.				
Flevo	.12	1.20	7.50	
La Tour d' Auvergne	.10	1.00	6.50	
La Virginité	.10	1.00	6.50	
Prince of Waterloo	.12	1.20	7.50	
Double Yellow.				
Bouquet de Orange	.10	1.00	6.50	
Goethe	.10	1.00	6.50	
Minerva	.12	1.20	7.50	
Sunflower	.12	1.20	7.50	
Hyacinths, Christmas Forcing.				
Gertrude	.15	1.50	10.00	
Grand Blanche	.15	1.50	10.00	
L'Innocence	.15	1.50	10.00	
Marie	.15	1.50	10.00	
Moreno	.15	1.50	10.00	
Regulus	.15	1.50	10.00	
Hyacinths, Second Size Named.				
Single Red.				
Koh-i-noor	.08	.75	5.00	45.00
Lady Derby	.08	.75	5.00	45.00
Queen of Hyacinths	.08	.75	5.00	45.00
Robert Steiger	.08	.75	5.00	45.00
Roi des Belges	.08	.75	5.00	45.00
Single White.				
Alba Superbissima	.08	.75	5.00	45.00
British Queen	.08	.75	5.00	45.00
Grandeur a' Merveille	.08	.75	5.00	45.00
La Grandesse	.10	.90	5.50	50.00
L'Innocence	.08	.75	5.00	45.00
Mad. Vander Hoop	.08	.75	5.00	45.00
Mont Blanc	.08	.75	5.00	45.00
Queen of Netherlands	.08	.75	5.00	45.00
Single Blue.				
Baron von Thuyll	.08	.75	5.00	45.00
Blue Mourant	.08	.75	5.00	45.00
Chas. Dickens	.08	.75	5.00	45.00
Czar Peter	.10	.90	5.50	50.00
Enchantress	.08	.75	5.00	45.00
Grand Maitre	.08	.75	5.00	45.00
Ivanhoe	.08	.75	5.00	45.00
King of Blues	.08	.75	5.00	45.00
Leonidas	.08	.75	5.00	45.00
Schotel	.08	.75	5.00	45.00
Single Pink.				
Baron v. Thuyll	.08	.75	5.00	45.00
Cardinal Wiseman	.08	.75	5.00	45.00
Chas. Dickens	.08	.75	5.00	45.00
Jacques	.08	.75	5.00	45.00
Gertrude	.08	.75	5.00	45.00
Gigantea	.08	.75	5.00	45.00
Maria Cornelia	.08	.75	5.00	45.00
Moreno	.08	.75	5.00	45.00
Rosea Maxima	.08	.75	5.00	45.00
Single Yellow.				
City of Haarlem	.10	.90	5.50	50.00
Herman	.08	.75	5.00	45.00
Ida	.08	.75	5.00	45.00
Hyacinths, Miniature or Pan.				
Single Blue.				
Chas. Dickens	.05	.40	2.75	22.00
Grand Maitre	.05	.40	2.75	22.00
King of the Blues	.05	.40	2.75	22.00
Lord Derby	.05	.40	2.75	22.00
Single Pink. Cardinal Wiseman	.05	.40	2.75	22.00

Hyacinths, Miniature or Pan.

	Each	Doz.	100	1000
Single Pink (Continued)				
Chas. Dickens	\$.05	\$0.40	\$2.75	\$22.00
Gertrude	.05	.40	2.75	22.00
Gigantea	.05	.40	2.75	22.00
Moreno	.05	.40	2.75	22.00
Roi des Belges	.05	.40	2.75	22.00
Single White.				
Albertina	.05	.40	2.75	22.00
La Grandesse	.05	.40	2.75	22.00
Mad. van der Hoop	.05	.40	2.75	22.00
Single Yellow.				
Yellow Hammer	.05	.40	2.75	22.00
Hyacinths, Unnamed.				
Single Red, White, Blue, Yellow, Dark Red, Pure White, Blush White, Light Blue, Dark Blue....	.05	.45	3.00	28.50
Single Mixed	.05	.40	2.75	26.50
Double Red, Pink, Pure White, Blue, Yellow	.05	.50	3.25	29.00
Double Mixed	.05	.45	3.00	27.50
Hyacinths, Roman.				
White, 12 to 15 ctm.	.06	.60	3.50	32.50
" 13 to 15 ctm.	.07	.75	4.50	42.50
" 15 ctm. and over	.08	.90	6.00	55.00
Dark Blue	.05	.50	3.00	27.50
Dark Pink	.05	.50	3.25	30.00
Italian, White	.05	.50	3.25	30.00
Light Blue	.05	.50	3.25	30.00
Light Pink	.06	.60	3.50	32.50
Iris Hispanica.				
Adelina Patti, Bronze	.02	.15	1.00	7.50
Alex. v. Humboldt, Light Blue	.02	.15	1.00	7.50
Belle Chinoise, Yellow	.02	.15	1.00	7.50
Blanche Superbe, White	.02	.15	1.00	7.50
British Queen, White	.02	.15	1.00	7.50
Cajanus, Clear Yellow	.02	.15	1.00	7.50
Chrysolora, Yellow	.02	.15	1.00	7.50
Emperor of the West, Bronze	.02	.15	1.00	7.50
King of the Blues	.02	.15	1.00	7.50
Midley, Pale Blue	.02	.15	1.00	7.50
Sapho, Bronze	.02	.15	1.00	7.50
Snowball, White	.02	.15	1.00	7.50
Thunderbolt, Bronze	.03	.25	1.50	12.00
Mixed Colors	.02	.12	.75	5.25
Iris Anglica.				
Argus, Pink and White	.05	.40	2.25	18.00
Bavaria, Light Blue	.05	.40	2.25	18.00
Blanche Fleur, White	.05	.40	2.25	18.00
L'Unique, Claret	.05	.40	2.25	18.00
Mixed	.03	.25	1.40	11.00
Iris Susiana, Maroon				
	.20	2.00	15.00	
Ixias. Crateroides, Scarlet				
	.03	.25	1.75	15.00
" Mixed	.02	.12	.75	5.50
Jonquils (Sweet Scented).				
Campernelle Rugulosus, Yellow	.03	.25	1.25	10.00
Campernelle, Yellow	.02	.20	1.00	7.50
Double Yellow	.04	.35	2.00	12.50
Single Yellow	.02	.15	.80	7.00
Leucojum (Snowflake). Vernum, White				
	.03	.25	1.50	12.00
Lilium Harrisii (Michell's Special Brand).				
5 to 7 inches circum.	.10	1.00	6.50	62.50
6 to 7 inches circum.	.15	1.50	9.00	85.00
7 to 9 inches circum.	.25	2.00	13.50	125.00
9 to 11 inches circum.	.50	5.00	27.50	
11 to 13 inches circum.	.75	7.50	57.50	
Lilium Long. Multiflorum. (Michell's)				
6 to 8 inches	.08	.80	5.50	50.00
7 to 9 inches	.12	1.25	8.00	75.00
8 to 10 inches	.18	1.75	10.50	95.00
9 to 10 inches	.25	2.00	14.00	125.00
Monster Bulbs	.50	5.00	35.00	
Lilium Formosum (Dark Stemmed).				
6 to 8 inches	.15	1.50	8.00	75.00
7 to 9 inches	.20	2.25	13.50	120.00
9 to 10 inches	.25	2.50	17.50	160.00
10 to 12 inches	.50	5.00	35.00	
Monster Bulbs	.75	7.50		
Lilium Formosum (Green Stemmed).				
6 to 8 inches	.10	1.00	7.00	65.00
7 to 9 inches	.15	1.50	10.00	85.00
9 to 10 inches	.20	2.00	15.00	135.00
10 to 12 inches	.40	4.00	30.00	

Lilium Long. Giganteum.				Narcissus, Medium Trumpet or Cup.					
	Each	Doz.	100	1000	<i>(Continued)</i>				
6 to 8 inches	\$.10	\$1.00	\$7.00	\$65.00	Leedsii Mrs. Langtry, White	Each	Doz.	100	1000
7 to 9 "	.15	1.50	9.00	85.00	Obvallaris, Yellow	\$.03	\$0.20	\$1.25	\$10.00
9 to 10 "	.20	2.00	15.00	135.00	Sir Watkin, Light Yellow	.04	.35	2.25	18.00
10 to 12 "	.50	5.00	35.00		Stella, White and Yellow	.04	.40	2.25	20.00
						.03	.20	1.25	9.50
Lilium (Hardy Sorts).				Narcissus, Poeticus Varieties.					
Auratum, White Spotted, Large, 8-9					Biflorus, White and Yellow	.03	.20	1.15	9.00
inch	.15	1.50	10.00		Burbidgei, White and Red	.02	.15	1.15	9.50
Mammoth, 9-11 inch	.20	2.00	15.00		King Edward VII, White, Yel. and Red	.04	.40	3.00	27.50
Monsters, 11-13 inch	.30	3.25	20.00		Poetaz, Elvira, White and Yellow	.04	.40	3.00	27.50
Brownii, White, Brown and Purple	.50	5.00			Poeticus Ornatus, White and Scarlet,				
Canadense, Yellow	.10	1.00	7.50		First Size	.03	.20	1.00	8.50
Rubrum, Crimson	.20	1.75	12.50		Mammoth	.04	.25	1.50	12.00
Candidum, Large White	.12	1.00	7.50	65.00	White and Scarlet	.02	.15	.85	7.00
Mammoth White	.15	1.50	10.00	90.00	Narcissus in Mixture.				
Monsters White	.25	2.50	17.50	150.00	Single Mixed	.02	.15	1.00	8.00
Elegans, Painted Chief, Bright Red	.15	1.50	11.00		Double	.03	.20	1.00	8.50
Leonard Joerg, Apricot	.20	1.75	12.50		Narcissus, Polyanthus Varieties.				
Hansonii, Reddish Orange	.50	5.00	40.00		Double Roman, White and Orange	.04	.30	1.60	14.00
Henryi, Orange Yellow	.60	6.00			Gloriosa, White and Orange	.05	.40	2.50	22.00
Melpomene, Pink, Large, 8-9 inch	.15	1.50	10.00	90.00	Grand Monarque, White and Yellow	.05	.40	2.50	20.00
Mammoth, 9-11 inch	.25	2.50	17.50	150.00	Grand Soleil d'or, Yellow and Red	.05	.40	2.50	20.00
Speciosum Album, White, 8-9"	.20	2.00	15.00		Paperwhite Grandiflorus, White, First				
Mammoth, 9-11"	.30	3.00	17.50		Size	.04	.25	1.50	14.00
Magnificum, Pink, 8-9"	.15	1.50	10.00	90.00	Mammoth	.05	.40	2.00	17.50
Mammoth, 9-11 inch	.25	2.50	15.00		Giant	.07	.75	4.00	35.00
Monsters, 11-13 inch	.30	3.00	20.00		White Pearl, White	.05	.40	2.50	22.50
Rubrum, Pink, 8-9"	.15	1.50	10.00	90.00	Mixed, All Varieties	.04	.30	1.50	12.50
Mammoth, 9-11"	.20	2.00	15.00		Narcissus, Double Varieties.				
Monsters, 11-13"	.30	3.00	20.00		Alba Plena Odorata, White	.03	.20	1.25	10.00
Superbum, Orange Red	.15	1.50	10.00		Double Jonquils, Yellow	.04	.35	2.00	17.50
Tenuifolium, Scarlet	.15	1.50	10.00		Incomparable Double Yellow and				
Tigrinum, Splendens, Orange, Single	.10	1.00	7.50	65.00	Orange	.03	.25	1.50	12.00
F. Pl. Double Orange	.15	1.50	10.00	90.00	Orange Phoenix, Yellow and Orange	.04	.30	1.75	15.00
Umbellatum, Orange Scarlet	.15	1.50	10.00		Sulphur Phoenix, Sulphur Yellow	.04	.30	2.00	17.50
					Von Sion, Yellow, 1st Size	.04	.30	2.00	17.50
					Mammoth	.05	.50	3.00	27.00
					Monster	.07	.60	4.00	35.00
					Double Mixed	.03	.20	1.00	8.50
					Ornithogalum. Arabicum, White				
						.05	.30	2.00	18.00
Lily of the Valley.				Oxalis.					
Clumps	.25	2.50	18.00		Bermuda Buttercup, 1st Size, Yellow	.03	.25	1.50	12.00
Michell's Giant Cold Storage (\$7.50 per 250)			3.00		Monster	.05	.50	3.00	25.00
Michell's Giant Flowering	.40	2.50	20.00		Bowei, 1st Size, Pink	.03	.25	1.50	12.00
Berlin	.25	1.75	16.00		Giant Bulbs	.05	.50	3.00	
Montbretia.				Muscari (Grape Hyacinth).					
Crocsmiaeflora Type, Red and Yellow	.03	.30	2.25	17.50	Botryoides, Album, White	.02	.20	1.00	8.50
Aurantiaca, Yellow	.03	.30	2.25	17.50	Coeruleum, Blue	.02	.15	.75	5.50
Etoile de Feu, Vermilion and Yellow	.03	.30	2.25	17.50	Monstrosum, Blue	.03	.25	1.25	10.00
Pottsii, Orange Scarlet	.03	.30	2.25	17.50	Narcissus, Giant Trumpet.				
Speciosa, Golden	.03	.30	2.25	17.50	Ard Righ, Yellow	.05	.45	3.00	25.00
Rayon d'Or, Yellow	.03	.30	2.25	17.50	Bicolor, Grandee, White and Yellow	.04	.30	1.75	15.00
					Victoria, Large Bulbs, White				
					and Yellow	.05	.40	2.75	22.00
					Monster Bulbs	.07	.70	4.50	37.50
					Emperor, Yellow, Large Bulbs	.05	.40	2.75	24.00
					Monster Bulbs	.07	.60	4.00	35.00
					Empress, White and Yellow, Large	.05	.40	2.75	24.00
					Monster Bulbs	.07	.60	4.00	35.00
					Giant Princeps, Yellow	.03	.25	1.25	10.00
					Glory of Leiden, Yellow	.15	1.50	10.00	
					Golden Spur, Yellow, Large	.05	.40	2.50	22.50
					Monsters	.07	.60	4.00	35.00
					Extra Early Mammoth	.06	.60	4.00	35.00
					Henry Irving, Yellow	.05	.40	2.25	20.00
					King Alfred, Yellow	.60	5.00	35.00	
					Madame de Graaff, White	.15	1.50	10.00	
					Trumpet Major, Dutch, Yellow	.03	.25	1.50	12.00
					French, Yellow	.05	.50	2.50	22.50
					Wm. Goldring, White and Yellow	.04	.40	2.00	17.50
Narcissus, Medium Trumpet or Cup.				Narcissus, Medium Trumpet or Cup.					
Albicans, Light Yellow	.05	.45	2.50	22.50	Albicans, Light Yellow	.05	.45	2.50	22.50
Barrii Conspicuus, Yellow Scarlet Cup	.03	.20	1.25	10.00	Bulbocodium, Yellow	.05	.45	2.75	25.00
Bulbocodium, Yellow	.05	.45	2.75	25.00	Cynosure, Yellow	.03	.20	1.25	9.50
Cynosure, Yellow	.03	.20	1.25	9.50	Figaro, Light Yellow	.03	.25	1.25	10.00
Figaro, Light Yellow	.03	.25	1.25	10.00					

Tulips, Single Early.	Each	Doz.	100	1000
Artus, Red	\$.03	\$0.25	\$1.25	\$10.00
Belle Alliance, Scarlet	.04	.30	1.75	15.00
Chrysolora, Yellow	.03	.25	1.50	12.50
Cottage Maid, White and Pink	.03	.25	1.40	11.50
Couleur de Cardinal, Scarlet	.04	.35	2.00	18.00
Cramoise Brilliant, Scarlet	.03	.25	1.50	13.00
Crimson King, Crimson	.03	.20	1.25	10.00
Duchesse de Parma, Red and Orange.	.03	.25	1.50	13.00
Duc v. Thol, Crimson	.03	.25	1.60	14.00
“ “ “ Pink	.04	.30	1.75	14.00
“ “ “ Red and Yellow	.03	.25	1.50	12.00
“ “ “ Scarlet	.04	.30	1.75	14.00
“ “ “ White	.03	.25	1.50	12.00
“ “ “ Yellow	.04	.35	2.00	16.00
Dusart, Carmine Scarlet	.03	.30	2.00	14.00
Flamingo (Pink Hawk)	.06	.60	3.50	30.00
Gold Finch, Yellow	.03	.30	1.75	14.00
Grace Darling, Scarlet	.05	.50	3.00	26.00
Joost von Vondel, Striped Red and White	.04	.35	2.00	17.00
Joost von Vondel, White (Lady Bo-reel)	.05	.50	3.00	24.00
Kaiserkroon, Red and Yellow	.04	.35	2.00	17.50
La Reine, White	.03	.25	1.25	9.00
L'Immaculee, White	.03	.25	1.25	10.00
Maas, Scarlet	.05	.40	2.25	18.00
Mon Tresor, Yellow	.04	.30	1.80	16.00
Ophir d'or, Yellow	.04	.30	1.80	16.00
Pink Beauty	.07	.65	4.00	35.00
Pottebakker, Scarlet	.04	.30	1.80	16.00
“ White	.04	.35	2.10	18.50
“ Yellow	.04	.30	1.75	14.50
President Cleveland, Pink	.25	2.50	16.00	
Prince of Austria, Orange scarlet	.04	.35	2.00	16.00
Princess Wilhelmina, Deep Pink	.04	.35	2.00	17.00
Proserpine, Pink	.05	.45	3.00	27.50
Queen of Netherlands, Pink	.05	.40	2.25	20.00
Rising Sun, Golden Yellow	.20	2.00	13.00	125.00
Rosa Mundi, Pink and White	.03	.25	1.25	10.00
Rose Grisdelin, Pink and White	.03	.20	1.25	10.00
Rose Luisante, Pink	.05	.40	2.50	22.50
Sir Thomas Lipton, Brilliant Crimson	.05	.50	3.00	26.00
Thos. Moore, Orange	.03	.25	1.40	11.00
Vermilion Brilliant, Scarlet	.05	.40	2.25	20.00
White Hawk	.05	.40	2.25	20.00
Wouwerman, Violet	.06	.50	3.25	30.00
Yellow Prince	.03	.25	1.50	12.50

Tulips, Single Early Unnamed.

Pink	.03	.25	1.15	9.00
Red	.03	.25	1.15	9.00
White	.03	.25	1.15	9.00
Yellow	.03	.25	1.15	9.00
Mixed Fine Quality	.02	.15	.85	7.00
“ Superfine Quality	.03	.20	1.00	9.00

Tulips, Double Early.

Cochineal, Scarlet	.05	.40	2.50	22.00
Couronne d'or, Yellow	.05	.40	2.50	22.50
Couronne des Roses, Pink	.05	.50	3.00	27.50
Golden King, Canary Yellow	.15	1.50	9.00	
Gloria Solis, Red and Yellow	.04	.30	1.75	15.00
Imperator, Rubrorum, Scarlet	.05	.40	2.25	19.00
La Candeur, White	.03	.25	1.50	12.50
La Coquette, Orange	.04	.35	2.25	20.00
Le Matador, Glowing Scarlet	.04	.35	2.25	20.00
Lucretia, Deep pink	.04	.40	2.50	22.50
Murillo, Pink	.03	.25	1.50	12.00
Princess Beatrice, Delicate Pink	.03	.30	1.50	12.50
Rose Blanche, White	.03	.25	1.40	11.50
Rose de la Montagne, Pink	.03	.30	1.60	12.50
Rubra Maxima, Red	.04	.35	2.00	17.50
Salvator Rosa, Pink	.05	.40	2.25	18.50
Tea Rose, Salmon	.06	.50	3.50	30.00
Titian, Red and Yellow	.04	.35	2.00	17.50
Toreador, Orange	.06	.60	3.75	32.50
Tournesol, Red and Yellow	.05	.40	2.50	22.50
“ Yellow	.05	.40	2.25	20.00
Vuurbaak, Scarlet	.05	.40	2.25	20.00
Yellow Rose	.03	.25	1.50	12.00

Tulips, Double, Unnamed.

	Each	Doz.	100	1000
Pink	\$.03	\$0.25	\$1.25	\$10.00
Red	.03	.25	1.25	10.00
White	.03	.25	1.25	10.00
Yellow	.03	.25	1.25	10.00
Mixed Fine Quality	.02	.15	1.00	8.00
“ Superfine Quality	.03	.20	1.25	10.00

Tulips, Darwin Varieties.

Baronne de la Tonnaye, Rose	.06	.50	3.00	25.00
Clara Butt, Pink	.06	.50	3.00	25.00
Dream, Lilac	.07	.60	4.00	35.00
Europe, Red and White	.06	.50	3.25	30.00
Glow, Scarlet and White	.06	.60	4.00	35.00
Gretchen, Salmon Pink	.04	.30	2.00	17.50
Harry Veitch, Crimson White Centre	.06	.40	3.00	25.00
Kate Greenaway, White and Lilac	.06	.50	3.00	25.00
May Queen, Rose	.06	.40	3.00	25.00
Mme. Krelage, Pink	.06	.45	3.00	27.50
Mr. Farncombe Sanders, Scarlet	.07	.60	4.00	35.00
Nora Ware, Lilac Shaded Bronze	.07	.50	3.50	32.50
Pride of Haarlem, Rosy Carmine	.06	.60	3.75	32.50
Rev. H. Ewbank, Heliotrope	.07	.60	4.00	35.00
Sultan, Maroon	.05	.35	2.00	17.50
White Queen, White	.06	.50	3.50	30.00
William Pitt, Carmine	.06	.50	3.75	30.00
Mixed, All Colors	.03	.25	1.50	13.50

Tulips, Late-flowering Varieties.

Bizarres Mixed	.03	.20	1.25	11.00
Blue Flag (Double)	.06	.60	4.00	35.00
Bouton d'or, Yellow	.03	.25	1.50	12.50
Bybloemen Mixed	.03	.25	1.50	13.00
Caledonia, Orange Scarlet	.04	.30	2.00	15.00
Gesneriana Spathulata, Scarlet	.03	.30	1.75	15.00
“ Rosea, Pink	.03	.25	1.50	12.50
“ Lutea, Yellow	.04	.35	2.25	20.00
Golden Crown, Yellow and Red	.03	.25	1.50	12.00
Inglescombe, Scarlet	.05	.45	3.00	27.00
“ Pink	.04	.35	2.25	20.00
“ Yellow	.07	.60	4.00	35.00
La Merveille, Orange	.04	.30	1.75	14.00
Moonlight, Pale Yellow	.12	1.00	6.00	
Picotee, White and Pink	.04	.30	1.60	14.00
Rosalind, White and Pink	.03	.30	1.75	15.00
Royal White	.05	.50	3.25	30.00
Sarah Bernhardt, Rose	.08	.75	5.00	42.50
Shandon Bells, Carmine, Shaded White	.03	.30	1.75	14.00
Striped Beauty, Crimson and White	.05	.50	3.25	30.00
Late Single Mixed	.03	.25	1.50	12.00
Late Double Mixed	.03	.20	1.25	11.00

Tulips, Parrot Varieties.

Constantinople, Orange, Scarlet	.03	.30	1.60	13.00
Gloriosa, Orange and Red	.03	.30	1.60	13.00
Lutea Major, Yellow	.03	.30	1.60	13.00
Markgraaf v. Baden, Striped	.03	.30	1.60	13.00
Preciosa, Scarlet Striped Yellow	.03	.30	1.60	13.00
Mixed	.03	.20	1.25	10.00

Breeder Tulips.

Apricot, Orange	.08	.85	6.00	57.50
Cardinal Manning, Mauve	.06	.65	4.00	37.50
Goliath, Rose and Amber	.06	.65	4.00	37.50
Jaune d'Oeuf, Golden Apricot	.06	.65	4.00	37.50
Medea, Red, Shaded Heliotrope	.06	.65	4.00	37.50
Velvet Queen, Purple	.10	1.00	7.00	67.50

Rembrandt Tulips.

Apollo, Lilac, White and Carmine	.04	.35	2.25	20.00
Fleur d'Marie, Deep Rose	.06	.65	4.50	42.50
Hebe, Lilac, White and Brown	.05	.50	3.25	30.00
Julienne, Rose and White	.06	.60	4.00	37.50
Red Prince, Rich Red	.07	.75	5.00	47.50
Quasimodo, Red and White	.05	.45	3.00	27.50
Vesta, Carmine and White	.05	.45	3.00	27.50
Zenobia, White, Lilac and Maroon	.05	.50	3.25	30.00

Zephyranthes.

Treatea, Rosea, Pink	.06	.60	4.50	
“ Alba, White	.06	.60	4.50	

TESTIMONIAL

Your Bulbs were excellent. They forced well and almost everyone made a first-class flower. I was well pleased with everything I received from you.

JOHN YOUNG, Windber, Pa.

MICHELL'S DISTINCTIVE FLOWER SEEDS

FOR SUMMER AND EARLY FALL SOWING

For Complete List of Flower Seeds see our General Catalogue for 1915

For the convenience of our customers, and to facilitate the filling of orders, we have affixed numbers to all varieties of Flower Seeds, and in ordering it is only necessary to give the quantity wanted and the number; but care should be taken to give the correct number, as a mistake in this would result in getting the wrong variety.

ACHILLEA (Milkfoil or Yarrow)

- | | | | |
|----|---|------------|--------|
| | | Large Pkt. | Pkt. |
| 20 | Ptarmica, Fl. Pl., "The Pearl." Tall erect plant bearing its pure white double flowers in great profusion all summer; hardy perennial; 2 ft. | \$0.30 | \$0.10 |

ACONITUM (Monk's Hood or Helmet Flower)

Hardy perennial, thriving best in semi-shady situations; curious hood-shaped flowers in clusters; height, 4 feet; August-September.

- | | | | |
|----|-----------------------|------------|--------|
| | | Large Pkt. | Pkt. |
| 25 | Napellus, Blue | \$0.25 | \$0.05 |
| 27 | " White | .40 | .05 |

ALYSSUM

One of the most popular garden flowers; for beds, edgings or rock-work or vases; also useful for winter flowering.

- | | | | |
|----|---|-------------|---------------|
| | | Large Pkt. | Pkt. |
| 71 | Little Gem. Dwarf compact plants, densely covered with large pure white flowers; height, 4 inches | oz., 75c. | \$0.15 \$0.05 |
| 74 | Little Dorritt. Extremely dwarf and compact, forming perfect little bushes with miniature white flowers; ideal for narrow edges. | | |
| 75 | Lilac Queen. Dwarf and compact; flowers lilac. | oz., \$1.00 | .20 .05 |
| 76 | Lutescens. Dwarf; yellow flowers. | | .20 |
| 73 | Sweet. The popular old-fashioned sort, the best for broad edges and vases. Pure white; height, 6 inches. | oz., 25c. | .15 .05 |
| 72 | Saxatile Compactum (Basket of Gold). Showy golden yellow flowers; hardy perennial; 1 ft. | oz., 50c. | .15 .05 |

ANTIRRHINUM (Snapdragon)

A splendid plant for beds or borders and one of our choicest cut flowers; extensively forced under glass during the winter.

MICHELL'S GIANT ANTIRRHINUMS

This strain produces stout heavy spikes, 2 to 3 feet in length, dressed with giant flowers of the purest colors.

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|-----|--|------------|---------|
| 127 | Michell's Giant Salmon Pink. A valuable addition to this popular flower; long spikes of a delicate salmon pink color. | 1-ga. Pkt. | Pkt. |
| | | \$0.40 | \$0.15 |
| 109 | Silver Pink. A fine variety; long spikes and a profuse bloomer. Original pkt., \$1.00. | | |
| 113 | Giant Pink | .25 | .10 |
| 114 | " Scarlet | .25 | .10 |
| 121 | " Striped | .25 | .10 |
| 115 | " White | .25 | .10 |
| 116 | " Yellow | .25 | .10 |
| 117 | " Mixed. All colors. | oz., 75c. | .20 .10 |
| 125 | " Double White | .40 | .15 |
| 126 | " Venus. Shell pink on white ground. | .40 | .15 |
| 122 | Tall Mixed. A fine selection. | oz., 40c. | .15 .05 |
| 124 | Imported Collection, 10 Tall Varieties. | | .40 |

SEMI-DWARF ANTIRRHINUMS

The plants grow but 18 inches high, but have extreme large flowers over most part of the stem.

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|-----|--|------------|---------|
| | | Large Pkt. | Pkt. |
| 111 | Daphne. Carmine pink, white throat. | \$0.25 | \$0.10 |
| 110 | Defiance. Fiery scarlet. | .25 | .10 |
| 119 | Golden Queen. Golden yellow, giant flowers. | .20 | .10 |
| 120 | Queen of the North. Of purest white. | .20 | .10 |
| 118 | Mixed. All colors. | oz., 75c. | .20 .10 |
| 123 | Imported Collection, 10 Semi-Dwarf Varieties. | | .40 |

DWARF ANTIRRHINUMS

The Dwarf or Tom Thumb varieties are excellent for bedding; also for edges. Height, 12 inches.

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|-----|-------------------------------------|--------|--------|
| 112 | Tom Thumb Mixed. All colors. | \$0.20 | \$0.05 |
|-----|-------------------------------------|--------|--------|

ADONIS

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|----|--|------------|--------|
| | | Large Pkt. | Pkt. |
| 42 | Vernalis (Ox Eye). One of the choicest spring flowering perennial plants; finely cut, ornamental foliage, yellow flowers; 1 foot. | \$0.20 | \$0.05 |

AGROSTEMMA

- | | | | |
|----|---|-----|-----|
| 66 | Coronaria (Mullein Pink). Stout erect growing plants with silvery foliage and bright crimson flowers; hardy perennial; 2½ to 3 feet; July and August | .15 | .05 |
|----|---|-----|-----|

ANCHUSA (Sea Bugloss)

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|-----|--|-----|-----|
| 102 | Italica "Dropmore." A strong growing hardy perennial plant, 4 feet high, with rough hairy foliage and long heads of bright blue flowers | .40 | .15 |
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ANEMONE (Wind Flower)

A dainty spring flower with bright cup-shaped blossoms; splendid for cutting; perennial.

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|-----|---|------------|--------|
| | | Large Pkt. | Pkt. |
| 105 | Coronaria Mixed. 2 feet; all colors. | \$0.20 | \$0.05 |
| 107 | St. Brigid, or Poppy. Flowers of large size with distinct rainbow rings in centre. | .40 | .15 |

ANTHEMIS (Hardy Marguerite)

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|-----|---|-----|-----|
| 108 | Tinctoria Kelwayi. A handsome hardy perennial, bearing all summer, daisy-like bright yellow flowers; 2 feet. | .15 | .10 |
|-----|---|-----|-----|



Giant Snapdragon (Antirrhinum)



Aquilegia—Long Spurred

AQUILEGIAS OR COLUMBINES

An elegant, graceful, beautiful spring flowering plant, producing exquisitely spurred flowers on stems rising 2 feet above the fern-like foliage; splendid for cutting.

	Large Pkt.	Pkt.
139 Long Spurred Hybrids. A great assortment of all varieties possessing long spurs.....	\$0.40	\$0.10
129 Canadensis. Scarlet and yellow.....	.25	.05
130 Chrysantha. Bright golden yellow.....	.25	.10
131 " Alba. Purest white.....	.30	.10
128 Californica Hybrida. All colors, long spurs...	.25	.10
132 Coerula (<i>Rocky Mountain Columbine</i>). Large flowers, violet-blue and white.....	.40	.10
140 Flabellata Nana Alba. A dwarf variety, with fine glaucous foliage and large white flowers	.30	.10
136 Glandulosa Vera. Lavender and white.....	.40	.15
133 Haylodgensis Delicatissima. Satiny rose.....	.50	.15
137 Nivea Grandiflora. Pure white.....	.15	.05
138 Rose Queen. Pink, white centre.....	.50	.20
134 Single Mixed.....oz., 35c.	.15	.05
135 Double Mixed.....oz., 40c.	.15	.05

ARABIS (Rock Cross)

144 Alpina. Early spring flowering plant especially adapted for edging and rockery; plants form a dense carpet completely covered with pure white blossoms; perennial; May; 6 inches..	.15	.05
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ASPARAGUS

	100 Seeds	Pkt.
158 Hatcheri. Of dense and symmetrical growth; dainty fern-like fronds set close together along the stalk; valuable for decorative use, also for specimen pot plants.....	\$1.50	\$0.25
160 Plumosus Nanus. An excellent plant for house or conservatory decoration or cutting on account of its graceful, finely cut foliage; will remain fresh a long time after being cut....	1.00	.25
162 Sprengeri. One of the best plants to grow in hanging baskets for greenhouse or for outdoors in the summer.....	.50	.10

ASPERULA (Woodruff)

	Large Pkt.	Pkt.
165 Odorata. Dwarf spring flowers of purest white; thrives well in shady situations; perennial; 1 foot; May.....	.20	.05



Hardy Perennial Aster

ASTER PERENNIAL (Michaelmas Daisy)

	Large Pkt.	Pkt.
328 Choice Mixed. The showiest of our late flowering plants and very effective if planted in groups of colors. Star-like single flowers; 2 feet.....	.30	.10

AURICULA (Primula Auricula)

410 Choice Mixed. These early flowering perennial plants resemble primroses and have multi-colored flowers in great variety; 1 foot; May.....	.50	.10
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BAPTISIA (False Indigo)

442 Australis. A strong growing perennial plant about 2 feet high, with dark green, deeply cut foliage and spikes of dark blue flowers in June and July.....	.20	.05
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BOLTONIA (False Chamomile)

481 Latisquama. A tall, late flowering plant with aster-like flowers of pinkish lavender; perennial; 6 feet; September.....	.30	.10
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BROWALLIA

Elegant free flowering plants; bloom finely in the winter if sown in August; 18 inches.

	Large Pkt.	Pkt.
500 Elata Coerulea. Sky-blue flowers.....	\$0.20	\$0.05
502 Speciosa Major. A large flowering variety of brilliant ultramarine blue; desirable as a pot plant for winter and spring flowering.....	.30	.10

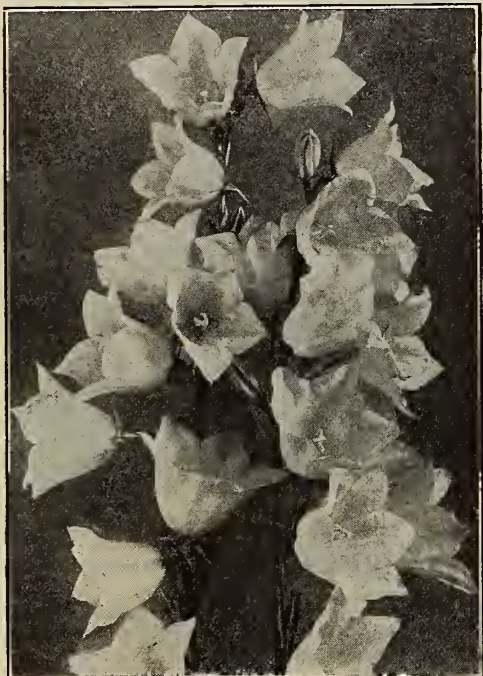
CALCEOLARIA

An ornamental plant, and a universal favorite for decorating the greenhouse or conservatory; produces a mass of beautiful pocket-like flowers. Our strains of Calceolaria have a wide reputation as to large size, rich and varied colors of the flowers.

	Large Pkt.	Pkt.
515 Hybrida Grandiflora, Tall Mixed. Large flowering, rich, self-colored flowers saved from a choice collection; 18 inches.....	\$0.75	\$0.25
516 Hybrida Grandiflora, Pumila Compacta. Of dwarf, compact robust growth, producing immense trusses of large and varied brilliant self-colored and spotted flowers; 1 foot....	.75	.25
517 James' Superb Strain. A robust grower, producing very large and beautiful flowers; 18 in.	1.25	.50
519 Sutton's Perfection. Choicest mixed. Original packet.....		1.00
518 Rugosa Mixed (<i>Shrubby</i>). Small flowering varieties for bedding; of the finest colors; 1 foot.....	1.25	.50

CALLIOPSIS (Coreopsis)

- One of the finest hardy perennial plants. Large Pkt. Pkt.
- 540 **Lanceolata Grandiflora.** Single golden yellow flowers of graceful form; invaluable for cutting; flowers uninterruptedly the entire summeroz., 50c. \$0.15 \$0.10
- 541 **California Sunbeams.** Very large flowers beautifully formed; various shades of yellow and brown25 .10



Campanula or Bell Flower

CAMPANULA MEDIA (Canterbury Bell)

These are strictly biennials and require the following cultural directions: Sow from June 1st till September 1st; when strong enough transplant to a distance of 6 inches apart; after frost has set in protect with leaves and straw. They flower the following June, after which they die. Their colors are so pure that gorgeous effects can be achieved with them.

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|-------------------------------|------------|--------|
| | Large Pkt. | Pkt. |
| 543 Single Blue | \$0.15 | \$0.05 |
| 544 " Pink | .15 | .05 |
| 553 " White | .15 | .05 |
| 550 " Mixed | .15 | .05 |
| 551 Double Mixed | .20 | .05 |

CAMPANULA CALYCANTHEMA (Cup and Saucer)

These produce beautiful, large single flowers, resembling a cup and saucer; they require the same treatment as above.

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|------------------------|------------|--------|
| | Large Pkt. | Pkt. |
| 545 White | \$0.30 | \$0.10 |
| 588 Pink | .30 | .10 |
| 586 Blue | .30 | .10 |
| 546 Mixed | .25 | .10 |

CAMPANULAS OR BLUE BELLS

PERENNIAL VARIETIES

These are among our best known hardy perennials; the tall varieties are fine for cutting while the dwarf sorts make excellent border plants; all have dainty bell-shaped flowers.

- | | | |
|--|------------|--------|
| | Large Pkt. | Pkt. |
| 538 Carpatica, Blue (Carpathian Hare Bell). Compact tufts not exceeding 8 inches; flowers clear blue, held erect; blooms in June and July | \$0.15 | \$0.05 |
| 539 Carpatica, White. Same as above..... | .15 | .05 |
| 547 Persicifolia Grandiflora, Blue (Peach Bells). Stately spikes, 4 feet tall with immense blue bell-shaped flowers | .30 | .15 |
| 548 Persicifolia Grandiflora, White. Same as above | .30 | .15 |
| 549 Pyramidalis (Chimney Bell Flower). Perfect pyramids 6 feet high crowded with large bell-shaped flowers, blue and white mixed.. | .20 | .05 |

CANDYTUFT (Iberis)

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|--|------------|------|
| | Large Pkt. | Pkt. |
| 570 Sempervirens. Dwarf spring flowering plants; ideal for the bulb border, flowers of glistening white; hardy perennial; May; 8 inches. \$0.30 | \$0.10 | |

CARNATION

These are general favorites for their richness of color and delightful fragrance; they are desirable for greenhouse culture in winter as well as for the garden in summer.

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|--|--------|--------|
| 600 Early Vienna. Large double flowers in choicest mixture; 1 foot..... | \$0.30 | \$0.10 |
| 602 Finest German. Double mixed; selected strain. .65 | | .25 |
| 610 Choice Mixed Double. All sorts..... | .50 | .10 |

MARGUERITE CARNATIONS

These are the most satisfactory of the annual pinks; and will bloom in four months after sowing the seed. The flowers are large, always perfect, fragrant and are produced continuously. If slightly protected the first winter, they will revive the following spring and bloom during that whole season.

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|---|-------------|---------|
| | Large Pkt. | Pkt. |
| 604 Excelsior Mixed. Immense flowers in all the beautiful shades | \$0.40 | \$0.15 |
| 605 Pink | .40 | .10 |
| 606 White | .40 | .10 |
| 607 Scarlet | .40 | .10 |
| 608 Yellow | .40 | .10 |
| 609 Choice Mixed | oz., \$1.00 | .25 .10 |

CENTAUREA (Perennial)

Large feathery flowers; splendid for cutting; entire summer.

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|--|------------|--------|
| | Large Pkt. | Pkt. |
| 658 Pulcherrimus. Delicate pink; 2½ feet..... | \$0.50 | \$0.15 |
| 655 Montana. Blue; 18 inches | .30 | .10 |
| 657 " Alba. White..... | .30 | .10 |

CERASTIUM (Snow in Summer)

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|---|-----|-----|
| 662 Tomentosum. Dwarf, white-leaved edging plant; flowers white; 4 inches..... | .40 | .15 |
|---|-----|-----|

CHRYSANTHEMUM (Perennial)

- | | | |
|---|-----|-----|
| 666 Comtesse de Chambord (Golden Paris Daisy). Single, beautiful clear yellow flowers..... | .20 | .10 |
| 667 Frutescens Grandiflorum (Paris Daisy or Marguerite). Single flowers, white with yellow eye | .20 | .10 |
| 671 Shasta Daisy, "Alaska." The finest of all; single white flowers on long stems; 2 feet.. | .65 | .20 |
| 673 King Edward VII. Flowers extra large; pure white and of perfect form..... | .25 | .10 |
| 675 Princess Henry. Immense white flowers, 4 in. across; 18 inches..... | .25 | .10 |
| 685 Japanese Hybrids. Large flowers of the finest types; an extra choice mixture; 18 inches.. | .65 | .15 |

CINERARIA

One of the most ornamental and useful plants for conservatory or house decoration; seed may be sown from May to September for a succession. *Our Grandiflora Prize Strain* is the best procurable, producing immense trusses of the largest flowers, often measuring up to 4 inches across.

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|---|--------|--------|
| 691 Grandiflora Prize Dwarf. Mixed colors; plants of dwarf habit..... | \$0.75 | \$0.35 |
| 693 Grandiflora Prize Medium Tall. Mixed colors; desirable as a decorative plant..... | .75 | .35 |
| 699 James' Giant Strain. A superb variety; mixed | 1.25 | .50 |
| 707 Sutton's Superb. Mixed colors. Original pkt. | | .75 |
| 700 Matador. Large bright red flowers..... | | .35 |
| 695 Hybrida. Choice mixed colors..... | .65 | .25 |
| 702 Radiata Hybrida. New varieties of the Star Cineraria in a wide range of colors and shades | .75 | .20 |
| 703 Stellata (Sutton's). Medium sized star-like flowers. Original pkt..... | | .75 |
| 705 Stellata Hybrida. Of graceful and vigorous habit, producing a profusion of elegant flowers | .75 | .25 |

CLEMATIS

Hardy perennial climbers; fine for arbors, verandas, etc.

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|---|------------|------|
| | Large Pkt. | Pkt. |
| 710 Flammula. Feathery-white, fragrant flowers. \$0.15 | \$0.05 | |
| 712 Jackman's Large Flowering. Mixed; saved from the finest, large flowering sorts..... | .40 | .15 |
| 714 Paniculata (Japanese Virgin's Bower). The beautiful autumn flowering variety so much admired for its fragrant, white star-shaped flowers | .20 | .10 |



Cyclamen, Michell's Distinctive Giant

CYCLAMEN

MICHELL'S "DISTINCTIVE" GIANT

Grown for us in England by a Specialist who has received numerous First Prizes for the large size and beautiful coloring of the flowers.

790 Duke of Connaught. Crimson.....	100 Seeds	Pkt.	
792 Excelsior. White with red eye.....			\$1.50 \$0.50
794 Grandiflora Alba. White.....			1.50 .50
796 Princess of Wales. Pink.....			1.50 .50
798 Salmon Queen. Salmon pink.....			1.50 .50
799 Mixed. All colors.....			1.25 .40

REGULAR GIGANTEUM STRAIN

Grown for us by a Specialist in Germany.

780 Giganteum Album. White	1.00	.35
782 " Roseum. Pink	1.00	.35
784 " Rubrum. Red	1.00	.35
786 " White with carmine eye.....	1.00	.35
788 " Mixed. Choicest strain.....	1.00	.25
801 " Glory of Wandsbek. Extra large; salmony red color	1.75	.35

VARIOUS CYCLAMEN

800 Mrs. Buckston. Frilled and waved flowers; color delicate salmon. Original pkt.....		.75
805 Rokoko Erecta. Flowers large, upright, beautifully fringed and borne on straight, upright stems; mixed colors.....	1.50	.50
802 Papilio (Butterfly). The edges of the flowers are beautifully fringed, or waved; mixed colors	1.50	.40
	Large Pkt.	Pkt.
804 Persicum. Choice mixed.....	.40	.10
806 Sutton's Giant. Choicest mixed. Original pkt.....		.75

DAISY, ENGLISH DOUBLE (Bellis Perennis)

These are strictly biennials, and seed should be sown from June 1st till September, transplanted in the fall, and they will flower the following spring. If sown in the spring they will flower in the autumn; 4 inches.

856 Monstrosa, Pink. This strain produces the largest and most perfectly double flowers of any	\$0.65	\$0.25
858 Monstrosa, White .....	.65	.25
857 " Mixed .....	.65	.25
859 Longfellow. Large double pink flowers.....	.40	.10
860 Snowball. Purest white; large and double...	.40	.10
861 Double Mixed .....	.40	.10

DICTAMNUS (Gas Plant)

925 Fraxinella. Showy bushy plants 2½ feet high, rosy pink flowers; perennial; June and July.15	.05
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DELPHINIUM (Hardy Larkspur)

Highly prepossessing plants of stately appearance; of easiest culture they are readily the most popular of all hardy plants. Their main season of bloom is in June, but if the flower-spike is cut back promptly it will branch and flower all through fall.

878 Kelway's Giant. Plants are of strong, vigorous growth, with immense spikes of large flowers; many shades of blue; 5 to 7 feet. Large pkt., 50c.; 15c. per pkt.

871 Belladonna. One of the most continuous blooming varieties; immense spikes of clear turquoise blue flowers; 5 feet. Large pkt., 65c.; 25c. per pkt.

883 Hybridum Mixed. A splendid mixture; 4 feet. Oz., 40c.; 15c. per large pkt.; per pkt., 5c.

884 Amos Perry. Semi-double; rosy mauve, flushed sky blue. Large pkt., 50c.; 15c. per pkt.

885 Duke of Connaught. Oxford blue with white eye. Large pkt., 50c.; 15c. per pkt.

877 Formosum. Deep blue; 5 feet. Oz., \$1.00; 20c. per large pkt.; per pkt., 10c.

880 Formosum Coelestinum. Sky blue. Large pkt., 30c.; 15c. per pkt.

875 Chinense Grandiflorum. A dwarf strain with loose branches and sprays of bright blue flowers; 2 feet. Oz., 50c.; 15c. per large pkt.; per pkt., 5c.

874 Chinense Grandiflorum Album. Pure white flowers. Oz., 50c.; 15c. per large pkt.; per pkt., 5c.

873 Cashmerianum. Dark blue; 18 inches. Large pkt., 50c.; 10c. per pkt.

876 Elatum (Bee Larkspur). Rich blue; 4 feet. Oz., \$1.00; 25c. per large pkt.; per pkt., 10c.

886 Mme. Violet Geslin. Semi-double; clear blue, lge. pkt. Pkt. lavender centre, white eye..... \$0.50 \$0.15

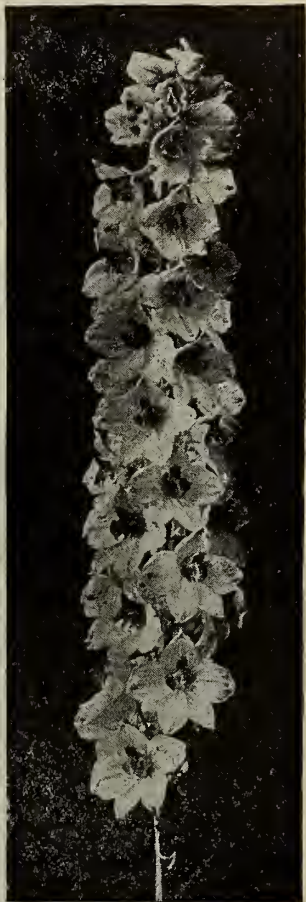
879 Nudicaule. Bright scarlet; 18 inches..... .50 .10

887 Portia. Cornflower blue, dark centre..... .50 .15

888 Queen Wilhelmina. Soft lavender blue, flushed with rose, white eye..... .50 .15

889 Rembrandt. Bright sky blue, inner petals rosy lavender

881 Zalil. Sulphur yellow; 4 feet..... .50 .10



Delphinium-Kelway's Giant

DIANTHUS (Hardy Garden Pinks)

917 Erfurt. Of dwarf, compact growth; blooms early; very fragrant; mixed colors.....	.65	.15
919 Clove Scented. Double and semi-double varieties, in beautiful colors; fragrant.....	.40	.10
920 Latifolius Atrococcineus (Everblooming Hybrid Sweet William). Double, brilliant red.....	.25	.10
921 Pheasant's Eye. Single white fringed flowers with dark centre.....oz., 60c.	.15	.05
923 Double Scotch. Choice mixed colors.....	.40	.15

DIGITALIS (Foxglove)

Handsome ornamental hardy plants of stately growth, succeeding almost anywhere. Produces long spikes of beautiful tubular-shaped flowers; blooms during June and July; 4 to 5 feet.

924 Gloxiniaeflora, Lilac	\$0.75	\$0.15	\$0.10
927 " Pink .....	.75	.15	.10
928 " Purple .....	.75	.15	.10
929 " White .....	.75	.15	.10
930 " Mixed .....	.60	.15	.05
932 Monstrosa (Mammoth Foxglove). The tall spikes are surmounted by one monstrous flower; all colors mixed.....oz., \$1.25	.30	.10	

EDELWEISS (*Gnaphalium*) Large pkt. Pkt.
 950 **Leontopodium.** The famous Alpine flower, suitable for rock work, etc.; 6 inches.....\$0.40 \$0.15

EUPATORIUM

975 **Fraseri.** Tall bushy plants with loose heads of feathery white flowers; perennial; 2 feet. .20 .10

FERNS

Very desirable plants for ferneries.

985 **Adiantum** (*Maiden Hair*). Mixed..... .65 .15
 989 **Pteris Varieties.** Mixed..... .65 .15
 991 **Choice Mixed.** Choice collection..... .65 .15

We can also furnish all other varieties of ferns.



Gaillardia, Grandiflora

GAILLARDIA (*Blanket Flower*)

Compact tufts of silvery gray foliage with slender 2-foot spikes of gorgeously colored daisy-like flowers of immense size; flowers all summer; hardy perennial. Large pkt. Pkt.

1020 **Grandiflora Compacta.** A compact variety; choice mixed colors; 12 to 15 inches.....\$0.20 \$0.10
 1022 **Grandiflora Superba.** Splendid mixed, 2 feet; oz., 50c. .15 .10
 1021 **Grandiflora Sanguinea.** Blood red flowers; 2 feet25 .15
 1030 **Sulphurea Oculata.** Sulphur yellow, maroon eye30 .10
 1029 **Semi-Double.** Mixed..... .30 .10

GENTIANA (*Blue Gentian*)

1035 **Acaulis.** Dwarf hardy perennial; deep blue flowers; suited to moist, shady situations.. .20 .10

GERBERA (*Transvaal Daisy*)

Splendid greenhouse perennials with large fine leaved, daisy-like flowers; splendid for pot plants or cutting.

1049 **Jamesoni Gigantea.** Extra large flowers of brightest scarlet\$1.25 \$0.25
 1047 **Jamesoni Hybrida.** These hybrids produce many colors and shades..... 1.25 .25

GOLDEN ROD (*Solidago Canadensis*) Lge. pkt. Pkt.

1065 A well-known hardy perennial; deep golden yellow flowers; 2 feet.....\$0.15 \$0.05

GYPSOPHILA (*Baby's Breath*)

1105 **Paniculata.** Hardy perennial; flowers in graceful sprays of white; 2 feet....oz., 40c. .15 .05
 1106 **Paniculata, fl. pl.** Double white..... .65 .20

HELENIUM (*Sneeze-Wort*)

1108 **Autumnale Superbum.** Perennial; succeeding in almost any kind of soil; large heads of golden yellow flowers; 5 to 6 feet; fall..... .30 .10

HELIOPSIS (*Orange Sunflower*) Lge. pkt. Pkt.
 1112 **Pitcheriana.** Hardy perennial; deep orange yellow flowers the entire summer; excellent for cutting; 3 to 4 feet.....oz., 50c.\$0.15 \$0.10

HEUCHERA (*Alum Root*)

1125 **Sanguinea.** Splendid plant; spikes of vivid crimson flowers; excellent for cutting; 1 ft. .40 .10

HIBISCUS (*Marshmallow*)

Showy, ornamental plants, having large sized, beautiful bell-shaped flowers; perennial. Large pkt. Pkt.

1133 **New Giant** (*Mallow Marvel*). Mixed\$0.40 \$0.15
 1130 **Crimson Eye.** Large white flowers with crimson centre; 4 feet.....oz., 60c. .15 .10
 1132 **Golden Bowl.** Giant yellow, maroon centre.. .20 .10
 1131 **Moscheutos.** Rosy red with dark centre.... .15 .05
 1134 **Palustris.** Large pink flowers; 3 feet..... .20 .05

HOLLYHOCK

One of the most popular and desirable of hardy perennial plants; excellent for planting among shrubbery or forming a background for other flowers; 6 to 7 feet.

CHATER'S IMPROVED DOUBLE HOLLYHOCK

	Oz.	Large pkt.	Pkt.
1149 Pink	\$1.25	\$0.30	\$0.10
1150 Maroon	1.25	.30	.10
1151 Red	1.25	.30	.10
1153 Salmon	1.25	.30	.10
1155 White	1.25	.30	.10
1157 Yellow	1.25	.30	.10
1159 Choice Mixed	1.00	.25	.10
1160 Single Mixed .....	.75	.20	.10
1161 Imported Collection. 6 colors.....			.40
1163 Imported Collection. 12 colors.....			.75

1146 **Allegheny.** Semi-double; mammoth flowers, edges fringed and lacinated; mixed; oz. \$1.00 .25 .10
 1147 **Double Ever-blooming.** Colors range from white to deep black, yellow, pink, red and purple in mixture.....oz., \$1.25 .30 .15
 1148 **Single Ever-blooming.** Mixed.....oz., \$1.00 .25 .10

INCARVILLEA (*Hardy Gloxinia*)

1184 **Delavayi.** Deeply cut hairy foliage with stout stalks terminated with 3 to 5 most beautiful pink, gloxinia-like flowers; May; 15 inches .50 .25

IRIS (*Flowering Flag*)

1194 **Kaempferi** (*Japanese Iris*). Perennial; blooms the second year from seed; mixed colors... .20 .10

LATHYRUS LATIFOLIUS (*Everlasting or Perennial Pea*)

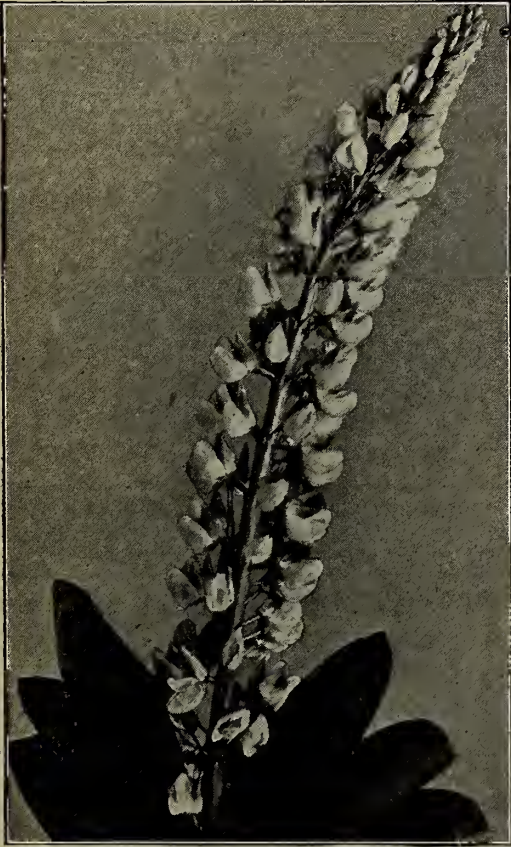
Free flowering, resembling Sweet Peas in growth, foliage and flowers; excellent for cutting. Oz. Large pkt. Pkt.

1210 **Crimson.** Brilliant\$0.40 \$0.15 \$0.10
 1212 **Pink Beauty.** Bright rosy-pink..... .60 .15 .10
 1214 **White**50 .15 .10
 1216 **Choice Mixed.** All colors40 .15 .05



Gypsophila Paniculata, fl. pl.

LAVENDER (<i>Lavendula Vera</i>)		Large Pkt.	Pkt.
1220	Well-known perennial plant bearing long spikes of fragrant blue flowers; 18 inches.	\$.15	\$.05
LILY OF THE VALLEY (<i>Convallaria Majalis</i>)			
1225	Lovely plants, bearing pure white, fragrant, bell-shaped flowers early in spring.....	.25	.10
LOBELIA (<i>Cardinal Flower</i>)			
1237	<i>Cardinalis</i> . Hardy perennial; tall spikes of bright scarlet flowers, very showy.....	.50	.10



Lupinus

LUPINUS (*Lupin*)

A valuable and showy flower, blooming in six to eight weeks after sowing; valuable for cutting; seeds sown in greenhouse during the late summer and fall months will produce an abundance of bloom for winter.

		Oz.	Large Pkt.	Pkt.
1268	Pink Beauty . Delicate salmon pink...	\$.50	\$.15	\$.10
1265	Blue .....	.30	.15	.05
1267	Pink .....	.30	.15	.05
1269	Red .....	.30	.15	.05
1271	Scarlet, White Tipped .....	.30	.15	.05
1273	White .....	.30	.15	.05
1275	Yellow .....	.40	.15	.10
1277	Mixed . Annual varieties.....	.20		.05

LUPINUS (*Perennial Varieties*)

1278	Polyphyllus Roseus, Pink .....	.20	.10
1280	“ Blue .....	.15	.05
1281	“ White .....	.15	.05
1279	“ Mixed	Oz., \$.30	.15 .05

LYCHNIS

Perennials of easy culture; most effective in beds or borders.

1285	Chalcedonica (<i>Rose Campion</i>). Fine scarlet cross-like flowers; 2 feet; July.....	Oz., 40c.	\$.15	\$.05
1286	Flos Cuculi . Bright red, fringed flowers; 2 ft..		.30	.10
1287	Haageana . Brilliant, large, orange, scarlet, pink, or crimson flowers; mixed; 1 ft.; July		.20	.10

LYTHRUM (*Rose Loose-Strife*)

1288	Roseum Superbum . Plants grow 3 feet high and produce spikes of rosy flowers from July to September; perennial.....		.15	.10
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MIGNONETTE

Valuable for cutting on account of its fragrance; sow in succession during the whole summer; may also be forced in greenhouses during winter.

1356	Michell's Colossal . Foliage, stalks and flowers are very robust. The flower-spike often averaging 18 inches; extremely fragrant...	\$.50	\$.15
1354	Hoehl's Giant Flowering . Very large spikes.	.65	.15
1340	Allen's Defiance . Spikes invariably attain a height of 12 to 15 inches; deliciously fragrant	Oz., 60c.	.20 .10
1345	Bismarck . Compact plant of strong growth; stout spikes of large flowers.....		.25 .10
1355	Machet . Large reddish tinted, sweet scented flowers	Oz., 50c.	.15 .10
1352	Goliath . Giant spikes of brilliant red flowers		.20 .10
1363	Sutton's Giant . Reddish buff, original pkts..		.30
1365	Sweet Scented . The popular garden sort;		Oz., 15c. .05
1367	Imported Collection, 10 Varieties .....		.50

MONARDA (*Bee Balm or Bergamot*)

1382	Didyma . Tall plants crowned with whorls of salvia-like, deep scarlet flowers; very showy and attractive; perennial; 4 ft.; July-August	.65	.15
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MUSA ENSETE (*Abyssinian Banana*)

1385 A handsome tropical plant for planting individually or for the centre of beds; foliage broad and massive and very effective; 10 to 15 feet. Seeds should be started in wet moss placed over heat. Per 10 seeds, 25c.



Myosotis (*Forget-Me-Not*)

MYOSOTIS

Neat and beautiful little plants with star-shaped flowers, succeeding best in a moist semi-shaded situation; for spring flowering sow in July and transplant in the fall

1391	Alpestris Victoria . Of bushy habit; bearing large bright blue flowers; very fine; 6 in....	\$.30	\$.10
1395	Eliza Fanrobert . Large flowering, bright blue	.20	.10
1399	Grandiflora Alba . Large white flowers; 6 in.	.25	.10
1400	Grandiflora Rosea . Large pink flowers; 6 in.	.25	.10
1401	Palustris . The true Forget-Me-Not; bright blue flowers; 6 in.....	.40	.10
1405	Royal Blue . Upright grower; blue; 1 foot...	.40	.10
1406	Ruth Fischer . A compact plant with light blue flowers; splendid for pots.....	.65	.25
1407	Choice Mixed . Various shades of blue, rose and white	Oz., 75c.	.20 .05

MYOSOTIS (*Perennial Forget-Me-Not*)

These differ from the biennial by reappearing each year in heavier plants and more numerous flowers; 8 in.; all summer.

1393	Dissitiflora . Deep green foliage and attractive deep blue flowers.....	\$.40	\$.10
1403	Palustris Semperflorens . Dwarf; blooms the entire season; deep blue.....	.30	.10

MICHELL'S GIANT PANSIES

GIANT PANSIES—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.

			¼ Oz.	Large pkt.	Pkt.
1535	Giant Prize Azure Blue.	Violet blue	.....	\$1.00	\$0.50 \$0.15
1537	" " Black Blue.	Dark velvety	.....	1.00	.50 .15
1539	" " Emperor William.	Ultra-marine blue	.....	1.00	.50 .15
1541	" " Hortensia Red.	Scarlet	.....	1.25	.50 .15
1543	" " King of the Blacks.		.....	1.00	.50 .15
1545	" " Lord Beaconsfield.	Violet	.....	1.00	.50 .15
1549	" " Peacock.	Upper petals blue, lower petals deep claret with white margin	.....	2.00	.50 .15
1551	" " Snow Queen.	Pure white	.....	1.00	.50 .15
1553	" " Striped and Mottled		.....	1.00	.50 .15
1557	" " White with dark eye		.....	1.00	.50 .15
1559	" " Pure Yellow		.....	1.00	.50 .15
1561	" " Yellow with dark eye		.....	1.00	.50 .15



Michell's Giant Exhibition Pansy

Seed sown in frames during July and August and transplanted later gives us the main crop of flowers the following spring. Pansies thrive best in moist semi-shady situations.

PANSIES IN MIXTURES

		Large pkt.	Pkt.
1595	Michell's Giant Exhibition. A blending of our own containing only the very choicest the specialists in Europe have to offer; it can be relied upon to produce flowers of immense size, very heavy texture and of the most brilliant colors. Per oz., \$6.00; 1/8 oz., \$1.00.	\$0.65	\$0.25
1608	Triumph of the Giants Mixed. Immense flowers of great brilliancy and richness of coloring, including many new and rare shades. Per oz., \$8.00; \$2.25 per 1/4 oz.	.75	.50
1597	Bugnot, Odier and Cassier. A superb mixture of giant blotched varieties.	1/8 oz., \$1.00 .65	.25
1599	Giant Trimardeau. Very large flowering; all colors mixed.	1/4 oz., \$0.50 .40	.10
1600	Mad. Perret. Early flowering, fragrant, especially rich in red shades.	1/4 oz., \$1.25 .65	.25
1601	Masterpiece (Frisled Pansy). Flowers beautifully curled or waved.	1/4 oz., \$1.50 .65	.25
1605	Odier or Blotched. Beautiful strain.	1/4 oz., \$1.25 .65	.15
1607	Parisian Large Stained. Choicest colors.	1/4 oz., \$0.75 .50	.15
1609	Finest English Mixed.	oz., \$1.50 .30	.10
1611	Very Fine Mixed	oz., .75 .20	.05
1613	Imported Collection. 6 colors.	.40	.10
1614	Imported Collection. 12 colors.	.75	.15

SPECIAL OFFER. We will send 6 packets of any of the above varieties of Giant Pansies for 75c.; or the entire 12 pkts. for \$1.40.

PANSIES—Regular Sorts in Separate Colors

		Oz.	Large pkt.	Pkt.
1565	Belgian Striped. Showy	.....	\$1.50	\$0.30 \$0.10
1567	Emperor William. Ultramarine blue	.....	1.50	.30 .10
1569	Faust (King of the Blacks)	.....	1.50	.30 .10
1571	Gold Margined. Purple, golden edge	.....	1.50	.30 .10
1573	Havana Brown	.....	1.50	.30 .10
1575	Lord Beaconsfield. Violet	.....	1.50	.30 .10
1577	Lahogany Colored	.....	1.50	.30 .10
1579	Silver Edged. Purple, silver edge	.....	1.50	.30 .10
1581	Snow Queen. Pure white	.....	1.50	.30 .10
1577	White with dark eye	.....	1.50	.30 .10
1585	Yellow Gem. Pure yellow	.....	1.50	.30 .10
1587	Yellow with dark eye	.....	1.50	.30 .10

SPECIAL OFFER. We will send 6 packets of any of the above varieties of regular sorts of Pansies for 50c.; or the entire 12 packets for 90c.

PENTSTEMON (Beard Tongue)

A beautiful perennial plant producing large spikes of handsome flowers.

		Large pkt.	Pkt.
1643	Barbatus Torreyi. Spikes of brilliant coral red, very effective; 3 to 4 feet.	.....	\$0.15 \$0.10
1646	Digitalis. Spikes of white flowers, with purple throat; July and August.	.....	.15 .10
1647	Hartwegi Albus (New). Large, open throated, gloxinia-like blooms, clear white, 2 1/2 feet.	.....	.25
1644	Sensation. Plants produce large spikes of gloxinia-like flowers of the most brilliant colors; 2 feet; requires protection.	.....	.40 .15
1645	Mixed. Produces large spikes of handsome flowers; 3 feet	.....	.15 .05

HARDY PHLOX

1725	Decussata. For a gorgeous show these are the most satisfactory of all perennials; plants 2 feet high, in all bright colors; sow seeds late in fall and they will germinate in the spring; 1/4 oz., 60c.30 .10
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PHYSOSTEGIA (False Dragon Head)

A pretty hardy perennial, bearing freely, delicate tubular flowers; 3 to 4 feet; July-August.

		Large pkt.	Pkt.
1732	Virginica. Pink	.....	\$0.20 \$0.10
1733	" Alba. White	.....	.30 .10

Baltimore, Md., April 4, 1915.
Gentlemen:—The Pansy seed you sent me is the best I ever handled; many of the blooms measure three inches in diameter. We had visitors to-day who remarked on these pansies—how large they were.
Yours very truly,
G. M. A.

PLATYCODON (Chinese Bell Flower)

A very desirable perennial, of erect bushy growth; very handsome for garden decoration.

	Large Pkt.	Pkt.
1735 Grandiflorum, Blue. Hardy perennial; large bell-shaped flowers; 2 to 3 feet.....	\$0.15	\$0.05
1736 Grandiflorum, White .....	.15	.05
1737 Japonicus Fl. Pl. (Double Japanese Bell Flower). Large, glossy, deep blue flowers.....	.40	.15

POLYANTHUS (Primula Elatior)

Beautiful spring flowering hardy perennials, either for pot culture or for the garden; succeeds best in partial shade; 9 inches.

	Large Pkt.	Pkt.
1738 Gold Laced. Flowers of brilliant colors, with distinct yellow edge.....	\$0.50	\$0.15
1740 Double Mixed. Beautiful colors.....	.65	.15
1741 English Mixed. The best single.....	.30	.10



Poppy—Oriental Hybrids

POPPY (Perennial)

	Large Pkt.	Pkt.
1782 Giant Scarlet (Bracteatum). Extra large flowers; 3 feet	\$0.15	\$0.10
1784 Iceland (Nudicaule) Single Mixed. Colors range from white and yellow to deep orange scarlet; useful for cutting; 12 ins.....	.20	.10
1783 Iceland, White .....	.20	.10
1785 " Yellow .....	.20	.10
1786 " Double Mixed. 1 foot.....	.30	.10
1787 Orientele. Extra large flowers; deep scarlet.....	.25	.10
1791 " Mrs. Perry. Rich salmon pink.....	.40	.10
1789 " Parkmanni. Deep crimson.....	.40	.10
1792 " Psyche. Delicate rosy blush.....	.40	.10
1793 " Trilby. Brilliant red .....	.40	.10
1788 " Hybrids. Beautiful flowers, often measuring 6 inches across, of many colors.....	.30	.10
1790 Imported Collection. Perennial poppies, 8 varieties.....	.40	

PUERARIA THUNBERGIANA (Kudzu Vine)

	Large Pkt.	Pkt.
1855 One of the fastest growing hardy climbing plants; grows 8 to 10 feet the first year from seed; after the first year it will grow 30 to 50 feet in a season; rosy purple pea-shaped blossoms	\$0.25	\$0.10

PYRETHRUM (Perennial)

1862 Roseum. Flowers bright rose color; July; 2 feet .....	.25	.10
1866 Uliginosum. Large, single white flowers; September; 6 feet .....	.30	.10
1868 Hybridum Single Mixed. Large flowers ranging in color from light pink to deep red, with bright yellow centres; July; 2 feet....	.20	.10
1869 Hybridum Double Mixed .....	.65	.25



Michell's Prize Chinese Primula

PRIMULA

FRINGED CHINESE PRIMROSE

Our strains are unsurpassed and have won many first prizes.

1819 Michell's Prize Mixture. This mixture contains only the very finest sorts selected from the best strains.....	Large pkt.	Pkt.
	\$0.75	\$0.25
1805 Alba Magnifica. White flowers with yellow eye .....	.75	.40
1806 Chiswick Red. Brilliant red.....	.75	.40
1808 Duchess. Large; white with zone of rosy carmine, yellow eye.....	.75	.40
1807 Holborn Blue. A beautiful shade.....	.75	.40
1809 Kermesina Splendens. Crimson.....	.75	.40
1811 Rosy Morn. Delicate pink.....	.75	.40
1813 Stellata (Sutton's). Excellent pot plant; mixed .....	.75	.25
1815 Fern Leaved. Choicest mixed colors.....	.75	.25
1825 Imported Collection. 8 varieties.....	.75	

PRIMULA OBCONICA GIGANTEA

A great improvement over the old type; flowers much larger.

	Large pkt.	Pkt.
1831 Lilacina. Pale lilac.....	\$0.65	\$0.20
1826 Rosea. Pink .....	.65	.20
1827 Kermesina. Crimson .....	.65	.20
1835 Alba. White .....	.65	.20
1829 Hybrida Mixed .....	.65	.20

PRIMULA OBCONICA GRANDIFLORA

1828 Compacta. Dwarf, compact plants with rosy lilac flowers .....	.65	.25
1830 Fimbriata. Flowers fringed; mixed colors..	.65	.15
1837 Vesuvius. Deep crimson .....	.65	.25
1833 Crispa. Flowers large, curled; color, from apple blossom pink to rose.....	.65	.20

VARIOUS SORTS

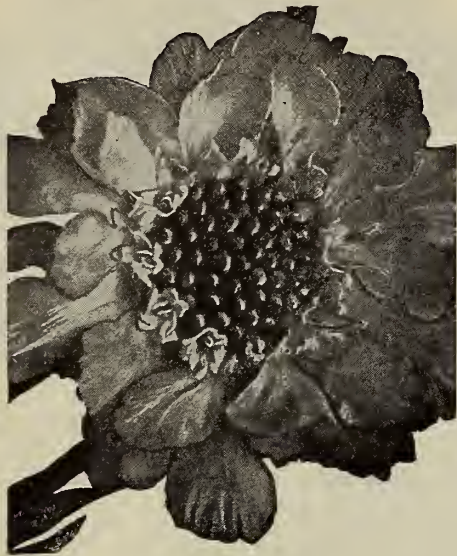
1842 Malacoides. Resembles Primula Forbesi; flowers larger; if grown in greenhouse will bloom in four to five months after sowing; light lilac .....	.65	.20
1841 Malacoides Rosea. Light rose to carmine rose .....	.65	.20
1843 Malacoides Alba. This new variety produces pure white flowers.....	.65	.20
1845 Primula Kewensis (Verbena Scented Yellow Primrose). Spikes each 12 to 18 inches long; color, soft yellow.....	.65	.25
1839 Buttercup. Yellow flowers; fine for pots....	.65	.25
1844 Forbesi (Baby Primrose). Small flowers; fine for pots; color, rosy lilac.....	.65	.15
1840 Cortusoides Sieboldii. Hardy perennial variety; also fine for pots; mixed colors....	.65	.15
1846 Veris (English Cowslip). Hardy perennial; fragrant; mixed .....	.20	.10
1848 Vulgaris (English Primrose). The common hardy English variety; canary yellow.....	.40	.10

RUDBECKIA (Cornflower)

1902 Newmani. Large yellow flowers with black centre; perennial; 2 feet; all summer.....	.40	.10
1904 Purpurea (Giant Purple Cone Flower). Hardy perennial; reddish purple flowers, with dark brown disc; 3 feet.....	.20	.10

SALVIA

1927 **Azurea Grandiflora.** Hardy perennial; producing during August and September spikes of pretty sky-blue flowers; 2 feet.....\$0.30 \$0.10



Scabiosa Caucasica

SCABIOSA

Handsome perennial border plants flowering the entire season.

	Large pkt.	Pkt.
1950 Caucasica. Soft blue	\$0.40	\$0.10
1948 Caucasica Alba. Pure white .....	.50	.10
1965 Japonica. Lavender .....	.40	.15

SCHIZANTHUS (Butterfly Flower)

One of our finest hardy annuals, bearing a profusion of pretty butterfly-like flowers of various colors; also desirable for winter blooming in pots.

	Large pkt.	Pkt.
1968 Grahami Niveus. Foliage finely cut with a profusion of snowy white flowers; 2 feet..	\$0.50	\$0.10
1970 Hybridus Grandiflorus. Free flowering plants covered with flowers of many shades of orchid-like appearance; 12 inches.....	.40	.15
1971 Wisetonensis. A showy variety, largely used as a pot plant for the house or conservatory; bears a profusion of flowers ranging from white with yellow centre to pink with brown centre.....	.50	.20
1973 Bridal Veil. Large, snowy white flowers....	.25	.05
1972 Mixed. Various colors.....	.15	.05

SMILAX

1985 A desirable greenhouse climber of great value for floral decorations; seed should be soaked 24 hours in warm water before sowing.

	oz.,	\$0.50	.15	.10
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STATICE (Everlasting Flower)

1993 **Latifolia.** Hardy perennial variety, with large, deep blue flowers; 2 feet.....

.25	.10
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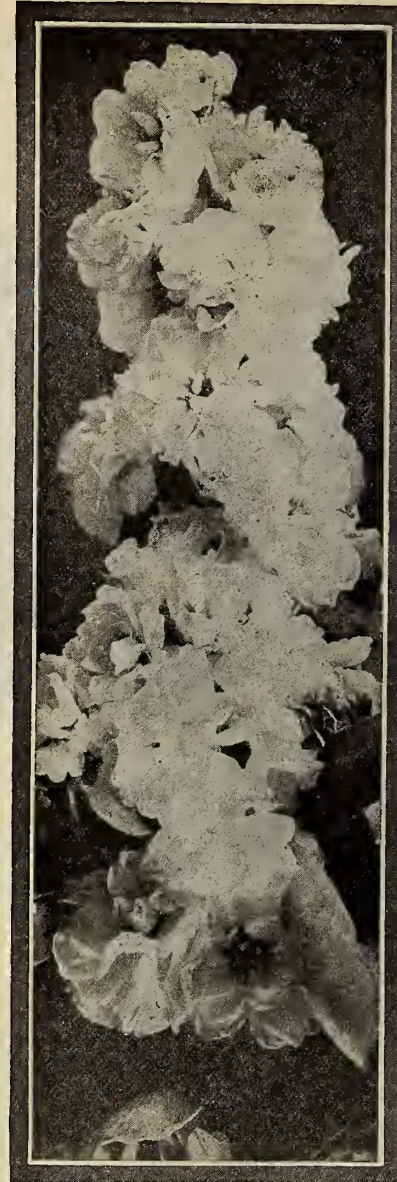
Michell's "Distinctive" Stocks

The seeds we offer are hand-saved from pot-grown specimens and will produce a large percentage of double flowers.

MICHELL'S FLOWER MARKET STOCK

This is the ideal stock for either garden, cutting or forcing under glass. Plants branch freely and produce from 10 to 15 heavy spikes of extra large perfect flowers; height, 2 feet.

	1/8 oz.	Large Pkt.	Pkt.
2053 White	\$0.75	\$0.40	\$0.15
2051 Flesh Color .....	.75	.40	.15
2052 Rose .....	.75	.40	.15
2050 Light Blue .....	.75	.40	.15
2049 Dark Blue .....	.75	.40	.15
2048 Blood Red .....	.75	.40	.15
2054 Mixed Colors .....	.75	.40	.15



Michell's "Nice Stock"

MICHELL'S COLUMN STOCK

Stout plants produce just one giant spike, lined with mammoth flowers; height, 3 feet.

	1/8 oz.	Large Pkt.	Pkt.
2027 Blood Red	\$0.75	\$0.40	\$0.15
2028 Pure White .....	.75	.40	.15

LARGE-FLOWERED DWARF TEN-WEEK STOCK

	1/8 oz.	Large pkt.	Pkt.
2010 Blood Red	\$0.50	\$0.30	\$0.10
2012 Light Blue .....	.50	.30	.10
2014 Pink .....	.50	.30	.10
2016 Purple .....	.50	.30	.10
2018 White .....	.50	.30	.10
2020 Yellow .....	.50	.30	.10
2022 Choice Mixed .....	.50	.30	.10
2023 Imported Collection. 8 varieties.....	.50		

VARIOUS STOCKS

2025 Wall-flower Leaved. Glossy deep green foliage with flowers in all shades.....	\$0.30	\$0.10		
2037 Brompton or Winter. Fine for forcing under glass or early summer flowering outdoor..	.40	.10		
2043 Princess Alice (Cut-and-Come-Again). Branching plants with double pure white flowers; fine for cutting.....	1/8 oz.,	50c.	.40	.10
2031 Bismarck. A splendid sort for cutting; immense pure white flowers are regularly lined along a colossal spike, often 30 inches in length, with many side shoots.....	.40	.15		
2045 White Lady. A new Winter Stock, with large double flowers of a lustrous snowy white..	.40	.20		

MICHELL'S "NICE" STOCK

An early flowering strain; remarkable free bloomer, producing an abundance of large double, fragrant flowers on a single plant; fine for garden bedding or cutting.

2035 **Beauty of Nice.** Delicate soft pink. Pkt., 15c.; 40c. large pkt.

2036 **Crimson King.** Brilliant fiery crimson. Pkt., 15c.; 40c. large pkt.

2038 **Queen Alexandra.** Delicate lavender. Pkt., 15c.; 40c. large pkt.

2034 **Victoria.** Pure white. Pkt., 15c.; 40c. large pkt.

2029 **Abundance.** Of dwarf spreading habit, bearing a profusion of flowers; color, a beautiful shade of carmine rose. Pkt., 15c.; 40c. large pkt.

2040 **La Brillante.** Rich brilliant crimson. Pkt., 20c.; 40c. large pkt.

2041 **Mme. Rivoire.** Early flowering; color, pure white. Pkt., 15c.; 40c. large pkt.

STOKESIA (Cornflower or Stokes' Aster)

Dwarf tufts with stout flower stalks, 15 inches high, with large Aster-like flowers; perennial; July to October.

		Large Pkt.	Pkt.
2055	Cyanea. Light blue	\$0.25	\$0.10
2057	" Alba. Pure white.....	.30	.10

SUNFLOWER (Helianthus)

Showy perennials blooming the whole summer.

		Large Pkt.	Pkt.
2078	Golden Bouquet. Single yellow flowers, 5 ft.....	\$0.25	\$0.10
2079	Choice Mixed. Single flowering.....	.40	.10

SWEET PEAS

Michell's Christmas or Winter Flowering
ESPECIALLY ADAPTED FOR FORCING

2245	Michell's Snowdrift. Pure white; black seeded; extra early; large flowers on long stems	Pkt.	Oz.	1/4 lb.
		\$0.10	\$0.35	\$1.00
2125	Christmas Captain. Blue and purple..	.10	.25	.75
2126	" Meteor. Scarlet .....	.10	.25	.75
2127	" Pink. Pink and white.....	.10	.25	.75
2129	" White (Florence Denzer)....	.10	.25	.75
2174	Le Marquis. Large dark blue.....	.10	.25	.75
2203	Mrs. Alex. Wallace. Lavender.....	.10	.25	.75
2206	Mrs. Chas. H. Totty. Lavender.....	.10	.25	.75
2209	Mrs. F. J. Delansky. Daybreak pink..	.10	.25	.75
2210	Mrs. Geo. Lewis. Pure white .....	.10	.25	.75
2213	Mrs. William Sim. Salmon pink.....	.10	.25	.75
2211	Mrs. W. W. Smalley. Satin pink.....	.10	.25	.75
2257	Watchung. Pure white .....	.10	.25	.75
2264	Mixed. Winter flowering.....	.10	.25	.75

NEW WINTER FLOWERING SWEET PEA

ROSE QUEEN (Orchid Type)

Flowers are produced on long stems, extra large size and of an exquisite pink color. We offered this variety to our customers last season for the first time, and it gave the utmost satisfaction. New crop seed ready in August. Large packet, \$1.00.



Single Sweet William

SWEET WILLIAM (Dianthus Barbatus)

This is one of the finest of our hardy garden plants; of easy culture, thriving in any good garden soil and lasting for years. The plants grow about 1 1/2 feet high.

2306	Single Crimson	\$0.50	\$0.15	\$0.05
2307	" Red with white eye.....	.50	.15	.05
2308	" Velvety Maroon .....	.50	.15	.05
2309	" Violet with white eye.....	.50	.15	.05
2311	" White .....	.50	.15	.05
2312	" Mixed. All colors .....	.30	.15	.05
2313	Pink Beauty. Fine salmon pink.....	.40	.15	.15
2315	Scarlet Beauty. Rich deep scarlet....	.50	.15	.15
2310	Auricula Flowered. A beautiful class of "eyed" single varieties, all colors mixed	.75	.15	.05
2314	Double Mixed	1.00	.20	.10

SWEET ROCKET (Hesperis)

2300	Mixed. Fragrant white and purple flowers; perennial; 2 to 3 feet.....	Large Pkt.	Pkt.
		\$0.15	\$0.05

TRITOMA (Red Hot Poker Plant)

2345	Uvaria Grandiflora. Large spikes of orange-scarlet flowers; perennial; 3 to 4 feet.....	.20	.10
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VALERIANA (Garden Heliotrope)

Hardy perennial border plants; fragrant flowers; 2 to 3 ft.

2348	Officinalis. Showy, rose pink flowers.....	Large Pkt.	Pkt.
		\$0.40	\$0.10
2350	Mixed .....	.15	.05

VERONICA (Speedwell)

An elegant hardy perennial of easy culture; valuable as a cut flower or for garden effect. Plants grow bushy and produce long spikes of flowers.

2373	Spicata. Bright blue; 18 inches.....	Large Pkt.	Pkt.
		\$0.30	\$0.10
2374	Virginica. White; 3 to 5 feet.....	.30	.10

VIOLA CORNUTA (Tufted Pansies)

These resemble pansies in shape and form, with the additional quality that they are of long stems, and appear uninterruptedly from early spring till snow flies.

2385	Admiration. Dark blue	Large Pkt.	Pkt.
		\$0.30	\$0.10
2386	Lutea Splendens. Rich golden yellow.....	.30	.10
2384	Mauve Queen. Lovely mauve color.....	.30	.10
2387	Perfection. Light blue .....	.30	.10
2388	White Perfection. Pure white.....	.30	.10
2389	G. Wermig. Of the identical color of the "Princess of Wales" violet.....	.20	

WALLFLOWER

While these are perennials, they are not perfectly hardy; the plants should be lifted late in the fall and planted in a cold-frame, and removed to the garden again in the spring; the flowers are fragrant and splendid for cutting; double varieties, 2 feet; single varieties, 1 1/2 feet.

2400	Double Brown	Large Pkt.	Pkt.
		\$0.50	\$0.10
2402	" Yellow .....	.50	.10
2404	" Mixed. All colors.....	.40	.10
2408	Single Mixed	Oz., 30c.	.15 .05
2410	Imported Collection. 6 double varieties.....		.50

Paris Extra Early. A single-flowering variety, which may be treated as an annual, flowering the first year from seed.

2407	Blood Red	Large Pkt.	Pkt.
		\$0.20	\$0.10
2409	Yellow .....	.20	.10
2406	Mixed. All colors.....	Oz., 50c.	.15 .10

MICHELL'S COLLECTION OF HARDY PERENNIAL FLOWER SEEDS

One packet each of the following varieties for \$1.25.

Aquilegia. Single Mixed.	Heuchera. Sanguinea.
Calliopsis. Lanceolata Grandiflora.	Hollyhock. Double Mixed.
Campanula. Pyramidalis.	Lobelia. Cardinalis.
Delphinium. Formosum.	Phlox. Decussata. Mixed.
Dianthus. Clove Scented.	Poppy. Orientale.
Digitalis. Gloxiniaeflora.	Pyrethrum. Single, Mixed.
Mixed.	Scabiosa. Caucasia.
Gaillardia. Grandiflora.	Stokesia. Cyanea.
Gypsophila. Paniculata.	Sweet William. Double.
	Mixture of Perennial Flowers

IMPORTED COLLECTIONS

HARDY PERENNIAL FLOWER SEEDS

Collection Containing 12 Distinct Sorts.....	\$0.40
Collection Containing 25 Distinct Sorts .....	.75

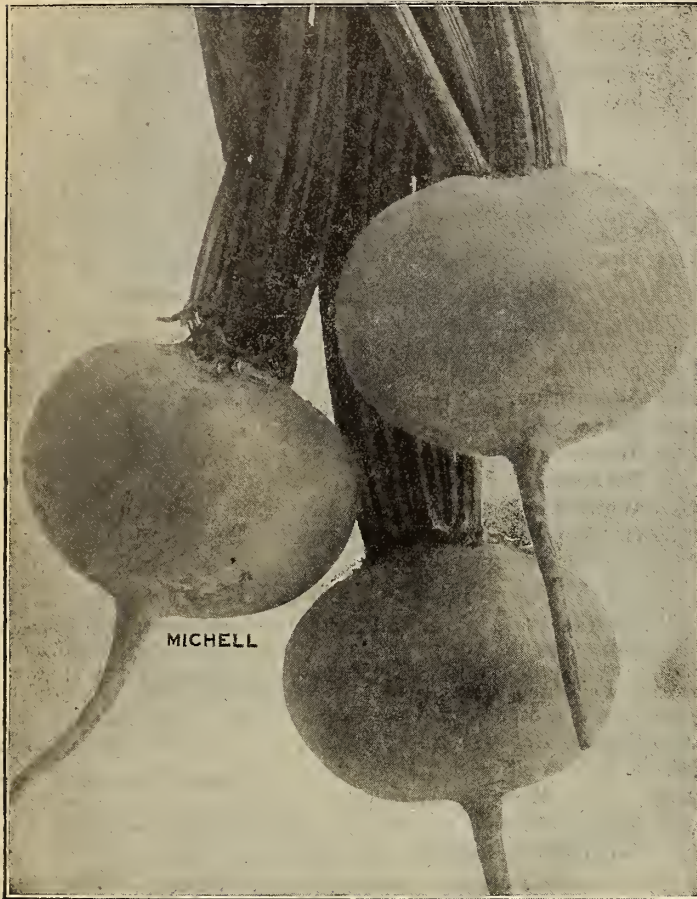
MICHELL'S PERENNIAL FLOWER GARDEN MIXTURE

To create an old-fashioned wild garden or to naturalize along roads or woods we highly recommend this mixture, as it contains many hundred varieties of the choicest old-fashioned flowers. Pkt., 10c.; 1 oz., 40c.; \$1.25 per 1/4 lb.

36 MICHELL'S SEASONABLE VEGETABLE SEEDS

For complete list see our General Seed Catalog, mailed free on request.

SPECIAL NOTE—We pay postage on all orders for vegetable seeds, provided the order calls for packets, ounces, ¼ lb. and pounds. Pints and quarts of Beans, Peas, Corn are not included. For these remit for postage. (Consult your Post Office for rates.)



Crosby's Egyptian Beet

BEET—Table Varieties

	Pkt.	Oz.	¼lb.	Lb.
Arlington Favorite Blood (Turnip).....	\$0.05	\$0.15	\$0.40	\$1.25
Bassano Extra Early (Turnip).....	.05	.10	.30	1.10
Bastian's Early Turnip.....	.05	.10	.30	1.00
Bastian's Half Long Blood .....	.05	.10	.30	1.00
Crimson Globe (Michell's Improved).....	.05	.15	.40	1.25
Crosby's Egyptian (Turnip).....	.05	.15	.40	1.25
Detroit Dark Red (Turnip).....	.05	.15	.35	1.20
Eclipse Extra Early (Round).....	.05	.10	.30	1.10
Edmand's Blood (Turnip).....	.05	.10	.35	1.15
Lentz Turnip .....	.05	.10	.30	1.00
Swiss Chard. Silver Leaved.....	.05	.10	.25	.75
Swiss Chard. Giant Lucullus .....	.05	.15	.40	1.20

BEANS—Green Podded, Dwarf Varieties

Large Packets of all varieties 10c. postpaid.

Parcel Post Weight of Beans: 1 pt. equals 1 lb.; 1 qt. equals 2 lbs.

	Pt.	Qt.	4 Qts.	Peck	Bush.
Best of All	\$0.15	\$0.30	\$1.00	\$1.90	\$7.25
Boston Navy or Pea.....	.15	.30	1.00	1.75	6.75
Early Long Yellow (6 weeks).....	.15	.30	1.00	1.75	7.00
Early Mohawk (6 weeks).....	.15	.30	1.00	1.90	7.25
Black Valentine .....	.20	.35	1.25	2.25	8.50
Longfellow, very fine variety.....	.15	.30	1.10	2.00	7.75
Mammoth Stringless or Giant Valentine .....	.20	.35	1.25	2.25	8.50
Red Valentine .....	.15	.30	1.10	1.75	7.00
Stringless Green Pod.....	.20	.35	1.25	2.25	9.00
Sion House (for forcing).....	.30	.60	2.00	3.50	

BEANS—Green Podded, Dwarf Varieties—Continued

	Pt.	Qt.	4 Qts.	Peck	Bush.
Triumph of Frames (for forcing).....	\$0.30	\$0.60	\$1.75	\$3.25	
White Kidney or Royal Dwarf.....	.15	.30	1.00	1.75	6.50
White Marrowfat (used shelled).....	.15	.30	1.00	1.75	6.75

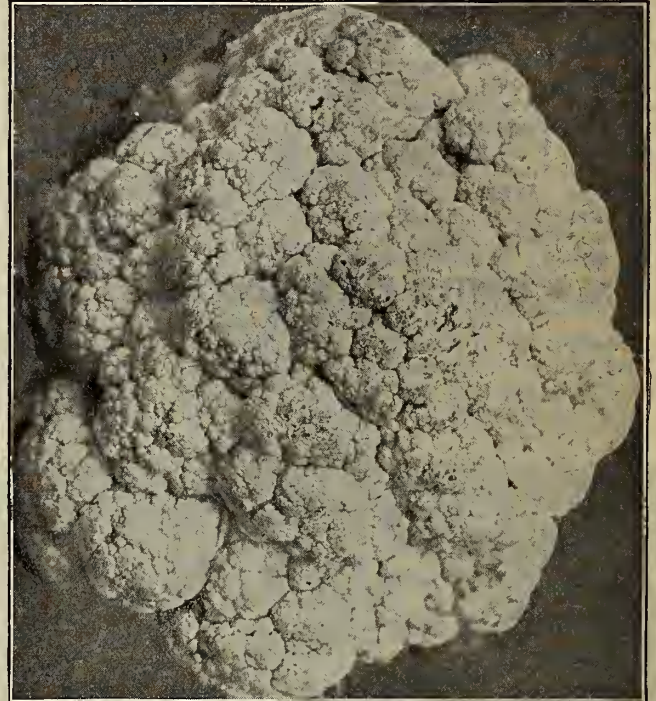
Also all other Varieties

BEANS—Wax or Yellow Podded

Parcel Post Weight of Beans: 1 pt. equals 1 lb.; 1 qt. equals 2 lbs.

Large Packets of all varieties 10c. postpaid.

	Pt.	Qt.	4 Qts.	Peck	Bush.
Black or German Wax.....	\$0.20	\$0.35	\$1.25	\$2.25	\$8.50
Currie's R. P. Golden Wax.....	.20	.35	1.30	2.25	8.00
Dwarf Golden Wax (Rust Proof).....	.20	.40	1.45	2.50	9.00
Stringless White Wax.....	.20	.40	1.40	2.50	9.25
Wardwell's Kidney Wax.....	.20	.40	1.45	2.50	9.75
White Wax .....	.20	.35	1.25	2.25	8.75



Michell's Selected Snowball Cauliflower

CAULIFLOWER

	Pkt.	¼Oz.	Oz.
Algiers, large late for outdoor.....	\$0.10	\$0.25	\$0.75
Danish Giant .....	.20	.80	3.00
Early Snowball (True), for forcing.....	.20	.85	2.75
Earliest Snow Storm, for forcing.....	.25	1.50	5.00
Half Early Paris, for outdoor use.....	.10	.20	.65
Matador, for forcing .....	.15	.75	2.75
Michell's Selected Erfurt (True).....	.20	.85	2.75
Veitch's Autumn Giant, for outdoor use....	.10	.20	.65

CORN, Sweet or Sugar—Connecticut Grown

Varieties that can be planted early in July. Large Packets 10c. postpaid.

Parcel Post Weight of Corn: 1 pt. equals 1 lb.; 1 qt. equals 2 lbs.

	Pt.	Qt.	4 Qts.	Peck	Bush.
Adams' Extra Early.....	\$0.15	\$0.25	\$0.80	\$1.25	\$5.00
Country Gentleman .....	.15	.30	1.00	1.50	6.00
Country Gentleman (Improved Strain) .....	.20	.35	1.25	2.25	8.00
Crosby's Extra Early.....	.15	.25	.75	1.25	5.00
Early Evergreen .....	.15	.25	.85	1.50	6.00
Early Giant Wonder .....	.20	.40	1.25	2.25	9.00
Early Mammoth .....	.15	.25	.80	1.25	5.00
Golden Bantam .....	.15	.30	1.00	1.75	7.00
Improved Ideal, a fine early sort.....	.15	.25	.90	1.50	6.00
Kendel's Early Giant.....	.15	.25	.90	1.50	6.00
Little Gem (Shoe Peg).....	.15	.30	1.00	1.50	6.00
Michell's Delicious .....	.20	.40	1.50	2.75	11.00
Stabler's Extra Early.....	.15	.25	.90	1.40	5.60



Corn Salad

CORN SALAD

	Pkt.	Oz.	¼ lb.	Lb.
Large Leaved, Round Seeded.....	\$0.05	\$0.10	\$0.25	\$0.70

CUCUMBER

Cumberland .....	.05	.10	.30	1.00
Davis' Perfect .....	.05	.15	.35	1.20
Cool and Crisp .....	.05	.10	.30	1.00
Emerald .....	.05	.10	.35	.90
Evergreen .....	.05	.10	.30	1.00
Japanese Climbing .....	.05	.15	.40	1.40
Jersey Pickle or Green Prolific.....	.05	.10	.30	1.00
Long Green Turkey (Improved).....	.05	.10	.30	1.00
Small Gherkin or Burr.....	.05	.15	.45	
White-Spined (Arlington Strain).....	.10	.15	.40	1.30
White-Spined (Improved Strain).....	.05	.10	.30	1.00

English Forcing Cucumbers

Ideal for growing out doors as well as under glass. They produce enormous fruits, generally 18 to 24 in. long and 3 in. in diameter.

	Pkt. of 12 seeds	Per 100 seeds
Lockie's Perfection	\$.25	\$2.00
Sion House .....	.25	2.00
Telegraph .....	.25	2.00
Tender and True .....	.25	2.00

CARROTS

	Pkt.	Oz.	¼ lb.	Lb.
Chantenay Half Long	\$0.05	\$0.15	\$0.40	\$1.25
Danvers Half Long .....	.05	.15	.40	1.25
Early Half Long Scarlet .....	.05	.15	.40	1.25
Early Scarlet Horn .....	.05	.15	.45	1.40
Guerande or Oxheart .....	.05	.15	.40	1.25
Improved Long Orange .....	.05	.15	.40	1.25
Rubicon Half Long .....	.05	.15	.40	1.25
Very Early Short Horn Scarlet or French Forcing .....	.05	.15	.40	1.25
White Belgian .....	.05	.10	.30	1.00

ENDIVE

Broad Leaved Batavian (Escarolle)..	.05	.15	.45	1.50
Giant Fringed .....	.05	.25	.75	2.50
Improved Green Curled .....	.05	.15	.45	1.50
White Curled, self-blanching.....	.05	.20	.45	1.50

KALE

Dwarf Green Curled German.....	.05	.10	.30	.90
Dwarf Green Scotch (New).....	.05	.10	.30	.90
New Imperial Long Standing.....	.05	.10	.30	.90



Davey's Big Boston Lettuce

LETTUCE

	Pkt.	½ Oz.	Oz.	¼ Lb.	Lb.
All Heart	\$0.10	\$0.15	\$0.25	\$0.75	\$2.25
All-Right, Spring and Autumn. .10	.15	.25	.75	2.50	
Big Boston (Selected Stock)... .05	.10	.20	.60	2.00	
Black Seeded Simpson..... .05	.10	.15	.45	1.50	
Boston Market or White Seeded					
Tennisball05	.10	.20	.50	1.50
Cabbage Head Giant10	.15	.25	.80	2.75
Davey's Improved Big Boston. .10	.20	.40	1.25		
Dutch Butter, Private Stock... .10	.15	.30	1.00	2.50	
Early Cabbage or White Butter .05	.10	.15	.45	1.50	
Early Curled Simpson..... .05	.10	.15	.45	1.50	
Emperor Forcing05	.10	.20	.50	1.60
Grand Rapids Forcing05	.10	.20	.50	1.50
Hanson Improved05	.10	.20	.50	1.50
Kingsholm Cos or Romaine... .05	.10	.20	.50	1.50	
Mammoth Salamander (True). .05	.10	.20	.50	1.75	
May King05	.10	.20	.60	2.00
Michell's "Number One"..... .10	.15	.30	1.00	3.00	
Silesian, loose leaved05	.10	.15	.45	1.50
Trianon Self-Folding Cos..... .05	.10	.20	.50	1.50	
Unrivald05	.10	.20	.60	2.00
Wonderful (forcing and summer use)05	.10	.20	.50	1.75

For other Varieties see our General Seed Book

MELONS FOR FORCING

	Pkt.
Blenheim Orange	\$0.25
Invincible Scarlet .....	.25
Windsor Castle .....	.25
Sutton's A No. 1 (original packets).....	.50

MELON NETS

For supporting melons in greenhouses to prevent them tearing down the vines or drop off in the process of ripening. \$1.00 per doz.; per 100, \$7.00.

38 MICHELL'S SEASONABLE VEGETABLE SEEDS

PARSLEY

	Pkt.	Oz.	¼ Lb.	Lb.
Champion Moss Curled.....	\$0.05	\$0.10	\$0.35	\$1.25
Double Curled (Covent Garden).....	.05	.10	.30	1.00
Hamburg or Rooted .....	.05	.15	.40	1.25

PEAS

Large Packets of all varieties roc. postpaid.

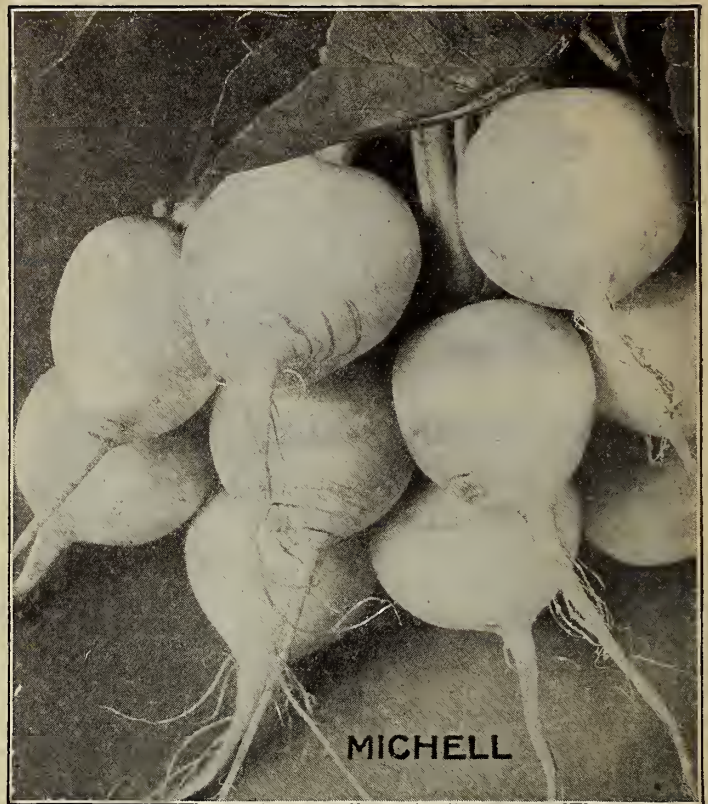
Parcel Post Weight of Peas: 1 pt. equals 1 lb.; 1 qt. equals 2 lbs.

	Pt.	Qt.	4 Qts.	Peck
Alaska (Extra Early)	\$0.15	\$0.30	\$1.10	\$2.00
American Wonder (Extra Early)....	.20	.35	1.25	2.25
Bliss, Abundance (Medium Early) ...	.15	.30	1.00	1.80
Champion of England (Late).....	.15	.30	1.10	1.75
Daisy or Dwarf Telephone (Medium)	.20	.35	1.25	2.25
Dandy (Extra Early), Michell's.....	.20	.35	1.30	2.25
Dwarf Sugar (Edible Pod).....	.20	.40	1.50	2.75
Early June .....	.20	.30	1.10	2.00
Early Morn .....	.20	.40	1.40	2.75
Eureka (Extra Early, True).....	.15	.30	1.10	2.00
Gradus or Prosperity (Extra Early)..	.25	.45	1.60	2.75
Heroine (Medium Early).....	.20	.35	1.25	2.25
McLean's Little Gem (Extra Early)..	.20	.35	1.25	2.25
Long Island Mammoth (Medium)...	.15	.30	1.10	2.00
Ameer (Early) .....	.20	.35	1.25	2.25
Michell's Special Extra Early .....	.25	.45	1.75	3.25
Nott's Excelsior (Extra Early).....	.20	.35	1.20	2.25
Nott's Excelsior (Improved Strain)..	.25	.40	1.50	2.75
Sutton's Excelsior (Early).....	.25	.40	1.40	2.25
Stratagem (Improved Late).....	.20	.35	1.25	2.25
Telephone (Late).....	.15	.30	1.10	2.00
Thos. Laxton (Very Early).....	.25	.45	1.60	2.75
White Marrowfat (Late).....	.15	.25	.90	1.50

For other Varieties see our General Seed Book

RADISH

	Pkt.	Oz.	¼ Lb.	Lb.
Beckert's Chartier (Long Scarlet)...	\$0.05	\$0.10	\$0.30	\$0.75
Black (½ Long Winter).....	.05	.10	.30	1.00
Black Spanish (Long Winter).....	.05	.10	.25	.75
Black Spanish (Round Winter).....	.05	.10	.25	.75
Brightest Scarlet (½ Long).....	.05	.10	.20	.60
California White Winter.....	.05	.10	.25	.75
Cardinal Globe .....	.05	.10	.30	1.00
Cardinal Globe (Improved Strain)...	.05	.15	.40	1.25
Celestial or White Chinese (Winter)..	.05	.10	.30	1.00
China Rose (Winter).....	.05	.10	.25	.70
Crimson Giant (New).....	.05	.15	.35	1.00
Fireball .....	.05	.10	.30	.85
French Breakfast .....	.05	.10	.30	.85
Golden Olive Shaped (Yellow).....	.05	.10	.20	.65
Icicle (Long, Pure White).....	.05	.10	.30	.85
Icicle (Improved Strain).....	.05	.15	.40	1.25
Large White Summer (Turnip-Shaped)	.05	.10	.20	.60
Long Scarlet Short Top.....	.05	.10	.25	.80
Long White Lady Finger.....	.05	.10	.25	.75
Round Red Forcing or Button.....	.05	.10	.30	.85
Round White Forcing or Button.....	.05	.10	.30	.85
White Box (Felton's Private Stock)..	.05	.15	.30	1.00
White Box (Philadelphia Grown)....	.05	.10	.25	.75
White Strasburg (½ Long).....	.05	.10	.20	.70



Michell's (Improved Strain) Cardinal Globe Radish

SPINACH

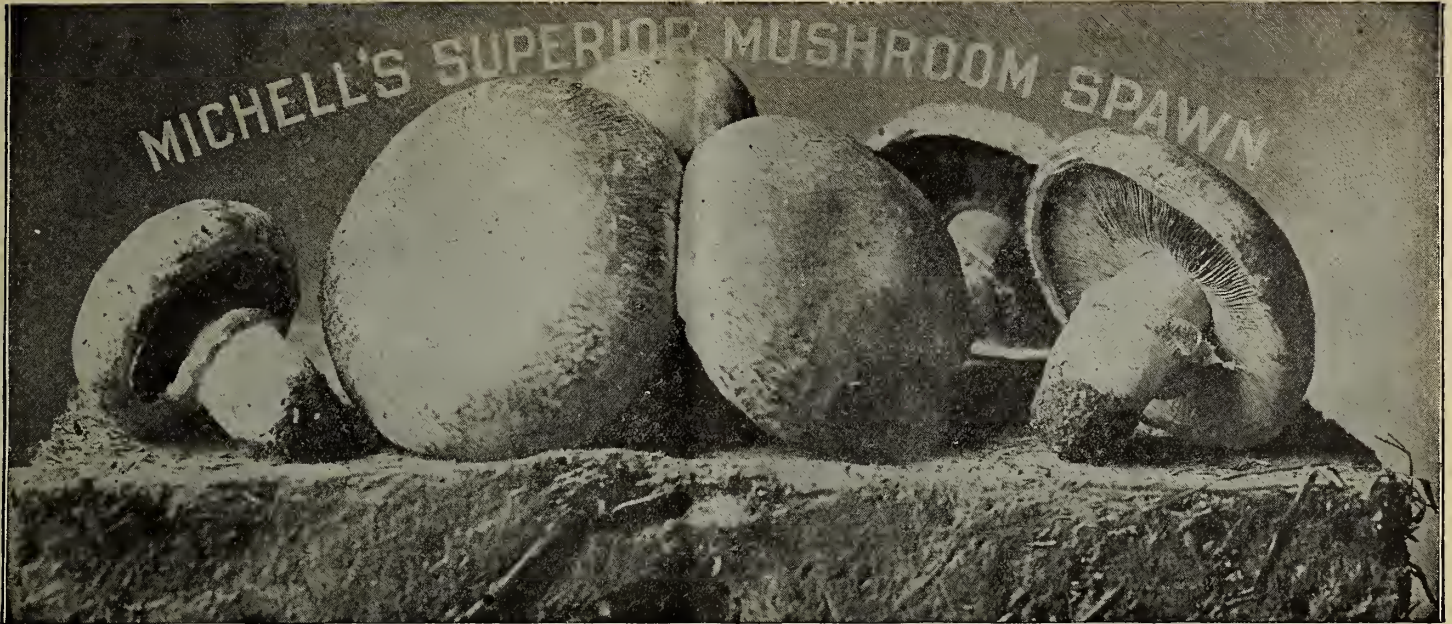
	Pkt.	Oz.	¼ Lb.	Lb.	5 Lb.
Bloomsdale Savoy		\$0.05	\$0.15	\$0.40	\$1.75
Bloomsdale Savoy (Improved Strain)	\$0.05	.10	.20	.50	2.00
Long Season (New).....	.05	.10	.20	.50	2.25
New Zealand .....	.05	.10	.30	1.00	
Victoria (Long Standing).....		.05	.15	.40	1.75

TOMATOES—Adapted for Forcing

	Pkt.	½ Oz.	Oz.
Best of All (Sutton's) in original Pkts.....	\$0.10	\$0.25	\$0.50
Comet .....	.10	.20	.35
Eclipse (Sutton's) in original Pkts.....	.50		
Fillbasket (Imported) in original Pkts.....	.50		
Frogmore Select .....	.10	.20	.40
Michell's Crackerjack .....	.15	.30	.60
Stirling Castle .....	.10	.20	.40

TURNIP AND RUTA BAGA

	Pkt.	Oz.	¼ Lb.	½ Lb.	Lb.
Cow Horn	\$0.05	\$0.10	\$0.20	\$0.35	\$0.60
Early Purple Top, Flat.....	.05	.10	.20	.35	.60
White Globe (Private Stock)..	.05	.15	.35	.50	1.00
Purple Top White Globe.....	.05	.10	.25	.40	.75
Robertson's Golden Ball.....	.05	.10	.20	.30	.50
Ruta Baga, Yellow Purple Top. .05	.10	.25	.40	.75	
Ruta Baga, Private Stock Globe .05	.15	.35	.65	1.25	
Snow Ball, Extra Early, White. .05	.10	.20	.35	.60	
White Flat Dutch, Strap Leaved .05	.10	.20	.30	.50	
White Milan, Extra Early.....	.05	.10	.25	.45	.85
Yellow Aberdeen, Flat.....	.05	.10	.20	.35	.60
Yellow Globe or Amber.....	.05	.10	.20	.35	.60



BRIEF CULTURAL DIRECTIONS FOR GROWING MUSHROOMS

THIS delicacy is within the reach of any one who has a greenhouse or a cellar. A crop is produced with good spawn, a little care and patience in about 4 to 6 weeks, and continues in bearing about two months. New beds can be started at intervals which will give a supply the entire season. The first planting can be made in July, the last in March. Summer spawned beds do not bear well.

Get a quantity of absolutely fresh horse manure and remove the excessive heat by turning it once a day, for 3 days, or until the temperature has fallen to about 100°. Then form a bed 8 to 10 inches deep and allow it to remain undisturbed until the temperature has fallen to 80°. Now is the time to plant the spawn. Break the bricks in pieces the size of a walnut, and place at regular intervals of 1 to 2 inches below the surface of the bed in distance to plant 8 square feet with one brick, compress the manure after spawning to make the bed solid. Nothing now must be done until the bed has a whitish appearance which shows that the spawn is running, nor must it be watered previously. Now place a layer of fine sifted soil, (which should be procured in advance) to the depth of 1 to 2 inches on the bed. With an occasional sprinkling when dry, the bed should begin to produce in from 4 to 6 weeks from spawning time, conditions being favorable. *New beds must be made at each planting.*

Send for our free booklet "Mushrooms, How to Grow Them Successfully."

MICHELL'S SUPERIOR ENGLISH MUSHROOM SPAWN

15c. per brick. *Parcel Post Weight, per brick, 1 1/4 lbs.* Per doz., \$1.60; 25 lbs., \$2.50; \$8.00 per 100 lbs.

LAMBERT'S AMERICAN PURE CULTURE SPAWN

This type produces larger mushrooms than the English, coming into bearing somewhat earlier, and continuing to crop for a long time. This spawn is produced by selecting spores from individual specimen mushrooms and is propagated and transferred to the bricks of manure, which, when planted, produce mushrooms all of one type.

Standard No. 8 Cream White. For use from April to October.

Standard No. 9 Pure White. For use from October to April.

Prices of Pure Culture Spawn. Standard Bricks.

Brick. <i>Parcel Post Wt.,</i>	10 bricks.....	\$2.00
1 1/4 lbs.	25 "	4.00
5 bricks	50 "	7.00

Direct No. 8 Cream White. For use from April to October.

Direct No. 9 Pure White Type. For use from October to April.

Prices of Pure Culture Spawn. Direct Bricks.

This strain is the earliest and produces a greater quantity than the "Standard."

Brick. <i>Parcel Post Wt.,</i>	10 bricks.....	\$2.30
1 1/4 lbs.	25 "	5.60
5 bricks	50 "	10.50

BRANDYWINE PURE CULTURE SPAWN

This is an entirely new strain originating in the section of Pennsylvania that supplies the New York and Eastern markets with mushrooms. It appears to be especially full of life, and we can recommend it as an early and prolific producer; mushrooms are uniform and almost pure white in color.

Brick. <i>Parcel Post Wt.,</i>	10 bricks.....	\$2.30
1 1/2 lbs.	25 "	5.60
5 bricks	50 "	10.50



MUSHROOM OR HOT BED THERMOMETERS

Mailed at customer's risk only.

No. 5981. Heavy Brass Point style. <i>Parcel Post Wt.,</i>	\$1.50
No. 20350. Heavy Iron Point style. <i>Parcel Post Wt.,</i>	1.00

BOOKS ON GROWING MUSHROOMS

Pamphlet (gratis for a postal card asking for it).

Robinson's Book (postpaid).....	\$0.50
Falconer's Book (postpaid).....	1.00

We are Headquarters for Mushroom Spawn



MICHELL'S RECLEANED GRASS SEEDS

August and September are ideal months for sowing Grass Seeds

MIXTURES FOR LAWNS

Michell's Top Notch. 25 lbs. per bushel. The finest Lawn Mixture in existence. It is not put up or sold in less quantity than one peck. Prices: \$2.00 per peck; per $\frac{1}{2}$ bushel, \$3.75; \$7.00 per bushel of 25 lbs.; 2 bushels, \$13.50; \$32.50 per 5 bushels; 100-lb. lots and over, 26c. lb.

Michell's Green Velvet. 20 lbs. per bushel. Produces a perfect lawn in 4 to 5 weeks' time. Sow 4 bushels per acre. Prices: 1 pint, 20c.; 30c. per qt.; 4 qts., 85c.; \$1.25 per peck; per bushel, \$5.00; \$24.00 per 5 bushels; 100-lb. lots and over, 24c. lb.

Michell's Evergreen. 20 lbs. per bushel. The standard Lawn Mixture in the United States. Sow 4 bushels per acre. Prices: Pint, 15c.; 25c. per qt.; 4 qts., 65c.; \$1.00 per peck; bushel (20 lbs.), \$4.00; \$19.50 per 5 bushels; 100-lb. lots and over, 19 $\frac{1}{2}$ c. lb.

Michell's Shaded Lawn Grass. Will produce perfect swards in the most densely shaded places. Prices: 1 pint, 15c.; 25c. per qt.; 2 qts., 40c.; 75c. per 4 qts.; peck, \$1.25; \$5.00 per bushel (20 lbs.); 5 bushels, \$24.00; 100-lb. lots and over, 24c. lb.

Fairmount Park Lawn Seed. Sow 4 bushels to the acre. Prices: Per qt., 20c.; 35c. for 2 qts.; 4 qts., 60c.; 85c. per pk.; per bush. of 15 lbs., \$3.00; \$14.50 for 5 bush.; 100 lbs. and over, 19c. lb.

Michell's Seashore Formula Grass Seed. Contains such grasses as thrive in salt air regions. 4 bu. per acre. Prices: Per qt., 25c.; 40c. for 2 qts.; 4 qts., 75c.; \$1.25 per pk.; per bush. of 20 lbs., \$5.00; 5 bush. for \$24.00; 100 lbs. and over, 24c. lb.

Michell's Terrace or Embankment Grass Seed. Sow 4 bushels per acre. Prices: Per qt., 25c.; 40c. for 2 qts.; 4 qts., 75c.; \$1.25 per pk.; per bush. of 20 lbs., \$5.00; 5 bush., \$24.00; 100 lbs. and over, 24c. lb.

Southern States Lawn Grass Seed. Made up especially for dry, hot localities, especially suited to the Southern States. 15 lbs. per bushel. Prices: 20c. per qt.; 2 qts., 35c.; 60c. for 4 qts.; pk., \$1.00; \$3.50 per bu.; 5 bu., \$16.25; 100 lbs. and over, 21c. lb.

Special Sod Grass Seed. Producing a heavy sod in a short time. 15 lbs. per bushel. Prices: 25c. per qt.; 2 qts., 40c.; 75c. for 4 qts.; pk., \$1.00; \$4.00 per bush.; 5 bush., \$18.75; 100 lbs. and over, 25c. lb.

MIXTURES FOR LAWNS—Continued

Woodland's Grass Mixture. A mixture of hardy grasses, that have given splendid satisfaction in thickly wooded locations (Norway Maples and Pine Trees excepted). \$1.00 per pk. (5 lbs.); per bushel of 20 lbs., \$4.00; \$19.50 for 5 bushels; 100 lbs. and over at 19 $\frac{1}{2}$ c. lb.

MIXTURES FOR PLEASURE GROUNDS

Michell's Fair Greens (Golf Course) Mixture

Composed of short-growing, deep-rooted varieties, resists plenty of wear. It retains its color well during the severest droughts. Golf courses to retain their permanency should receive additional sowings during the season. Sow 6 bushels per acre.

Prices: Qt., 25c.; 2 qts., 45c.; 4 qts., 75c.; 1 peck, \$1.25; 1 bu. (20 lbs.), \$4.50; 5 bu., \$21.25; 100-lb. lots and over, 21 $\frac{1}{4}$ c. lb.

Michell's Putting Greens Mixture

While many greens keepers prefer to make their own mixtures for this purpose, there are some who rely on the ability and experience of the seedsman. Our formula for this has been reached after many extensive tests. It is a quick-growing mixture of short, thin-bladed grasses, over which the ball can roll without resistance. In sowing Putting Greens it is wise economy to be very liberal with the seed, as these places are subjected to hard use. We do not recommend less than 1 bushel of 20 lbs. (and more is better) to a green 75 foot square.

Prices: 1 qt., 30c.; 4 qts., \$1.00; 1 peck, \$1.75; 1 bush. (25 lbs.), \$7.00; 5 bush., \$32.50; 100-lb. lots and over, 26c. lb.

Teeing Grounds Mixture. 20 lbs. per bushel. Used on golf courses or in places where a tough resisting turf is wanted. 25c. qt.; 4 qts., 65c.; \$1.00 per peck (5 lbs.); bushel (20 lbs.), \$4.00.

WHITE CLOVER

Choice recleaned for sowing on lawns, pastures, etc. Sow 10 to 12 lbs. per acre (60 lbs. per bu.). $\frac{1}{4}$ lb., 15c.; 55c. lb.; 5 lbs., \$2.70; \$5.25 for 10 lbs.; bu. (60 lbs.), \$28.50; \$47.50 per 100 lbs.

Note—All Grass Mixtures except Putting Greens and Golf Course contain white clover. Any of them, however, can be furnished without this.



MICHELL'S RECLEANED GRASS SEEDS

August and September are ideal months to sow Grass Seeds

Michell's Permanent Pasture Grass Seed. The prevalent method of sowing timothy and clover has been found not only costly but too short-lived to answer the purpose. The old custom has given way to the new, which is the sowing of a mixture of permanent grasses. Michell's Permanent Pasture Grass Seed is composed of about 10 of the best growing and most nutritious grasses and clovers for stock feeding or grazing. One sowing will last many years, although we advise additional sowings each autumn. Sow 3 to 4 bushels per acre on new lands or 2 bushels on established pastures (15 lbs. per bushel). Prices: Per qt., 20c.; 4 qts., 50c.; peck, 85c.; bush. (15 lbs.), \$3.00; 5 bush., \$13.75; 100-lb. lots, 18c. lb.; 200-lb. lots and over, 17c. lb.

Poultry Yard Grass Seed Formula. Germinates very quickly and makes a sod that grows luxuriantly. 20c. qt.; per 2 qts., 35c.; 60c. for 4 qts.; peck, 85c.

Michell's Permanent Hayfield Grass Seed. While timothy is still extensively sown for this purpose, this mixture is gradually being adopted by the progressive farmer. Its main advantages are that certain grasses in the mixture will grow better in varying conditions of soil, thus giving a full crop of hay on land that otherwise might produce but a half crop of timothy and clover. Our formula is the outcome of thorough trials in every kind of soil. Sow 3 to 4 bushels per acre on new lands, or 2 bushels on established fields (15 lbs. per bushel). Prices: Per qt., 20c.; 4 qts., 50c.; peck, 85c.; bush. (15 lbs.), \$3.25; 5 bush., \$14.00; 100-lb. lots, 18c. lb.; 200-lb. lots and over, 17c. lb.

White Clover. Choicest re-cleaned for sowing on lawns, pastures, etc. Sow 10 to 12 lbs. per acre (60 lbs. per bu.). ¼ lb., 15c.; 55c. lb.; 5 lbs., \$2.70; \$5.25 for 10 lbs.; bu. (60 lbs.), \$28.50; \$47.50 per 100 lbs.

GRASSES IN SEPARATE VARIETIES

Prices Subject to Market Changes

We handle the best re-cleaned grass seeds in separate varieties. Some persons like to do their own mixing or prefer to sow only one kind of grass; we make no charge for mixing.

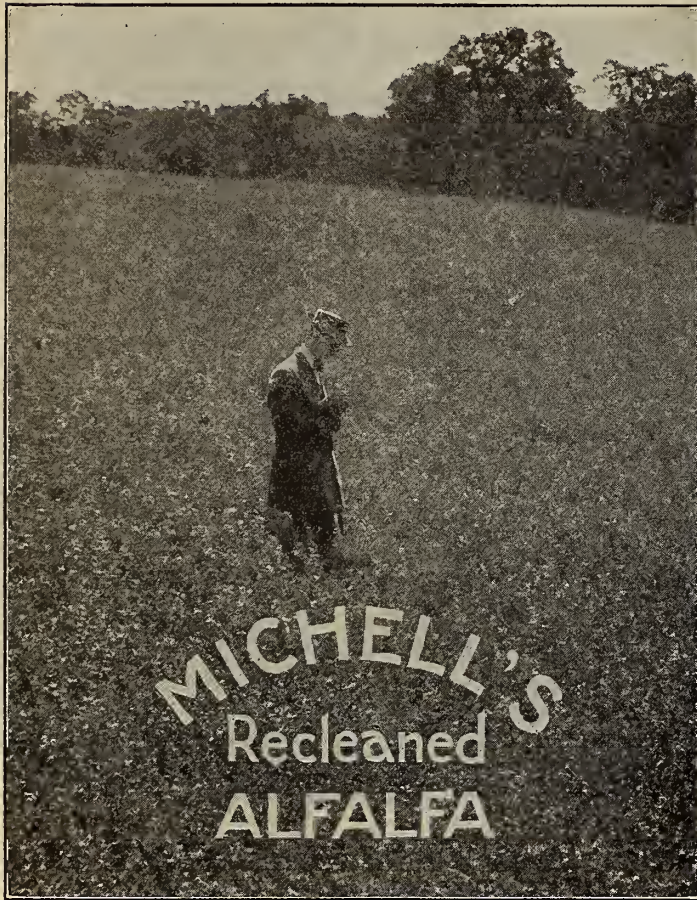
Lbs. per bush.	Lb.	Bush.	100 lbs.
	Bermuda Grass .....\$0.75		
14	Blue Grass (Kentucky). Extra Fancy, 3 to 5 bu. per acre (60c. per peck).....	.20	\$2.25 \$13.00
14	Blue Grass (Canadian). 3 to 5 bu. per acre	.15	2.00 10.00
20	Creeping Bent. 4 bu. per acre.....	.55	10.00 45.00
21	Crested Dogtail. 3½ to 4 bu. per acre.	.40	7.00 30.00
24	English Rye (Pacey's Fancy Perennial Rye), fine for lawns. 3 bu. per acre....	.15	2.50 10.00
14	Fine Leaved Sheep's Fescue.....	.50	6.00 37.50
32	Herd or Red Top. Fancy re-cleaned.....	.50	14.40 42.00

Lbs. per bush.	Lb.	Bush.	100 lbs.
10	Herd or Red Top. Unhulled. 4 to 5 bu. per acre	\$0.20	\$1.60 \$14.00
12	Hard Fescue. 30 lbs. per acre.....	.30	3.00 22.00
18	Italian Rye. 50 lbs. per acre.....	.15	2.00 10.00
22	Meadow Fescue. English Blue Grass...	.20	3.25 14.00
12	Orchard. 40 lbs. per acre.....	.30	3.25 22.00
14	Red or Creeping Fescue.....	.30	3.75 25.00
14	Rhode Island Bent. 40 lbs. per acre.....	.55	5.95 45.00
12	Sheep's Fescue. 40 lbs. per acre.....	.30	3.00 22.00
	Sudan Grass.		
	Sweet Vernal (Perennial). (5 lbs., \$2.75)		
	3 lbs. per acre with other grass.....	.60	50.00
	Sweet Vernal (Annual). (5 lbs., \$1.40)		
	3 lbs. per acre with other grass.....	.30	25.00
10	Tall Meadow Oat (French Rye Grass)..	.30	2.50 22.50
45	Timothy Seed. ½ bu. per acre alone....	.15	
15	Various Leaved Fescue.....	.35	4.50 27.50
14	Wood Meadow. 30 lbs. per acre.....	.50	6.00 40.00

NOTE.—Prices on separate varieties of grasses subject to market changes.

42 MICHELL'S RECLEANED FARM SEEDS

In ordering Farm Seeds, always allow 22c. for each 2 bushel bag. These are returnable at the price charged.



An Alfalfa field will prove a good investment on any farm

CLOVERS

Alfalfa or Lucerne (*Medicago Sativa*). The most valuable forage crop on the American farm today, and can be truly termed a mortgage lifter. It is sown during May, August and September, these being the best months for success, although it can be sown at other times with a possible chance of doing well. Careful preparation of the soil previous to sowing is the main thing. Our special Circular on Alfalfa goes into this carefully and is free for the asking. Sow not less than ½ bushel (30 lbs.) per acre preferably with no other crop. *Our seed is always over 99% pure*, and will invariably give the best of results. Price, per lb., 25c. Write for price on larger quantities, as it changes.

Alsike or Swedish Clover (*Trifolium Hybridum*). One of the best for mixing with timothy; it is perfectly hardy in every climate or soil condition and seldom has to be reseeded. Under ordinary conditions it grows from 1 to 2 feet high, is sown early in the spring or late summer and early autumn. It is as nutritious as red clover and is rapidly coming to the front as a valuable farm crop. The flower resembles the white clover except that the head is larger and has a red tinge on the edge. Sow 10 to 15 lbs. per acre alone or 8 lbs. per acre with timothy. Price, 25c. lb. Price on larger quantity on application.

Bokhara or Sweet Clover (*Melilotus Alba*). While extensively used as a bee food, this is a valuable variety for soiling (green manure); for sowing in spring on lands which are later to be sown in Alfalfa, this is an excellent article. It inoculates the ground and seems to render it more capable of insuring a good stand of Alfalfa than if it is not used. It grows from 3 to 5 feet high, according to soil and location; can be cut often as three times in a season if wanted for forage. Sow 15 lbs. per acre in early spring alone, or 10 lbs. per acre with other crops. We handle only the true white flowering hardy variety. Price, 35c. per lb.; 10 lbs., \$3.00.

CLOVERS (Continued)

Crimson Clover (*Trifolium Incarnatum*). Delaware Grown Seed. This is used principally for soiling or green manuring, for which purposes it is highly valuable. If desired for feed, cut it just before it flowers. When desired for green manure it should be allowed to mature; its height is from 1 to 2 feet. Sow any time from April to October, the earlier the better, 20 lbs. to the acre. If sown in early spring it can be plowed down the first year, although no other crop can be raised on the field that season. Fall or late summer seeding makes it possible to use the field the following season. It is not hardy for more than one season and must be sown each year, flowers crimson. Price, 15c. per lb.; larger quantity prices on application.

Mammoth Red Clover (*Trifolium Pratense Perenne*). Sometimes called Sapling or Pea Vine Clover and English Cow Grass. This differs from the "Medium," being of a ranker growth and yielding more fodder per acre. It ripens somewhat later and is more hardy, lasting several seasons longer than the medium red clover. It also does well on poorer soils. The seed cannot be distinguished from the former. Our supply, however, is strictly reliable. Sow in early spring or in July and August, using 20 lbs. per acre alone or with other crops 10 lbs. per acre; flowers pink. It can be harvested several times in a season. 25c. per lb.; larger quantity prices on application.

Red Clover, Medium (*Trifolium Pratense*). More widely known and used than any other, used principally for hay purposes. Height from 18 inches to 2½ feet. Sow early in the spring or in late summer—July and August; if alone, 20 lbs. per acre; if with other crops, 10 lbs. per acre. A red clover field can usually be cut twice in a season. It is not hardy for a period of years, being usually resown every third season; flowers pink. Price, 25c. lb.; larger quantity price on application.

White Dutch or Lawn Clover (*Trifolium Repens*). This is valuable for pasturage; it succeeds where other clovers and grasses fail, and it seldom dies out. It can be sown at all seasons although early spring is best; flowers greenish white. Sow 10 to 12 lbs. per acre if alone or 5 lbs. if sown on old turf or with other crops. ¼ lb., 15c.; 55c. lb.; 5 lbs., \$2.70; \$5.25 for 10 lbs.; bu. (60 lbs.), \$28.50; \$47.50 per 100 lbs.

COW PEAS

Sow 2 bushels per acre broadcast or 1 bushel per acre in drills.

Black. One of popular varieties extensively grown. It is very prolific and matures early. It is of upright growth, consequently preferred for ploughing under or for raising stock.

Large Black Eye. An exceedingly heavy cropper, but late to mature. In the South, the seed of this variety is sold for dried peas for household use, and it is claimed they are quite delicious.

Whippoorwill. Medium early, upright growing variety, extensively used, more than any other. The seed is brown and gray speckled. It is a heavy producer of both pods and fodder. Some claim this variety gathers more nitrogen than others.

New Era. Of upright growing habit, quick to mature and remarkably prolific in both vines and pods. The seed is smaller and requires only from ¾ to 1 bushel for sowing an acre.

Grey Crowder. A favorite, early, upright growing variety. Makes a good growth of vine, which can be easily cut and dried as dry forage.

Prices: These fluctuate constantly; will be quoted on request.

FARMOGERM (Nitrogen Bacteria)

Those desiring maximum crops, should inoculate their clovers before sowing with Farmogerm, particularly Alfalfa. It is easily applied, and will return its cost many times. Clovers inoculated with Farmogerm are capable of gathering as high as the equivalent of one ton of nitrates per acre from the air. Descriptive circular free. Price of Farmogerm, ¼ acre bottle, 50c.; \$2.00 one acre bottle; 5 acre bottle, \$6.00.



A field of Japanese Buckwheat

BUCKWHEAT

In the locality of Philadelphia this is sown anywhere from June 1st to August 1st; one bushel of 48 lbs. broadcast to the acre. It makes a very fine quality of flour, and is largely used for poultry food. For planting adjacent to game preserves it provides excellent food for the birds. The flower makes ideal bee food; while the straw is very abundant. Our seed is grown by a specialist in New York State, who procures his seed stock every few years from Japan. Any of the clover crops can be sown with buckwheat, these to mature the following season. Buckwheat frequently yields as much as 80 bushels to the acre.

Silver Hull. Late maturing variety; grain making whiter flour; very prolific.

Japanese. Very early variety. Dark, large grain.
Price of Buckwheat, 15c. per quart; per peck, 50c.
For larger quantities, price on application.

BARLEY

There is a threefold purpose in growing barley. Its straw is good for green feed or when cured, as hay. The grain in the hull is excellent poultry feed and with the latter removed is used in the household. It is a quick growing crop and very nutritious. If wanted for hay it should be cut while the grain-head is in a soft or milky condition. Sow broadcast 1½ to 2 bushels per acre from May 15th to July 15th. 48 lbs. per bushel.

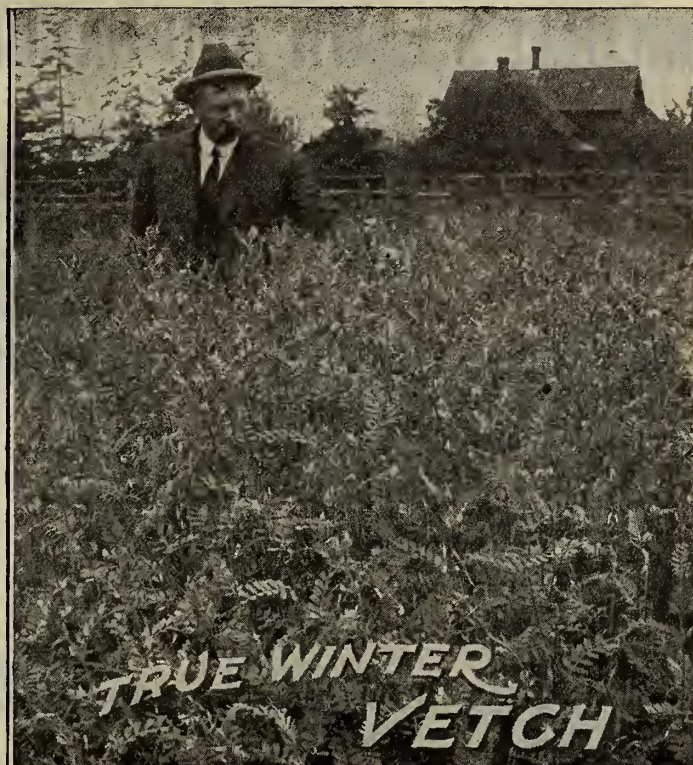
Beardless. New York grown stock frequently yields 50 bushels per acre. 10c. qt. Larger quantity, price on application.

WINTER RYE

Penna. Large White. Sow 1 to 1½ bushels per acre during fall. An excellent green food in spring, and may be used for turning under or harvesting. 10c. qt.; peck, 45c.; \$1.50 per bu.

RECLEANED TIMOTHY

Our stock is of very best quality; for sowing among wheat as a second-year hay crop or for sowing alone for a first-year hay crop this is extensively used. Sow ½ bu. per acre alone or 6 to 8 qts. with wheat. 15c. lb. Write for price on larger quantity.



WINTER VETCH (*Vicia Villosa*)

True Sand or Hairy Vetch

Extensively used as a soil renovator or for dry or green feed in the early spring. It may be sown alone or with Winter Rye or Oats; is perfectly hardy, thriving under most adverse conditions. Is very nutritious, and live stock relish it. When sown with rye, etc., it will attain a height of 4 to 5 feet; sow ½ bushel an acre broadcast alone or with other crops. Sow early in the fall or summer, and get a good growth before cold weather sets in. 60 lbs. per bu. 20c. per lb., larger quantity price on application.

MILLET

This is a very important emergency crop when the season for hay has been unsatisfactory. Can be sown as late as July 15th.

Tennessee, German or Golden. Produces a fine quality of hay and makes a large seed-head. In good seasons it grows about 4 ft. high. 15c. qt.; peck, 75c.; \$2.50 bushel (48 lbs.).

Hungarian. Not so fine in quality as the "German." It can, however, be sown 2 weeks later. 15c. qt.; peck, 60c.; \$2.00 bushel (48 lbs.).

Japanese Barnyard. Sow 12 lbs. per acre broadcast. 15c. per lb.; 10 lbs., \$1.25; \$10.00 per 100 lbs.

SOJA BEANS

For green manuring, fodder and silo purposes.
Mammoth Yellow, Hollybrook, Ito San, and Wilson varieties. Prices on application.

WINTER WHEAT (*Ready about Sept. 10th*)

Sow 1½ to 2 bushels per acre, except where noted.

Miracle (Bearded). Red.
Fultz Mediterranean (Beardless). Red.
Red Wave (Beardless). Dark red.
Silver Sheaf Longberry (Bearded). Red.
Lancaster-Fulcaster (Bearded). Red.
Price on application.

DWARF ESSEX RAPE

For pasturing sheep and hogs. Sow 6 lbs. per acre broadcast. 16c. per lb.; 10 lbs, \$1.25; \$10.00 per 100 lbs.

MICHELL'S LAWN AND GARDEN NEEDS

DUNHAM WATER BALLAST ROLLERS



The proper roller for most any occasion; fill it with water or sand, which will weight it any number of pounds desired. Can be had in one or two sections. Roller axle bearings.

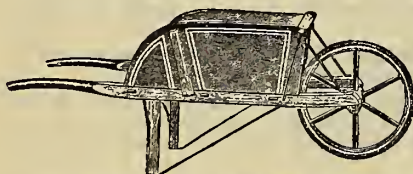
	Sections	Diam.	Width	Wt. Empty	Wt. filled with Water	Price
H. W.	6..1	24	24	185	560	\$14.80
H. W.	8..1	24	32	200	710	16.40
H. W.	10..2	18	24	160	360	15.60
H. W.	12..2	24	32	230	710	20.40

We can also supply other sizes Water Rollers.

BOSS HAND ROLLERS

No.	Diam.	Wide	Sections	Weight Lbs.	Price
1....	15"	15"	2	150	\$7.60
2....	15"	22"	3	200	10.00
3....	20"	16"	2	225	11.25
4....	20"	20"	2	250	12.50
5....	20"	20"	1	250	12.50
6....	20"	24"	3	300	14.75
7....	20"	24"	2	300	14.75
8....	20"	30"	3	350	17.25
9....	24"	20"	2	400	19.50
10....	24"	24"	2	450	22.00
11....	24"	24"	3	450	22.00
12....	24"	30"	3	500	24.50
13....	28"	24"	2	500	24.50
14....	28"	24"	3	500	24.50

We can also supply other sizes and weights of Boss Hand Rollers, also Boss Horse Rollers for Golf Grounds, Lawns, etc.



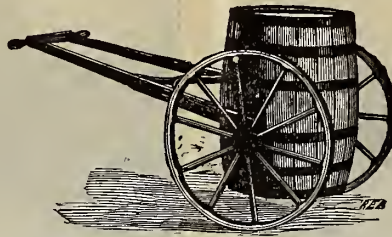
WHEELBARROWS

For Farm and Garden and Greenhouse Use

The measurements of barrows are understood, viz: length, meaning inside length of body; depth, inside depth at front; width, outside width at handles.

	No.	Tire	Length	Depth	Width	Price
Eastern	..4	3"	26 1/4"	11 1/2"	27"	\$4.50
"	..5	3"	28 1/4"	11 3/4"	27"	5.00
Jacobs	..2	1 1/4"	24 1/2"	11"	23"	4.00
"	..3	1 1/2"	25 1/2"	12"	24"	4.50
"	..4	2"	27 1/2"	14"	26"	4.75
Boys	....	1"	21 3/4"	9 1/4"	20"	3.00
Canal—Side dump	.....					\$2.50
Greenhouse	.....					5.00

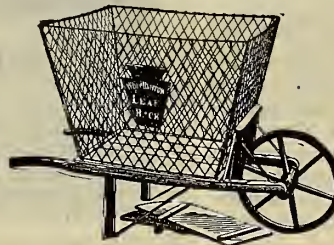
Nu-Way. The side boards of this can be dropped so as to make a flat bodied barrow, which is ideal for transporting flat boxes, etc., about. \$6.00 each.
Old Government Style.....\$4.00



WATER BARREL TRUCKS, Etc.

The price below includes barrel and truck. The barrel may be detached quickly and the leaf rack or stone box may be attached.

- 1 1/2-inch tire truck, all iron wheels, with barrel.....\$10.00
- 2 1/2-inch tire truck, all iron wheels, with barrel..... 10.75
- 3 1/2-inch tire truck, all iron wheels with barrel..... 11.25
- Extra Barrels, with trunnions.....\$3.50
- " Trucks only, no wheels..... 3.50
- 1 1/2-inch wheels only, per pair..... 4.50
- 2 1/2 " " " " " "..... 5.25
- 3 1/2 " " " " " "..... 5.75
- Stone Boxes for attaching to the above truck..... 3.25



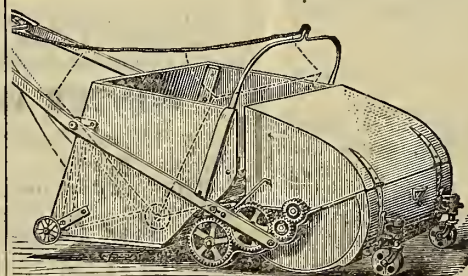
KEYSTONE LEAF RACKS

This new 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, \$4.00.

METAL LEAF RACKS

Excellent for gathering leaves, litter, grass, etc. They can be attached to a water barrel truck, shown above, instantly.

- Leaf Rack only, no truck..... \$5.50
- " with 1 1/2-inch truck..... 11.00
- " " 2 1/2 " "..... 11.75
- " " 3 1/2 " "..... 12.50



PHILA. HORSE LAWN SWEEPER

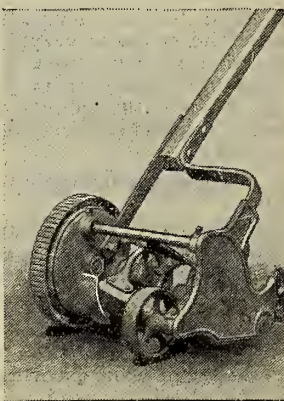
An excellent machine for use on large places. 40 inch width. Price, \$80.00.



PENNA. LAWN CLEANER AND RAKE

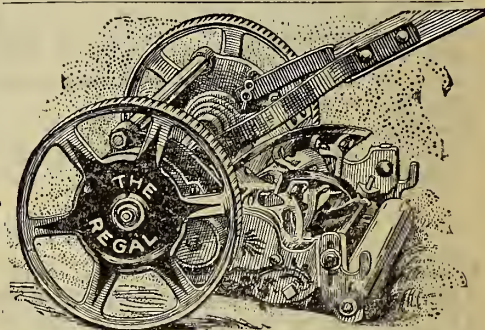
There is no equipment that can take the place of this indispensable apparatus; the name "comb and brush for the lawn" has often been applied to it. The flexible rake bars are of wood, with steel springs and teeth; they rotate just like a lawn mower cylinder, and clean up every particle of leaves, mown grass, litter or rubbish, throwing it into a receptacle or bag in the rear, which is of large capacity. This can be detached and emptied at will.

- 24-inch rake.....\$16.00
- 36 " "..... 25.00



COLDWELL LAWN TRIMMER

Excellent for trimming around flower beds, shrubbery and walk edges. Price, \$5.00.



REGAL B. B. LAWN MOWER

- 14-in., 5-blade cyl. H.W..... \$9.00
- 16-in., " " " "..... 10.00
- 18-in., " " " "..... 11.00
- 20-in., " " " "..... 12.00

We can also supply Penna., Phila., and Coldwell Horse and Hand Lawn Mowers, also Continental, Great Am. B. B., etc., Lawn Trimmers, etc.

All prices subject to market changes



English

Little Giant

SICKLES or GRASS HOOKS

English Rivet Back, No. 3	.....\$0.60
" " " " 2	..... .50
" " " " 1	..... .50
" Solid " " 2	..... .50
Dutch, small, " 1	..... .30
" large, " 2	..... .35
Little Giant	..... .50
Village Smithy, solid steel	..... .40

The Little Giant sickle is collapsible, therefore convenient for carrying about.



SCYTHES

American Little Giant, 32 inch	.....\$0.90
" " " 34 "	..... 1.00
" " " 36 "	..... 1.10
Little Giant Brush or Briar	..... 1.00

The Little Giant is the best American-made scythe. It is excellent for field and heavy grass work.

English, 32 in., rivet back, Lawn Style	.....\$1.25
" 34 " " " " "	..... 1.25
" 36 " " " " "	..... 1.35
" 38 " " " " "	..... 1.35



SCYTHE STONES

	Each	Doz.
Talacre, Imported (English)	\$.20	\$2.25
Darby Creek	.10	1.10
Carborundum. Very fine quality	.25	2.50



SCYTHE HANDLES, Etc.

Made of hard wood, well finished.

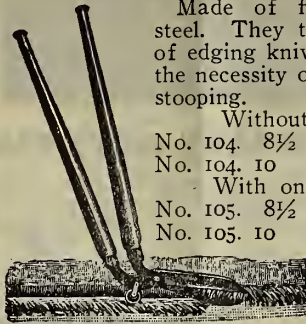
Regular Scythe style	.....\$0.75
Bush	..... .85
Snath Clips	..... .15

EDGING KNIVES (with handles)

For trimming edges of paths, etc.

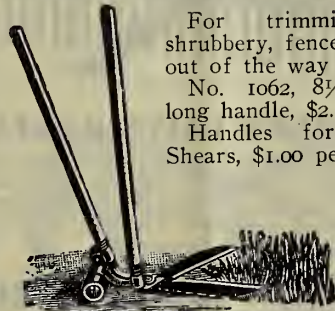
Mehler Edging Tool	.....\$1.25
American No. 040	..... .60
English, 8 inch	..... 1.50
English, 9 inch	..... 1.75
McNiece make, 8 inch	..... 1.00
McNiece make, 9 inch	..... 1.10

LAWN BORDER SHEARS



Made of finest English steel. They take the place of edging knives, and avoid the necessity of doing much stooping.

Without wheel.	
No. 104	8½ in. ....\$2.00
No. 104	10 " 2.50
With one wheel.	
No. 105	8½ in. ....\$2.50
No. 105	10 " 3.00



For trimming under shrubbery, fences and other out of the way places.

No. 1062, 8½ in. blade, long handle, \$2.50.

Handles for Border Shears, \$1.00 per pair.



GRASS SHEARS

3075.	6 inch, English	.....\$1.00
3075.	7 " "	..... 1.25
119.	7½ " Saynor	..... 1.50
120.	7½ " "	..... 1.75
360.	6 " English	..... .75
361.	5½ " "	..... .60
263.	5½ " Trowel Shank	..... .50
268.	5½ " Extra Heavy	..... .60
273.	American	..... .35

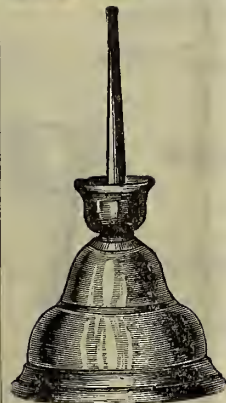
LAWN MOWER OIL



Pure oil is an essential for the satisfactory running of every mower. The oil sold by us has been selected with this point in view.

Per pint, 15c.; 25c. per quart; per ½ gal., 40c.; 75c. per gal.; 5 gals., \$3.00.

Lawn Mower Oil cannot be mailed

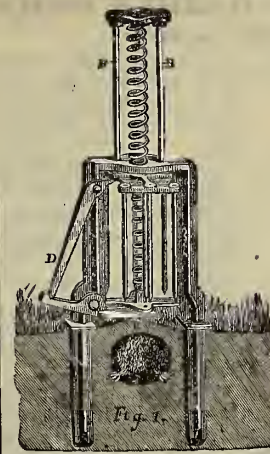


OIL CANS

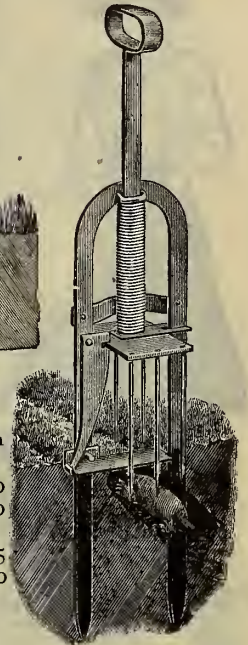
No.	
144	Zinc .....\$0.20
13	Bronzed steel .35
164	Brass ..... .40

EMERY

For sharpening Lawn Mowers. Price, 14c. per lb. (by mail, extra); 10 lbs., \$1.25.



Olmstead

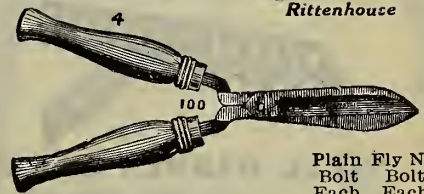


Rittenhouse

MOLE TRAPS

	Each
English, for hot beds	.....\$0.40
Olmstead	..... 1.50
Rittenhouse	..... .75
Easily set	..... .75
Reddick	..... 1.00

HEDGE SHEARS



	Plain Bolt	Fly Nut Bolt
	Each	Each
107-5½ inch, Ladies'	.....\$1.00	
101-8 "	..... 1.50	\$2.00
101-9 "	..... 1.75	2.25
101-10 "	..... 2.00	2.50
101-12 "	..... 2.50	

SAYNOR HEDGE SHEARS

With fly nut equipment.

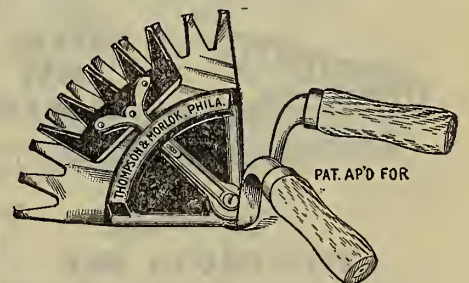
9 inch	.....\$2.50 per pair.
10 inch	..... 2.75 per pair.

NEVERSLIP HEDGE SHEARS

8 in...\$1.80 | 9 in...\$2.25 | 10 in...\$2.50

Handles for Hedge Shears, 50c. per pair.

Fly Nuts and Bolts for Hedge Shears, 30c. each.



UNIQUE HEDGE TRIMMER

A practical tool for trimming the summer growth of hedge; it works like a charm and leaves the hedge in better shape than you could with any other shear, and does the work in ¼ the time. Guaranteed satisfactory; cuts 16-inch swath. \$5.00.

MICHELL'S LAWN AND GARDEN NEEDS

MEHLER'S GARDEN TOOLS

Handy Gardener



An entirely distinct tool 5½ in. wide with a special handle 4⅓ ft. long; entire weight 2 lbs.

Note the special arrangement of the 5 teeth, which allows cultivation closer to the plant than any other device, and at the same time on three sides at one stroke; you being in a comfortable standing position.

No hoe is needed where this tool is used; just the thing for working among flowers and young vegetable plants.

Send for descriptive circular.

Price, 75c.

MEHLER'S COMBINATION TOOL

Hoe, cultivator and soil pulverizer combined. Just the thing for celery culture, \$1.00.

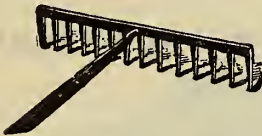
Mehler's Handy Hoe, \$1.00



STEEL GARDEN RAKES

Made of best cast steel, with long teeth for penetrating the ground.

6 tooth.....\$0.45	12 tooth.....\$0.55
8 "45	14 "60
10 "50	16 "65



STEEL GRAVEL RAKES

These rakes are used for road-raking and for paths. Having very short teeth they do not gather up stones or gravel.

No. Tooth	No. Tooth
G12 12...\$0.55	G16 16...\$0.65
G14 14... .60	G18 18... .70
No. 20 20 tooth...\$0.80	



STEEL BOW RAKES

Preferred by many to the regular garden rake. The teeth are slightly bent toward the operator.

11 tooth.....\$0.60	13 tooth.....\$0.65
15 tooth.....\$0.70	

TWO-PRONG HOE

Will be found very valuable in weeding in narrow rows.

No. 2P	\$0.45
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WARREN HOES

Excellent tools for making drills preparatory to sowing of seed. The back can be used for covering.

No. W7.....\$0.65	No. W8	\$0.75
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GIBBS OR LAWN QUEEN RAKE

Made of heavy tinned steel wire. These are excellent for lawn or walk work. The rake is reversible and will answer several purposes.

24 tooth.....\$0.50	36 tooth.....\$0.75
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OLE OLSEN LAWN RAKES

This rake head is slightly curved from the centre to each end, which does not allow any material that has been caught by the teeth to slip around the edges.

26 tooth, hickory wood. Price, 50c.

LAWN KING RAKES No. 210

Made of best hard wood, thoroughly braced with iron. The most excellent wooden lawn rake in the market.

22 tooth.....\$0.30	38 tooth.....\$0.75
26 "50	50 " 1.00

AUTOMATIC LAWN RAKE

This rake is fitted with an unloading head. While raking this head lies forward, and upon pressing the rake forward the unloading head moves backward, cleaning out the raking head entirely.

22 tooth.....\$0.50	38 tooth.....\$0.90
26 "60	50 " 1.35



AMES WOODEN RAKES

14 tooth with wood bows. For hay, etc.	\$0.55
24 " " " " lawns..	.70
24 " " " steel " " "	.80

SCUFFLE HOES

Made of best English steel.

4-inch.....\$0.50	7-inch.....\$0.70
5 "55	8 "75
6 "65	10 " 1.00

HOE AND RAKE

(COMBINED)

An excellent tool for ladies, combining simplicity and utility. Made of the very best steel, which will outlast several cheaper tools of the same class.

No. 4P. 4 prong.....\$0.50
No. 6P. 6 prong..... .60



LAWN SHOVEL AND EDGER

The most perfect tool for cleaning out and edging up the sides of cement walks. This is the only tool of its kind found so far to be practical. It is made of the best steel, is very sharp and can be resharpened readily when dull. Price, 85c. each.



HALF MOON HOES

Best steel, solid sockets, which will not pull out.

3-inch	No. HM 3.....	\$0.35
4 "	No. HM 4.....	.40
5 "	No. HM 5.....	.45
6 "	No. HM 6.....	.50
7 "	No. HM 7.....	.55
8 "	No. HM 8.....	.60

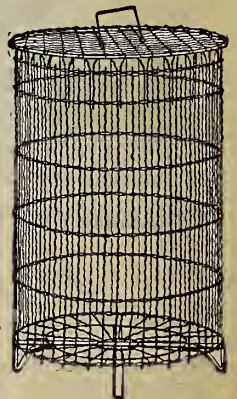
SQUARE HOES

6-inch, solid shank	No. G o6.....	\$0.45
7 " " "	No. G o6.....	.50
8 " " "	No. G o8.....	.55

MICHELL'S RUBBISH CONSUMERS

Made of heavy galvanized wire, an indispensable arrangement for burning rubbish, paper, leaves, etc., without endangering property. Will last a lifetime.

Size	Diam.	High	Price
D,	21 in. x 31 in.,		\$2.50
C,	18 in. x 26 in.,		1.75
B,	15 in. x 22 in.,		1.50
A,	12 in. x 18 in.,		1.25



Michell's Rustic Porch and Lawn Furniture, Etc.

All of our Rustic Work is made by thoroughly experienced men. It is carefully finished, leaving no rough places or nails protruding. A settee or chair placed at intervals on paths will be found a great convenience. The Rustic Work we offer is finished in the natural state with the bark on it, and not varnished.



PORCH AND WINDOW BOXES

Self-Watering Style (see cut). These are made of metal, finished bright green; the bottom is equipped with a reservoir which when filled is sufficient to keep the contents of the box watered for two weeks.

No.	Height	Width	Length	Price
1	8 in.	9½	23 in.	\$1.60
3	8 in.	9½	27 in.	1.90
5	8 in.	9½	31 in.	2.20
7	8 in.	9½	35 in.	2.50
9	8 in.	9½	39 in.	2.80

Wooden Rustic Bark Style. Attractively made and neatly finished; for indoor or outdoor use.

Length	Depth outside	Width outside	Price
24-inch.....	7½-inch	11-inch	\$1.40
30 ".....	7½ " "	11 " "	1.75
36 ".....	7½ " "	11 " "	2.10

Any length made to order, 75c. per running foot, 11 inches wide.

Plain Wood Style (Painted Green). We recommend these for use at the temporary summer home in the country or at the seashore, or in cases where one may not feel like spending a larger cost than these entail. They are substantially made and finished and will last many years.

Length	Depth outside	Width outside	Price
24-inch.....	6½-inch	8-inch	\$0.80
30 ".....	6½ " "	8 " "	1.00
36 ".....	6½ " "	8 " "	1.20

Any length made to order, 45c. per running foot, 8 inches wide.

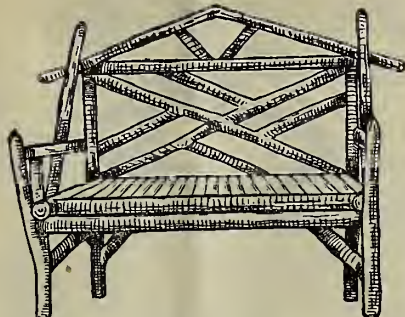
Rustic Bark (Natural Cedar). For covering boxes, columns or any other article. Per sq. ft., 5c.; \$1.00 per 25 sq. ft.; 50 sq. ft. and over, at 3½c. per sq. ft.

SUN DIAL

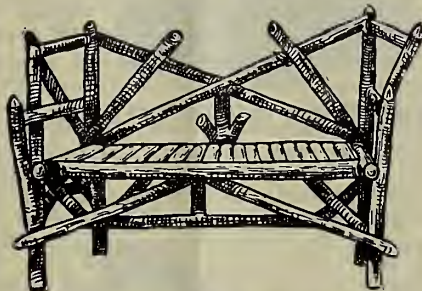


This ancient time teller is a part of every exclusive flower or vegetable garden, and indeed a very interesting one. It is made of cast iron with screw holes, so it may be fastened down to a pedestal or other foundation. The figures are raised, so that they may be easily renovated with paint or otherwise, when weather-beaten. Dial face is 8 ins. in diameter, bottom 10 ins. in diameter, finished in black, gilded figures; without pedestal, \$2.50. P. P. Wt., 6 lbs.

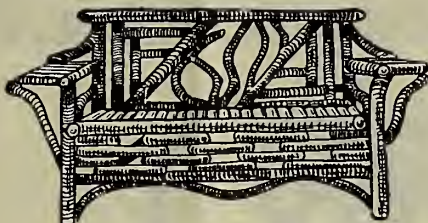
RUSTIC SETTEES



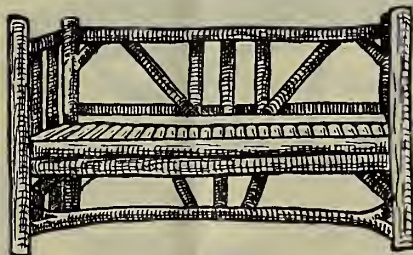
Elwood Style, \$3.50 each.



Florida Style, \$3.50 each.



Klondike Style, \$6.00.



Mission Style, \$6.00.

COLONIAL GARDEN SEATS

Made of wood and finished in a most exclusive manner. Sample carried on show room floor, stock is made up and furnished on demand, as required, promptly, and finished in any shade or tint. Price, \$1.75 per running foot. Any length desired. 19 ins. wide, with beveled edges.

RUSTIC HANGING BASKETS

These are made in attractive patterns, oblong design, finished natural oak and very rustic indeed. Will last many years.

8-inch oblong.....	\$1.50 each
10 " ".....	1.75 " "
12 " ".....	2.00 " "

RUSTIC CHAIRS, Etc.

These are made in style and finish similar to the settees.

Klondike Chair.	Price, \$4.50.
Elwood " "	Price, \$2.75.
Mission " "	Price, \$4.50.
Mission Table.	\$4.00.

WOODEN WREN BOX

These are very useful as well as ornamental, for putting on trees or fastening on buildings. Painted red and green, very attractive. 35c. each, 3 for \$1.00



For other Birdhouses, see page 55.



LAWN GUARDS

For grass corners, flower beds, etc. Iron (see cut) nicely painted green, 75c. each; per doz., \$8.25. Not mailable.

Wire, made extra heavy and well galvanized. Price, 20c. each; per doz., \$2.00. Not mailable.



LAWN SIGNS

Excellent for putting on grass plots where thoroughfare is not desired.

Iron Style (shown above), painted gray, trimmed red. 40c. each; per doz., \$4.00.



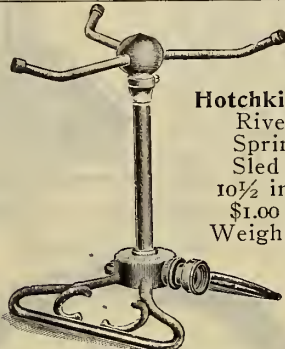
Enameled Iron Style. This pattern is the best for conspicuous places. The name plate is finished with blue and white enamel, is 20 inches long and about 4 inches wide. The rod or stake is substantial iron and the sign will last forever. \$1.00 each; per doz., \$10.00.

LAWN SPRINKLERS



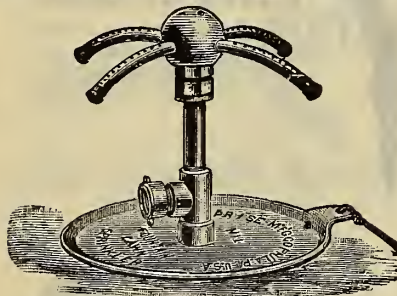
Ring or Fountain Sprinkler

All brass, large, 75c.; Small or Baby style, 50c. Parcel Post Weight, 1 lb.



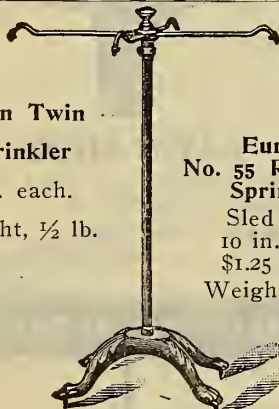
Hotchkiss No. 5
Riverside
Sprinkler.
Sled base,
10½ in. high.
\$1.00 each.
Weight, 4 lbs.

Pluvius Sprinkler
11 inches high. Weight, 3¼ lbs. \$1.25



Enterprise Sprinkler

No. 1 (see cut), 8 in. high. Wt., 14 lbs. \$3.75
No. 2 (8 in. high). Wt., 14 lbs. 3.00

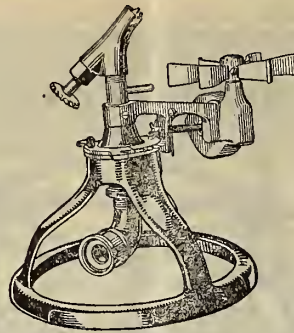


Peck Sprinkler

4-arm, 40 inches high (see cut) \$3.25
8-arm, 40 inches high 3.75

OTHER LAWN SPRINKLERS

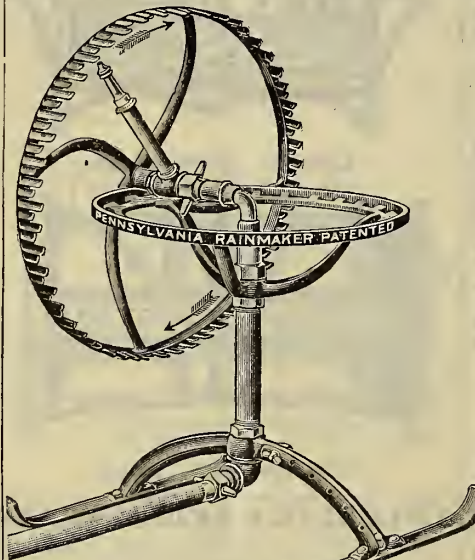
Universal, No. 65, 10 in. high	4¼ lbs.	\$1.50
Aetna, 24 in. high	6¼ lbs.	1.75
Mayflower, 9½ in. high	3½ lbs.	1.00
Preston, 5½ in. high	3½ lbs.	1.25
Waterwitch, 8¾ in. high	1 lb.	.50
C. B. G. For golf links	¾ lb.	.25



Dayton Rotary Sprinkler

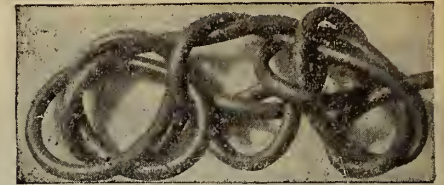
The Dayton Rotary and Oscillating Sprinkler is the most successful one yet devised for golf courses or lawns. It will distribute the water more efficiently than can be done by hand, thus reducing the number of employees engaged in sprinkling the fair greens or the greens.

The sprinkler is constructed of aluminum and brass (non-rusting or corroding metals). A tiny jet of water against an aluminum water wheel revolves the wheel at high velocity. Through a series of worm gears and a pinion traveling over a central toothed plate the carriage with the spray nozzle makes a slow revolution, or if desired oscillates, covering a half circle or any required arc. The nozzle is adjustable for distance of spray and will perfectly distribute water over every inch of ground from centre to circumference of a 75 foot circle, according to water pressure. Price complete, \$7.50.



Pennsylvania Rainmaker

For Large Lawns, Putting Greens, Tennis Courts, the irrigation of florists' and gardeners' crops, etc. Produces a revolving shower, that does not swamp the lawn at the centre or working space. Adjustable for producing a heavy, medium or very fine spray. Will distribute water evenly over a diameter of 60 to 100 feet, according to pressure. 30 in. high, 27 in. wide. Weight, crated, 55 lbs. Price, \$20.00.



RUBBER HOSE

Michell's Rubber Hose is noted for its reliability in every way. We buy from the manufacturer in enormous quantities.

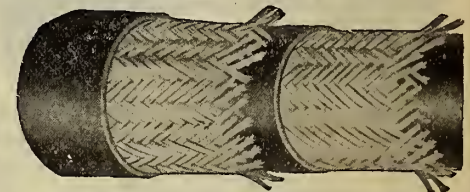
	Wt. per foot	Per foot
Standard , ¾-inch, 4-ply	5 oz.	\$.12
Reliable , ¾-inch, 3-ply	5 oz.	.14
" 1-inch, 3-ply	7 oz.	.22
" ¾-inch, 4-ply	6 oz.	.17
" 1-inch, 4-ply	8 oz.	.27½
" ½-inch, 4-ply	4 oz.	.13
* Michell's Special	5 oz.	.16½
* Electric , ¾-inch	5 oz.	.18½
* Electric , 5/8-inch	5 oz.	.17
* Electric , ½-inch	4 oz.	.16½
* Revero , ¾-inch	5 oz.	.18
* Revero , 5/8-inch	5 oz.	.16½
* Revero , ½-inch	4 oz.	.16
Bull Dog , ¾-inch, 7-ply	6 oz.	.16½
Spray Pump Hose , 3/8-inch	3 oz.	.12

P.S.—Brands marked * 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 15c. per pair for couplings.

Hose Washers. For inside and outside of couplings. 8c. doz.; ¼ lb., 30c.

Hose Protectors. 30c. each; doz., \$3.00.



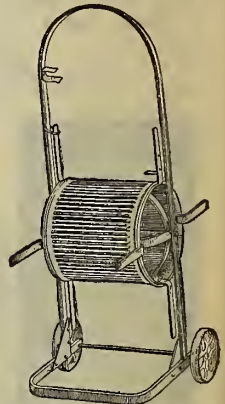
Showing the interior of Michell's Special Hose

HOSE REELS—WIRT'S (All Iron)

No.	Capacity	Price
10	100 ft.	\$2.75
20	150 ft.	3.25
30	400 ft.	5.00

VICTOR HOSE REEL

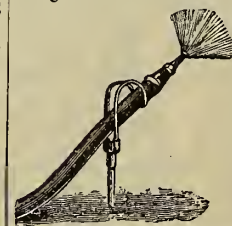
With galvanized drum.
Capacity, 100 ft. ¾-in. hose.
Price (see cut) \$1.75
Wooden Hose Reels, 85c.



NOZZLE HOLDERS

For sticking in the ground while one continues with other work. Made of galvanized heavy wire.

Price, 15c.



All Prices subject to Market Changes



HOSE MENDERS

	Each	Doz.
Cooper's— $\frac{3}{4}$ -in. and $\frac{5}{8}$ -in. ea.	\$0.10	\$1.00
" $\frac{1}{2}$ -inch	.10	1.00
Jones'— $\frac{3}{4}$ -inch (iron)	.05	.50
Hudson's— $\frac{3}{4}$ -inch (brass)	.04	.42
" $\frac{1}{2}$ "	.04	.42
Republic— $\frac{3}{4}$ -inch (new), 15c. pair.		



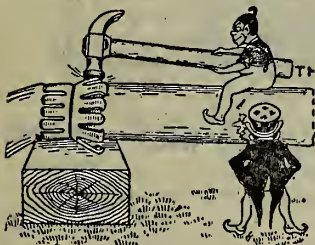
HOSE MENDING OUTFIT

(For $\frac{3}{4}$ -inch Hose)

Furnishes a complete outfit, consisting of 6 menders or connections, 18 bands or fasteners, and a pair of pliers for fastening bands.

Price: Each, 65c.; weight, 1 lb.

THE PERFECT HOSE MENDER



Made entirely of brass, with swivel motion—no band required. For $\frac{3}{4}$ -inch hose, 10c. each; doz., \$1.00.



Caldwell Band as applied to Hose



HOSE BANDS

For fastening couplings and menders in hose.

No.	CALDWELL'S	Doz.	100
8—For 3-ply hose	\$0.18	\$1.00	
6—For 4-ply hose	.18	1.00	

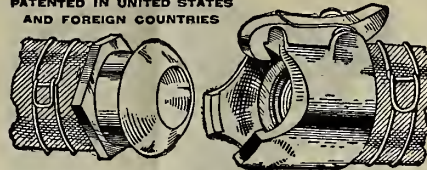
See illustration in Hudson's Hose Mender Outfit cut above.

$\frac{3}{4}$ -inch	\$0.18	\$1.00
1-inch	.20	1.25

SURE GRIP

$\frac{3}{4}$ -inch, 5c. each; per doz., 50c.

PATENTED IN UNITED STATES AND FOREIGN COUNTRIES



SNAP HOSE COUPLING

Snap Couplings are entirely new and novel. They couple hose instantly, work on a spring, and are water-tight. 25c. pair; doz. pairs, \$2.75. (Washers, 20c. doz.)

SNAP COUPLING PARTS

No. 2—Male (see left hand illustration above). 8c. each; per doz., 85c.

No. 1—Female (see right hand illustration above). 17c. each; per doz., \$1.90.



BRASS HOSE COUPLINGS

	Per Pair	Per Doz. Pairs
$\frac{1}{2}$ inch and $\frac{3}{4}$ inch	\$0.15	\$1.60
1" "	.35	4.00

HOSE REDUCERS



For reducing 1-in. pipe to fit regular $\frac{3}{4}$ -in. hose. All brass. Each 30c.

HYDRANT ATTACHMENT

To be used for attaching hose to smooth faucets.

Royce Style (see cut), 35c.
Boyd Style, 25c.



PLAIN STREAM NOZZLES

For $\frac{3}{4}$ -inch hose, each.....25c., 30c., 35c.

BOSTON SPRAY NOZZLE



These render the same service as does the rose of a watering can. They are screwed on the end of the hose like any other nozzle. Coarse and fine, $\frac{3}{4}$ -inch.

Light Copper	\$0.60
Heavy Brass	1.00

BOSS HOSE NOZZLES

For $\frac{3}{4}$ -inch hose.

Price, 45c. each.



GEM HOSE NOZZLE



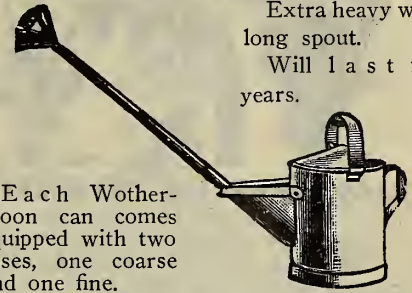
$\frac{3}{4}$ -inch hose. Can be regulated to give three different streams. Price, 35c.

PLIERS FOR HOSE BANDS

Caldwell25c. | Hudson25c.

WATER CANS (Wotherspoon's)

Extra heavy with long spout. Will last for years.



Each Wotherspoon can comes equipped with two roses, one coarse and one fine.

	Round	Oval
2 quart (equipped with one rose only)	\$1.15	
4 " "	1.60	
6 " "	1.85	\$2.10
8 " "	2.00	2.35
10 " "	2.25	2.60
12 " "	2.60	2.85
16 " "	3.15	3.50
12 qt. Manure Watering Can	\$2.75	
4 qt. Fern or Low Watering Can	1.50	

EXTRA ROSES OR SPRAYS

For Wotherspoon Watering Can, either coarse or fine, 35c. each.

GALVANIZED WATER CANS

Fine for cemetery purposes and other places where a can is desired to last several seasons.

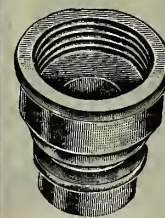
4 quart	\$0.35	12 quart	\$0.70
6 " "	.45	16 " "	1.00
8 " "	.55	20 " "	1.25
10 " "	.60		

LIGHT TIN WATER CANS

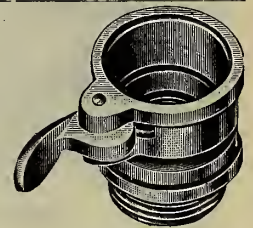
1 quart, painted green	Each, \$0.25
2 " " " "	.30
4 " " " "	.35

ENGLISH WATERING CANS

No. 2, 4 qt.	\$2.00	No. 3, 6 qt.	\$2.25
No. 4, 8 qt.	2.50	No. 5, 10 qt.	2.75



No. 3



No. 4

ACME HOSE COUPLINGS

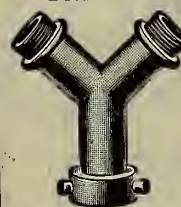
For quickly connecting and detaching hose. No. 3 part, for attaching to spigot. 15c. each; doz., \$1.50.

No. 4 part, for attaching to hose. No. 4 parts, 25c. each; doz., \$2.50. Couplings complete, consisting of one No. 3 and one No. 4 part, 35c. each; per doz., \$3.75.

BINKS HOSE NOZZLE

Made of aluminum, with a brass face. With a fine and a coarse spray, permits watering without wetting the hands. \$2.50 each.

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, 75c. each.



BAGS FOR PROTECTING GRAPES

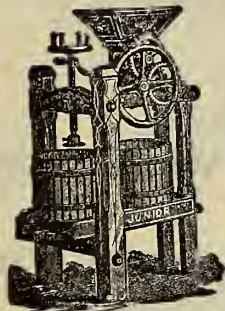
Grape growers will find after once using that these bags are indispensable; they keep the fruit clean, and free from insects, at the same time allow it to ripen freely. Grapes in bags sometimes keep until very late in the autumn on the vines.

If put on during the period when grapes are forming, they will save many times their cost in the amount of fruit they will rescue from insects, rot, etc. All ready with fasteners to attach.

If desired by mail please add to the prices below as noted.

MICHELL'S OWN MAKE

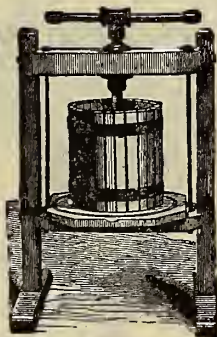
	Weight for mail per 100	100	1000
2 lb. size....	1½ lbs.	\$0.30	\$2.75
3 lb. size....	1½ lbs.	.35	3.25
4 lb. size....	1½ lbs.	.40	3.75



Cider Mill

CIDER MILLS

- Junior\$12.00
- Medium ... 16.00
- Senior 21.00
- “ for power 25.00
- Gem No. 0. 8.00
- Gem No. 1. 10.00
- Little Boss. 10.00



Wine Press

WINE PRESSES

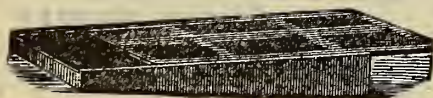
Made of best quality wood, carefully bolted and finished.

- No. 1\$4.00
- No. 2 5.00
- No. 2½ 5.75
- No. 3 6.25

GRAPE GRINDER

Suitable for crushing berries, grapes and similar soft fruit.

Price\$3.50



SHADING OR PROTECTING CLOTH

Largely used as a substitute for glass where protection is desired. It is admirable for summer use, protecting plants, etc., from sun and at the same time allowing ventilation.

	Yards per Piece	Per Yard	Per Piece
Light Grade	60	\$0.06	\$3.30
Medium Grade	60	.10	5.40
Heavy Grade	40	.14	5.20



The Boss Wire Fruit Picker



Up-to-Date Picker



Crider Picker

FRUIT PICKERS

- Boss Wt. 2 lbs. each, \$0.35
- Up-to-Date ... Wt. 2 lbs.25
- Crider's Wt. 2 lbs.25

POLES FOR FRUIT PICKERS

12 feet long, 1¼ in. diam., 45c.



ENGLISH GATHERING BASKET

Very convenient for carrying berry boxes, asparagus and other vegetables; made of oak; 12 in. wide, 23 in. long, 4 in. deep. Price, 60c.



OAK GARDEN BASKETS

- No. 2. Stiff Handle. Each Doz. \$5.50
- ½ bu. \$0.50 \$5.50
- No. 3. Drop Handle. Each Doz. \$5.50
- ½ bu. \$0.50 \$5.50
- No. 4. Without Handle. Each Doz. \$4.75
- ½ bu. \$0.45 \$4.75
- 1 bu. .75 8.00

SPLINT OR CHIP BASKETS

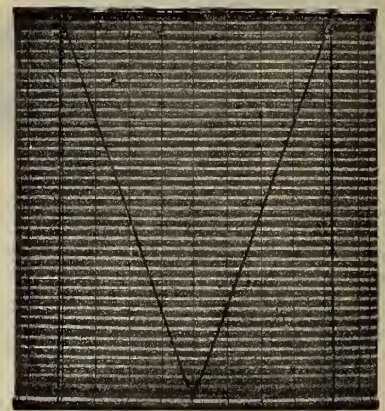
- | | With Handle | Without Handle |
|----------------------|-------------|----------------|
| ¼ bu. Per doz., | \$0.65 | \$0.60 |
| ½ bu. | .70 | .65 |
| ¾ bu. | 1.20 | 1.00 |
| 1 bu. | 1.65 | 1.50 |

Strawberry Boxes. One qt. size, 15c. doz., per 100 75c., \$5.25 per 1000.



WOOD MEASURES

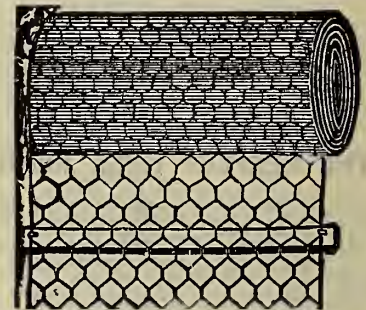
- Cedar, Iron Bound
- ¼ peck.....\$0.35
- ½ peck..... .35
- 1 peck..... .50
- ½ bushel..... .75
- 1 bushel..... 1.25



BAMBOO GREENHOUSE SHADES (Painted Green)

These are much more satisfactory than either the glass shading process or shading cloth. The shades last for years, being substantially made. They add materially to the appearance of the greenhouse. Each shade is equipped with pulley and rope. The shades are placed on the outside of the greenhouse, fastened at the top, so they can be rolled up or let down at will.

	Each
6 feet wide, 8 feet long	\$3.00
8 “ “ 8 “ “	3.50
10 “ “ 8 “ “	4.00
10 “ “ 10 “ “	4.50



GALVANIZED WIRE NETTING

2-inch Mesh, No. 19 Wire
150 Running Feet per Bale

High	Price	High	Price
12 in.	\$0.90	42 in.	\$2.85
18 in.	1.25	48 in.	3.15
24 in.	1.65	60 in.	4.00
30 in.	2.00	72 in.	4.50
36 in.	2.40		

1-inch Mesh, No. 20 Wire

High	Price	High	Price
12 in.	\$1.80	42 in.	\$5.50
18 in.	2.60	48 in.	6.50
24 in.	3.40	60 in.	8.00
30 in.	4.20	72 in.	9.50
36 in.	5.00		

PITTSBURG PERFECT FENCING

The most substantial fencing. The joints being welded by electricity, make it exceedingly attractive. It is thoroughly galvanized, extra well made and is the up-to-date fencing for gardens, fields, poultry yards, etc. Price for regular style, with top and bottom strands of No. 11 wire; centre of No. 14 wire, in bale lots only, of 165 running feet.

	Per Bale		Per Bale
24 in. high	\$3.25	52 in. high	\$4.85
36 in. high	4.10	58 in. high	5.15
46 in. high	4.60		

¾ in. Galv. Staples, for fastening poultry netting, etc., 10c. lb.; 10 lbs., 85c.



FLOWER BED FENCING

For putting around beds, lawns, etc. Any length desired up to 150 running ft.
 16 in. Less than 150 ft. roll, 13c. per ft.
 16 in. In Roll Lots, 150 ft., 10c. ft.
 22 in. Less than 150 ft. roll, 15c. per ft.
 22 in. In roll lots, 150 ft., 12c. ft.

CONTINUOUS WIRE TRELLIS

Excellent for training vines of all kinds up porches, verandas, pergolas, etc. Thoroughly galvanized and well made.



Continuous Trellis

Any length desired up to 150 running feet.
 13 in. wide. Less than 150 ft. rolls, 13c. per ft.
 13 in. wide, in roll lots, 150 ft., 10c. per ft.
 19 in. wide, less than 150 ft. rolls, 15c. per ft.
 19 in. wide, in roll lots, 150 ft., 12c. per ft.

WIRE TRELLIS

12 inch high	.....	\$0.20
18 inch high	.....	.30
24 inch high	.....	.40
30 inch high	.....	.65
36 inch high	.....	.75
42 inch.	\$1.10	60 inch. 1.75
48 inch.	1.30	72 inch. 2.25



VINE OR WALL NAILS

For fastening climbing vines, equipped with a soft metal clasp which holds the vine against the wall.

1-in., doz. 15c., per 100 \$1.00; 1½-in., doz. 20c., per 100 \$1.25; 2-in., doz. 25c., per 100 \$1.50.

FAN TRELLIS

Made of wood, painted green.

18 inch	.....	\$0.15	36 inch	.....	\$0.50
24 inch	.....	.20	42 inch	.....	.60
30 inch	.....	.25	48 inch	.....	.70



WIRE TREE GUARD

Carefully galvanized, 9 in. diam., \$1.00 each, doz., \$11.00; 12 in. diam., \$1.25 each, doz., \$13.00.



No. 4 IRON TREE GUARD

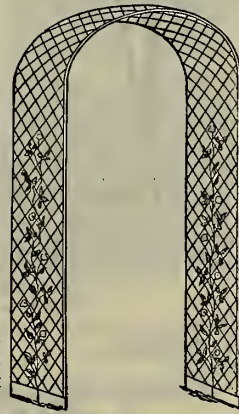
12 in. diam., 6 ft. high. Price, \$2.50 each; per doz., \$25.00.

OFFICIAL PHILADELPHIA TREE GUARD

Of round iron, 6 ft. high, 14 inches diameter, \$3.00 each; \$35.00 doz.

GALVANIZED WIRE ARCHES

These can be furnished on short notice any height or any width. Made of heavy diamond mesh wire with strong frames. 20c. per sq. foot. Special heavy wire work arches can be supplied at lowest prices.



VERANDA TRELLIS

Made of wood and painted green.
 2 feet \$0.35 | 6 feet, heavy. \$1.00
 3 feet45 | 8 feet, heavy. 1.35
 4 feet60 | 10 feet, heavy. 1.60
 5 feet, heavy. .85 | 12 feet, heavy. 2.00
 Larger sizes to order.



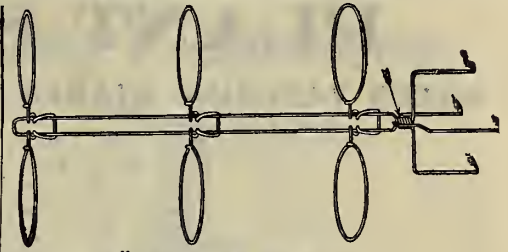
IVY TRELLIS

Made of wood, painted green.
 16 in. diam., 45c.
 20 in. diam., 60c.
 24 in. diam., 75c.



OVAL TRELLIS

Made of wood, painted green.
 24 inch 25c.



Müller Carnation Support

MÜLLER'S DOUBLE SUPPORT

One of the best on the market, easily put together. After the rings are detached it folds flat, thereby requiring very little storage room when putting away.

Per doz., 75c.; \$4.50 per 100; per 1000, \$42.00.

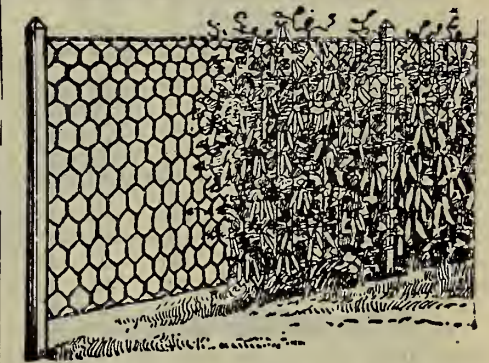
RICHMOND CARNATION SUPPORT

This is now the most popular support that there is, it can be put together in a minute, and is always satisfactory.

		Per Doz.	100	1000
No. 11.	29 in., 3 ring			
double	.....	\$0.65	\$4.50	\$42.50
No. 11.	29 in., 3 ring			
Single	.....	.50	3.50	32.00

"MODEL" CARNATION SUPPORTS

		Per Doz.	100	1000
2 Ring	.....	\$0.45	\$3.00	\$27.50
3 Ring	.....	.55	3.50	32.50



WIRE PEA TRELLIS

This does away with brush, twine, etc., and avoids the necessity of peas lying on the ground and wasting; made of best wire and painted wood. It is 48 inches high and in 10 foot sections, with 3 suitable 5½ foot stakes for fastening in the ground; can be put away and used year after year. \$1.00 per section; 10 sections for \$8.50.



Model Tomato Support

TOMATO OR PAEONY SUPPORT

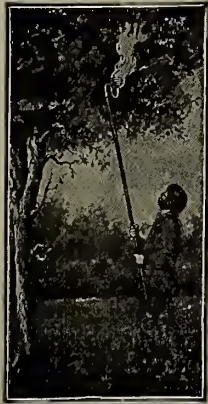
These pay for themselves the first season. They insure more flowers and better fruit.

Model (Wire). Each 20c., doz. \$2.00, \$14.00 per 100.
 Muller (Wire). Each 30c., doz. \$3.25, \$23.50 per 100.
 Perfection (Wood). Each 25c., doz. \$2.75, \$22.00 per 100.

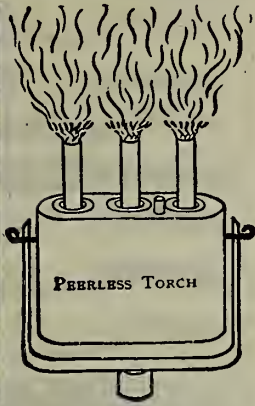
WIRE TRELLIS (Made to Order)

We are able to have made, at short notice, special sizes of wire trellis, any length and any width, at 20c. per sq. ft.

Apparatus for Applying Insect Destroying Preparations



Asbestos Torch



OIL TORCHES

For burning out worms, caterpillars and nests that infest trees.



Reservoir Torch

	P. P. Weight	
Peerless	..... 1 lb.	\$0.50
Reservoir	..... 1/2 lb.	.25
Asbestos	..... 1 lb.	.40

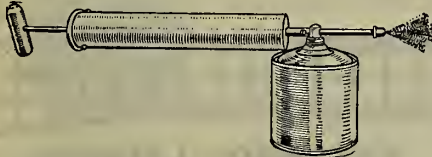
THE AUTO SPRAY

Now used by all the large fruit growers. It operates with compressed air; safe and efficient; liquid capacity, 4 gallons; pressure capacity, 40 lbs.

- No. 1-A Brass equipped with hose and regular nozzle, \$6.75.
- No. 1-B Brass equipped with hose and Auto-Pop Attachment, \$7.25.
- No. 1-C Galvanized Iron equipped with hose and regular nozzle, \$4.50.
- No. 1-D Galvanized Iron equipped with hose and Auto-Pop, \$5.00.

EXTENSION PIPES, Etc.

- For reaching into trees 3/8 in. threads.
- Bamboo, with brass tube 8 ft. \$2.00
- Bamboo, with brass tube 10 ft. 2.50
- Galv. Iron, 2 ft.30
- Brass, 2 ft.45
- Pet Cock, for extension pipes.50
- Strainers (Copper) 1.00



AUTOMATIC COMPRESSED AIR SPRAYER

This is the best hand sprayer ever sold, very easily operated, especially desirable for ladies' use.

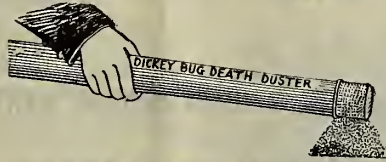
Tin.....each, \$1.00 | Brass....each, \$2.00

CYCLONE HAND SPRAYER

Tin, small.... \$0.25 | Brass....each, \$1.00
" large.... .50

PARIS GREEN SHAKERS

Tin. For dusting vegetables, potatoes, small fruits and shrubbery. 50c. each. P. P. Wt., 2 lbs.
Farmer's Favorite. (See cut). Large double-action affair. \$1.25 each.

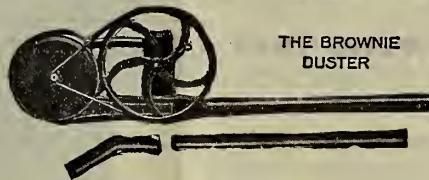
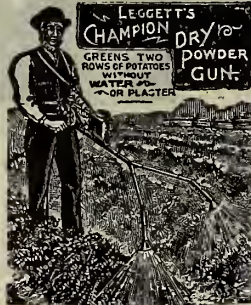


DICKEY DUSTER

Excellent for distributing Bug Death, Slug Shot, etc. 25c. each. P. P. Wt., 1 lb.
"Acre an Hour" Sifter, 75c. P. P. Wt., 2 lbs.

CHAMPION GUN

This machine will distribute dry insecticides, covering one or two rows at one time. Will save its price in material used in one season.
Price, \$8.00.
P. P. Wt., 8 lbs.



THE BROWNIE DUSTER

BROWNIE GUN

This machine is especially intended for distributing Paris Green, London Purple, etc. Price, \$4.00. P. P. Wt., 8 lbs.



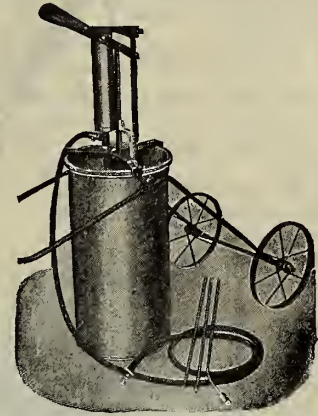
WOODASON HAND BELLOWS

	Weight	P. P.
Large double cone, each	.... (5 lbs.)	\$3.00
Large single cone, each	.... (3 lbs.)	2.00
Small single cone, each	.... (2 lbs.)	1.10
Liquid spraying, small	.... (3 lbs.)	1.50
Liquid spraying, large	.... (4 lbs.)	2.00
Sulphur Bellows, each	.....	1.50

WHIRLWIND POWDER GUNS



Very useful in the dwelling or for other places. Distributes dry powder very satisfactorily. Price, 15c.



PARAGON SPRAYERS

- No. 0. 5-ft. hose, extension pipes, nozzles, 3-gal. reservoir... \$7.50
- No. 1. 5-ft. hose, extension pipes, nozzles, 5-gal. reservoir... 10.00
- No. 3. 10-ft. hose, extension pipes, nozzles, 12-gal. tank on truck 15.00
- No. 4. 20-ft. hose, extension pipes, nozzles, 25-gal. reservoir on truck 22.50



BUCKET PUMPS

Made entirely of brass except the foot rest, bucket fastener and hand grip. For years we have sold them with entire satisfaction. The prices below do not include bucket, but include nozzle and 3 1/2 feet of 3/8 in. hose.

- Success (see cut).....\$3.85
- Perfect Success, with bucket fastener 4.35
- Myers 3.00



BRASS SYRINGES

Made of heavy sheet brass which will last many years with a little care.

No.	Diam.	Length	Price
99H	1 1/2"	18" Spray rose only	.....\$2.50
101A	1 1/4"	14" " " and stream	2.00
101C	1 1/2"	16" " " " "	3.25
104	1 3/4"	18" 2 " " " "	5.50
107	1 3/4"	20" (Adjustable)	5.00

Lewis (Sheet brass) capacity 1 qt... 1.75

SIMPLEX BARREL PUMPS

(Deming, No. 550)

- Plain, no hose or nozzle.....\$7.50
- With 12 1/2 ft. 1/2-in. hose and nozzle..10.65
- With two 12 1/2-ft. leads of hose, two nozzles13.80

Deming Century

- Plain pump, no barrel or hose.....\$10.50
- Price, complete with 12 1/2-foot hose and nozzle, no barrel..... 13.65
- Price, with two 12 1/2-foot leads, hose and nozzles, no barrel..... 16.80
- Barrels, with trunnions ready to mount on truck, with cut head. \$3.50.

54 **SEASONABLE SUNDRIES for the GARDENER**

GLAZING POINTS

Peerless. Made of zinc, can be used on right or left hand side of sash bar. Three sizes.

No. 1 for single thick glass.

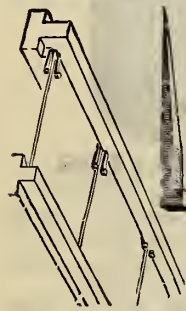
No. 2 for single thick glass.

No. 2½ for double thick glass.

Price, 60c. per 1000.

P. P. Wt., per 1000, 1 lb.

Pincers. For driving Peerless Points, 50c. P. P. Weight, 1 lb.



Siebert Style. Made with a prominent head; cannot rust; easily driven. 5-8, 6-8 and 7-8 inches long. Zinc, 40c. per lb.; 10 lbs., \$3.75.

1000 to 1200 points in a lb.

Brass. 60c. lb.; 5 lbs., \$2.75.

Naumann's Brass Glazing Points. 85c. per 1000. P. P. Wt., 1½ lbs.

Zinc Glazing Nails. 35c.

Seibert's Glazing Point per lb.; 5 lbs., \$1.70.



6-Wheel Glass Cutter

GLASS CUTTERS

Single Wheel, steel, each.....\$0.15

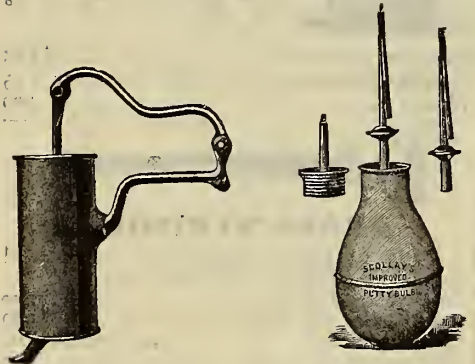
6-Wheel, steel, each..... .35

Diamond, (ebony handle) 3.00

" (cocoa handle), extra large

diamond 4.00

P. P. Wt. on Glass Cutters, ¼ lb. each.



Mastic Machine Putty Distributor

PUTTY BULBS

For distributing putty, mastica, etc.

Price\$1.25

Parcel Post Weight, 1 lb.

MASTICA

For glazing greenhouses, new or old. One gallon will cover about 300 running feet.

½ gallon	8 lbs.	\$0.75
1	15 lbs.	1.35

MASTICA MACHINE

For distributing mastica, etc. Made of heavy zinc. Price, \$1.40. P. P. Wt., 2 lbs.

PERMANITE GLAZING CEMENT

10 lb...\$1.60 | 25 lb...\$3.25 | 150 lb.\$16.00



GLASS CLAMPS
For supporting broken lights of glass. Per box of 100, \$1.10. P. P. Wt., 1¼ lbs.

TWEMLOW'S PUTTY

Superior to putty, more easily applied and lasting. Can be put on with a putty bulb or mastic machine.

16-lb. can (1 gal.)	18 lbs..	\$1.50
50 lbs. (3 gals.)		4.50
80 lbs. (5 gals.)		7.25
160 lbs. (10 gals.)		14.25

HAMMOND'S GREENHOUSE WHITE

A superior white paint. 1 gal., \$1.90.

PAINTED POT LABELS



		P. P. Wt.			
		Per 100	190	500	1000
4	inch	½ lb.	\$0.12	\$0.50	\$0.85
4½	"	½ lb.	.15	.60	1.00
5	"	½ lb.	.20	.70	1.25
6	"	¾ lb.	.25	.85	1.50
8	"	2 lb.	.40	1.85	3.50
10	"	2½ lb.	.50	2.40	4.50
12	"	3 lb.	.75	3.25	6.00
18	"	for field use..	2.50		20.00

WOOD TREE LABELS, Etc.

P. P. Weight on Tree Labels, ½ lb. per 100.

		Per 100	Per 1000
Iron Wired. Plain	.....	\$0.15	\$1.00
" " Painted	.....	.20	1.25
Copper Wired. Plain	.....	.20	1.25
" " Painted	.....	.25	1.50
Copper Sheet, wired.	20c. doz.; 100, \$1.10		
Zinc Sheet, wired.	20c. doz.; 100, \$1.10		
Indelible Marking Pencils.	.....each, 5c.		

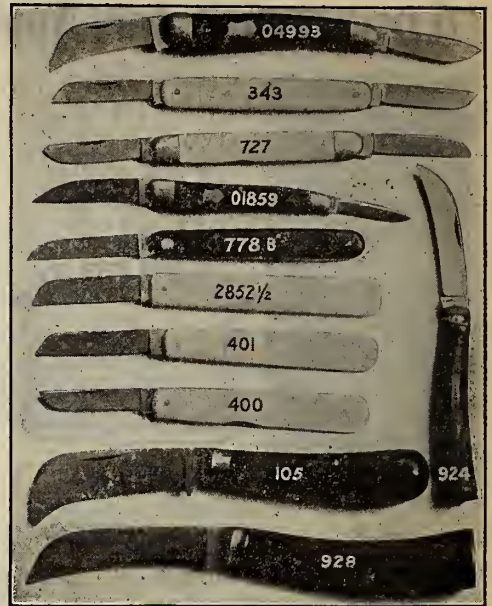
GARDEN MARKERS

For labeling perennials, garden rows, beds or individual plants.

Iron Age Style No. 5.

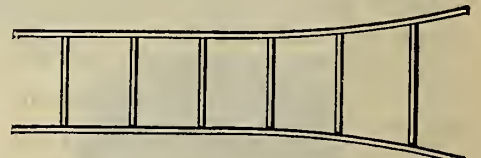
These are made of heavy stamped metal, enameled black. The card is covered with a celluloid face, which protects it from the elements of the weather. The angle of this label is so arranged as to make it easily read from an erect position. The holder has a large capacity for cards, so that several years' records may be kept together. Price, 15c. each; per doz., \$1.75; \$13.00 per 100.

P. P. Weight, each 1 lb.



HORTICULTURAL KNIVES

No. 400.	Saynor Budding, 1 blade..	\$1.50
" 401.	" " " " I " ..	1.50
" 343.	" " " " 2 " ..	1.75
" 778B.	German " " 1 " ..	.75
" 04993.	" " " and Prun- ing, 2 blades.....	1.00
" 2852½.	German Budding, 1 blade.	1.00
" 924.	English Pruner, 1 blade.	1.15
" 928.	" " (large)..	1.50
" 105.	German Pruner, 1 blade.	.75
" 303.	Saynor Stag, 2 blades..	1.25
" 727W.	German Budding, 2 blades	1.00



SINGLE PLANK LADDERS

Made of good hard wood, free from faulty knots; with perfect rounds. The ladders we supply are straight without the curve in the standards as the illustration shows.

10 ft.....	\$2.50	16 ft.....	\$4.00
12 ft.....	3.00	18 ft.....	4.50
14 ft.....	3.50	20 ft.....	5.00

Larger sizes up to 24 ft. at 25c. ft.



EXTENSION LADDERS

These are made in the best manner possible, are complete, being equipped with the necessary rope and pulleys. The ladders we supply are straight without the curve in the standards as the illustration shows.

16 ft.....	\$4.80	26 ft.....	\$7.80
18 ft.....	5.40	28 ft.....	8.40
20 ft.....	6.00	30 ft.....	9.00
22 ft.....	6.60	32 ft.....	9.60
24 ft.....	7.20	34 ft.....	10.20

36 to 44 ft. size at 28c. per foot.

MICHELL'S RUSTIC AND ORNAMENTAL BIRD HOUSES

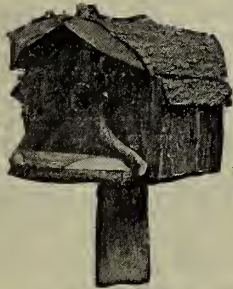
In the past few years there has been revived a great interest everywhere in birds. There are many desirable species, that would settle near our homes, if we provided them with some suitable place for breeding. There are several things to be said in favor of **rustic** Bird Houses, particularly of those offered by us. These are made of the everlasting Jersey Cedar, which is a disinfectant in itself. If you are sufficiently interested, nail up a rustic house alongside a brightly painted one, and see which they will select. It is the "back to nature movement" among the birds. Where did they nest before civilized man inhabited this country? In hollow trees; woodpeckers and their kind boring their nests in dead trees. Now such suitable places are fast disappearing under the pruning and slashing axe of man. A few attractive Bird Boxes, placed where they can be easily found, either in trees or on posts, will induce our feathered friends to seek a lodging, help beautify the garden, and make an otherwise dull spot bright. The prices, at which these houses are sold, are so low that you can afford a number of them. To avoid errors, please order by number.

MICHELL'S WREN HOUSES

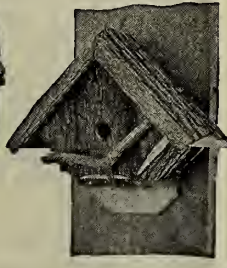
Place your Wren Houses near your dwelling, the wren is hardly ever known to nest off in the woods. If not disturbed, they will get very tame. These Wren Houses are made with one-inch holes so sparrows cannot disturb the occupants.



No. 11—\$1.25
P. P. Weight 3 lbs.



No. 13—\$1.25
P. P. Weight 3 lbs.



No. 9—\$1.25
P. P. Weight 3 lbs.



No. 12—\$1.25
Made to Swing



No. 50—\$1.00
Hanging Wren House
P. P. Weight 3 lbs.

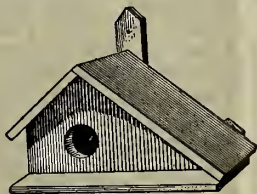


No. 28—The Wren House "Beautiful"
\$2.00. Parcel Post Weight, 4 lbs.

A birdhouse in a garden is a symbol of home life, like the shaded lamp and open fireplace are to the interior. The passer-by will say: "There lives a lover of birds."

MARYLAND WREN BOX

These are very useful as well as ornamental, for putting on trees or fastening on buildings. Painted red and green, very attractive. 35c. each; 3 for \$1.00. Parcel post weight, each 1 lb.



MARTIN HOUSES

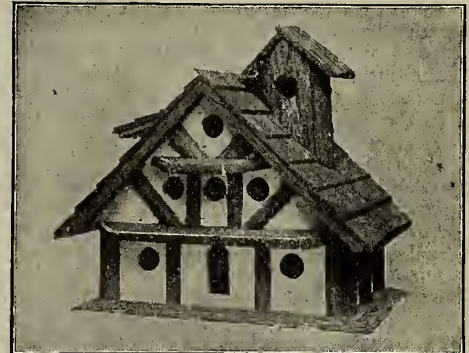


No. 77—\$6.00

A four-roomed house, made of cedar and white birch. The size of this house is 13x7x21 inches.

Suitable for placing on stone gate post or high stumps. No. 77, \$6.00. Not available.

Martin Houses should always be large, for the Martin is a bird that loves company, if well housed and well used, they come in large flocks year after year.



No. 8—14 Room Martin House—\$20.00—Not Available

MISCELLANEOUS BIRD HOUSES



No. 22—\$1.25
Houses for Woodpecker, Nuthatch, Chickadees, Etc.



No. 25—\$1.00
Parcel Post Weight 3 lbs.

The birds referred to are particularly useful in orchards. Orchardists advise fastening a bird box in every other tree. Now that all the dead trees are being cut down, leaves birds without a suitable place to nest, on that account, they are fast disappearing. It is indeed a very urgent necessity to provide these artificial habitations.

Ant Exterminator. A powder that is used for distributing around buildings, on the greenhouse benches, on lawns, gardens, and any other places infested by ants. Per $\frac{1}{4}$ lb., 20c.; per $\frac{1}{2}$ lb., 40c.; 75c. per lb.; 5 lbs., \$3.00.

Anti-Pest (Carmen's). For destroying red spider, scale and green fly. 50c. qt.; $\frac{1}{2}$ gal., 75c.; \$1.40 per gal.; 5 gals., \$5.75.

Aphine. For destroying aphids, green fly, thrip, red spider and other greenhouse and outdoor insects. It dilutes readily in water about 1 part to 40 of the latter. $\frac{1}{4}$ pt., 25c.; 40c. per $\frac{1}{2}$ pt.; pt., 65c.; \$1.00 per qt.; per gal., \$2.50.

Aphis Punk. A paper that has been thoroughly saturated with nicotine. Used for fumigating, giving off dense fumes of nicotine. Excellent for aphids, thrip, white and green fly, also red spider. (For use in greenhouses only.) Per pkg., 60c.; \$6.50 per 12 pkgs.

Arsenate of Lead. For spraying trees and shrubs against the attacks of leaf-biting insects of all kinds, especially valuable for spraying to prevent the codling moth. It comes in paste form, and dilutes 1 lb. to 25 gals. water. Per lb., 25c.; 80c. per 5 lbs.; per 10 lbs., \$1.50; \$3.00 per 25 lbs.; \$5.50 per 50 lbs.; per 100 lbs., \$10.00.

Arsenate of Lead (Powdered). This form of Arsenate is extensively used. It is instantly soluble in water and a pound thereof goes almost twice as far as two pounds of paste arsenate. Further, you do not have to pay transportation charges on water, which acts as a preservative in paste arsenate. 1 lb. dilutes to 50 gals. of water. 35c. per lb.; 5 lbs., \$1.50; \$2.75 per 10 lbs.; 25 lbs., \$6.00; \$10.50 per 50 lbs.; 100 lbs., \$20.00.

Black Leaf 40. A concentrated solution of nicotine Sulphate, an excellent spray for black aphid sucking insects of all kinds; dilutes 1 part to 900 or 1000 parts of water, according to treatment. Full directions on each package. 25c. for 1 oz. bottle; $\frac{1}{2}$ lb., 75c.; \$2.50 per 2 lbs.; 10 lbs., \$10.75.

Bordeaux-Arsenate. This is a combination of Arsenate of Lead and Bordeaux Mixture, in nature like Pyrox. Its use combines an application of Fungicide and Insecticide at one time. A pound dissolves with 5 gallons of water. It sticks to the foliage and will not wash off for a long period. 1 lb., 20c.; 80c. per 5 lbs.; 10 lbs., \$1.40; \$3.25 per 25 lbs.; 50 lbs., \$5.50; \$10.00 per 100 lbs.

Bordeaux Mixture. Used principally for mildew, blight and fungous diseases that affect potatoes and fruit trees. *Paste Form:* 1 qt., 40c.; \$1.00 per gal.; 5 gals., \$4.50. One gallon makes 50 gallons material. *Dry Form:* 1 lb., 20c.; 5 lb. pkg. (makes 30 gals.), 70c.; \$1.00 per 10-lb. pkg. (makes 50 gals.).

Boro-Wax. For painting trees to destroy and keep away borers. 35c. per qt.; $\frac{1}{2}$ gal., 60c.; per gal., \$1.00; \$5.00 for 6 gallons.

Bug Death. Largely used instead of Paris Green. It is claimed to have the same effect. The manufacturers say that it acts as a fertilizer as well as an insecticide. It comes in powder form, and is applied pure. Not poisonous to persons. Per lb. 15c.; 35c. per 3 lbs.; per 5 lbs., 50c.; per $1\frac{1}{2}$ lbs., \$1.00; \$7.50 per 100 lbs. (Special Shaker for Bug Death, 25c.)

Carbolineum (Arvenarius). A germicide and disinfectant, also an excellent wood preserver when used as a paint. \$1.25 gal.

Copper Solution. Made of sulphate of copper and other materials. 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. It is diluted in water. Per qt., 60c.; \$1.75 per gallon.

Cow Ease. Excellent for keeping flies and gnats off domestic animals. Applied with a sprayer or a sponge. Per qt., 35c.; \$1.00 per gal.; per 5-gals., \$4.50.

Cyanide of Potassium. For fumigating. 25c. per $\frac{1}{4}$ lb.; lb., 50c.

Cut Worm Destroyer (Reade's). For killing cut worms, grubs and maggots that work in the soil; positively a sure remedy. 1 lb., 25c.; 10 lbs., \$1.25; \$2.50 for 25 lbs.; 100 lbs., \$7.50

Dalmation or Persian Powder. For ridding buildings of all kinds of various insect pests. Particularly for the smaller and creeping kinds, as it is not strong enough to destroy large or more hardy insects. 15c. per $\frac{1}{4}$ lb.; per lb., 45c.; \$2.00 per 5 lbs.

Death to Lice (Lamber's) for plant lice, adhesive to foliage. 5 oz., 10c.; 25c. for 15 oz.

Fir Tree Oil Soap. This is very much like the Fir Tree Oil, except that it is in the shape of soft soap, and many prefer to use it in that way. It is dissolved according to directions in warm or hot water and used as a spray or wash. Per $\frac{1}{2}$ lb., 25c.; 75c. per 2-lb. can.

Fungine. An excellent remedy for fungous diseases of all kinds. 75c. per qt.; per gal. \$2.00.

Grape Dust. A powder preparation used for mildew, aphid, black fly, and other insects and fungous diseases, principally in greenhouse. Per 5 lbs., 40c.; 75c. per 10 lbs.; per 25 lbs., \$1.75; \$6.00 per 100 lbs.

Getz There Soap. Ideal for washing palms and spraying in place of Whale Oil Soap. 2 lbs., 40c.; \$1.00 for 8 lbs.; 25 lbs., \$2.50.

Hellebore. The ideal material for destroying rose bugs, currant worms, and other soft-shelled insects that infest the garden. It can be applied dry or in liquid form. Per $\frac{1}{4}$ lb., 10c.; 15c. per $\frac{1}{2}$ lb.; per lb., 25c.; \$1.15 per 5 lbs.; per 10 lbs., \$2.10.

Hydrocyanic—Acid Gas (Fumigation with Cyanide Potassium) Poison. As given to us by a practical gardener. Put four ounces of water in a galvanized iron pail, add to this 2 oz. of Sulphuric Acid, wrap an ounce of Cyanide of Potassium in paper and place it in the bucket, which should be placed near the door of the greenhouse to afford quick exit; the moment the Cyanide strikes the liquid it generates a poisonous gas which must not be inhaled. The above charge is sufficient for 1000 cubic feet of space. Don't open the greenhouse for at least 12 hours. One of the ventilating sash should be arranged so it can be opened from the outside to allow the fumes to escape entirely before entering. This is claimed to be the only and best remedy to absolutely kill the white fly. It is claimed that it will not injure the most delicate plant, but the user should take great care of himself. **Cyanide of Potassium (Poison)**, per $\frac{1}{4}$ lb., 25c.; 50c. per lb. **Sulphuric Acid**, lb., 30c.

Kerosene Emulsion. Diluted in water this 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. Liquid dilutes 1 part to 20 parts of water. **PASTE:** Per lb., 20c.; per 5-lb. can, 75c.; per 25-lb. can, \$3.00. **LIQUID:** Per qt., 40c.; per gal., \$1.00; \$4.50 per 5 gals.

Kil-o-Scale. Destroys and prevents the spread of scale insects of all kinds. Its chief use is the destruction of the San Jose Scale, which prevails in all parts of this country. It is diluted, one part Kil-o-Scale to twenty parts water. Per pt., 30c.; 50c. per qt.; per $\frac{1}{2}$ gal., 75c.; per gal., \$1.25; \$5.00 per 5 gals.; per 25 gals., \$21.25; per 50 gals., \$42.50.

Lemon Oil Co's Insecticide. The best and cheapest insecticide in the market. Used by nearly all the leading growers. It effectually destroys mealy bug, scale, thrip and red spider. Half pt., 25c.; pt., 40c.; qt., 75c.; half gal., \$1.25; gal., \$2.00; 5-gal. kegs, \$9.00; 10-gal. kegs, \$17.50.

Lime Sulphur. For destroying San Jose Scale. This is a concentrated form which is diluted 1 gal. to 12 or 15 gals. water, either hot or cold. May be used as a summer or winter spray, excellent to use as a fungicide. 25c. qt.; $\frac{1}{2}$ gal., 45c.; 75c., gal.; 5 gals., \$2.25; \$3.75 for 10 gals.; 25 gals., \$6.00; \$9.00 per 50 gals.

Lime Sulphur (Dry Powder Form). Powdered Lime Sulphur is becoming very popular on account of the small expense for shipping. It is instantly soluble in either cold or hot water, dilute 1 lb. to 6 gals. of water; does not separate, keeps indefinitely. Lb., 25c.; \$1.15 for 5 lbs.; 10 lbs., \$1.50; \$3.25 for 25 lbs.; 50 lbs., \$5.00; \$8.00 per 100 lbs.



CARBONDALE HYDROMETERS

These are highly recommended by the Pennsylvania State Department of Agriculture for testing the gravity of Lime Sulphur solution; one should be in the hands of every man who uses this material. Price, \$1.00. (Postpaid, \$1.10.) With directions.

Nicotinic. Used as a spray or as a vapor, principally in the latter way, it is placed in a tin saucer with lamp underneath, and the nicotine fumes are thus distributed. It is very effective in destroying thrip, aphid, white fly, and red spider, etc. Per $\frac{1}{4}$ pt., 70c.; per $\frac{1}{2}$ pt., \$1.25; per pt., \$2.50; per qt., \$4.50; \$8.25 per $\frac{1}{2}$ gal.; 1 gal., \$15.00. (LAMPS for Nicotinic, 50c. each.)

Nicotinana. A nicotine solution for spraying and vaporizing. \$1.25 per qt.; per gal., \$4.00.

Michell's Insect Destroying Preparations

Prices on Insecticides
Subject to Market Changes

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Nicotine Cones (See Vapor Cones).

Nico-Fume (Liquid). This is used in very much the same way as Nicoticide. Per ¼ lb. (about ¼ pt.), 50c.; \$1.50 per lb. (about 1 pt.); 4 lbs. (about ½ gal.), \$5.50; \$10.50, 8 lbs.

Nico-Fume. This is a paper treated with nicotine, giving off dense fumes of strong nicotine when ignited. Preferred by many who do not wish to spray or vaporize. Per box, 24 sheets, 85c.; per 144 sheets, \$4.00; per 288 sheets, \$7.50.

Nikoteen. One of the milder forms of tobacco or nicotine preparations, usually diluted in water, makes a most satisfactory spray as well as vapor, excellent for pea lice in the garden. 40c. for 1¾ oz.; 8 oz., 75c.; \$1.50 per pt.; gal., \$10.00.

Paris Green. The chief merit of this article is the destruction of the potato bug. It may be used in liquid form, 1 pound in 50 gallons of water, or with Land Plaster at the rate of 1 pound Paris Green to 100 pounds Land Plaster. 10c. per ¼ lb.; per ½ lb., 15c.; 30c. per lb.; \$1.30 per 5 lbs.; per 14 lbs., \$3.00.

Pyrox (Bowker's). A pasty substance used for all leaf-biting insects. It is really a Bordeaux and Arsenate of Lead combined and is excellent. Dilute 1 lb. to 5 gals. water. 25c. per lb.; 5 lbs., \$1.00; \$1.75 per 10 lbs.; 25 lbs., \$4.00; 50 lbs., \$7.50; \$13.50 per 100 lbs.; 300 lbs., \$38.00; \$60.00 per 500 lbs.

Rat Corn. For destroying rats and mice in greenhouses, hot-beds, etc. 15c., 25c., 50c. and \$1.00 per box.

Readeana Rose Bug Exterminator. A poisonous preparation which dilutes in water. Used for destroying rose bugs, green fly, mealy bug, blight, mildew, etc. Will not injure flowers. 4-oz. bottle, 25c.; 8-oz. bottle, 50c.; \$1.00 per 24-oz. bottle; per gal., \$4.00.

Sulphocide. A summer spray against fungous diseases, one of the best preparations of its kind. 50c. pt.; qt., 75c.; \$2.00 per gal.

Scalecide. Used for the destruction of the San Jose Scale. Dilute at the rate of one gallon Scalecide to 20 gallons water. Scalecide does not clog nozzles, hose or pump, and is pleasant to use. 45c. per qt.; per gal., \$1.00; \$3.25 per 5 gals.; 10 gals., \$6.00; \$16.00 per 30-gal. bbl.; per 30-gal. jacketed tin, \$15.00; \$25.00 per 50-gal. bbl.

Scale Destroyer. For San Jose Scale, 1 gal. dilutes to 20 gals. water. Per qt., 35c.; 65c. per ½ gal.; per gal., \$1.00; \$3.75 per 5 gals.; 10 gals., \$7.50; 25-gal. bbl., \$12.50; per 50-gal. bbl., \$23.00.

Shoo Fly. For keeping flies off cattle and horses, used with a sprayer or a sponge, the cattle and horses are either sprayed or rubbed with the preparation in the morning before being put in the field or out to their day's work. Per qt., 35c.; \$1.00 per gal.; 5 gals., \$4.50.

Slug Shot. The standard remedy for currant worms, rose slugs, cabbage worms, and almost any soft-shelled insects that infest the vegetable or flower garden. 15c. per canister; per 5 lbs., 30c.; 60c. per 10 lbs.; 25 lbs., \$1.50; \$2.50 per 50 lbs.; 100 lbs., \$5.00. Full bbl. lots (about 250 lbs.), 4½c. per lb., f. o. b. Factory; 4¾c. per lb., f. o. b. Phila.

Sulphate of Copper. For destroying fungous diseases of all kinds, also used in making Bordeaux mixture, and for spraying potato vines in connection with Paris Green. Where used as a Bordeaux mixture it requires four pounds Sulphate of Copper to 6 pounds Lime, which is diluted in 50 gallons of water. Per lb., 18c.; \$1.50 per 10 lbs.; 25 lbs., \$3.50; \$12.00 per 100 lbs.

Sulphur. Used principally in greenhouses for checking mildew. It is also used as a preventive and cure for San Jose Scale when it is used in connection with lime and salt. Per lb., 7c.; 30c. per 5 lbs.; 25 lbs., \$1.25; \$4.00 per 100 lbs.

Sulphur Candles. For fumigating in sick-rooms, also in conservatories and greenhouses. Large, 20c. each; per doz., \$2.00; small, 10c. each; per doz., \$1.00.

Thrip Juice (Hammond's No. 2). This preparation is very effective against aphids, red spider, mealy bugs and sucking insects generally. 60c. pt.; qt., \$1.00; \$3.25 per gal.

Thymo Cresol (Sheep Dip). This preparation is used for disinfecting, etc.; it is also an excellent cold water sheep dip. Per 4-oz. bottle, 25c.; 40c. per 8-oz. bottle; per pt., 50c.; per qt., 70c.; \$1.10 per ½ gal.; per gal., \$2.00.

Tobacco Dust for dusting only. Excellent for Lettuce and other plants to destroy soft, creeping insects. Per lb., 10c.; 25c. per 5 lbs.; per 10 lbs., 45c.; \$1.00 per 25 lbs.; 100 lbs., \$3.50.

Tobacco Dust (Special). For either fumigating or dusting. A specially prepared article; state which kind is wanted when ordering. 5 lbs., 35c.; 60c. per 10 lbs.; 25 lbs., \$1.35; \$2.25 per 50 lbs.; 100 lbs., \$4.00.

Tobacco Soap (Sulpho). A combination of tobacco extract and sulphur, fine for washing and spraying plants; dissolve in warm water. 3-oz. cake, 10c.; 20c. per 8-oz. cake; 10 lbs., \$2.50.

Tobacco Stems (Fresh). Used principally for fumigating and under benches in greenhouse. They may also be steeped in hot water and used as a spray. Per lb., 5c.; 20c. per 5 lbs.; per bu., 50c.; \$1.00 per bbl. bag; per large bale, \$2.00; \$6.50 per half ton; per ton, \$12.00.

To-Bak-Ine Fumigating Paper. Very much like Aphis Punk, which it resembles. It is used in exactly the same way as Aphis Punk. Per package, of 24 sheets, \$1.00; \$4.50 per 144 sheets; \$8.00 per box of 288 sheets.

To-Bak-Ine Liquid. Similar to Nicoticide, except that it comes in two distinct grades—fumigating and spraying; state which is wanted when ordering. Price of either: Per ¼ pt., 50c.; per ½ pt., 75c.; \$1.35 per ½ pt.; per pt., \$2.50; per gal., \$17.50.

Tree Tanglefoot. A paste preparation for painting around the trunks of trees, in the form of a band. Caterpillars and other crawling pests cannot get over it. Per lb., 30c.; 3-lb. cans., 85c.; 10-lb. cans., \$2.65; \$4.80 per 20 lbs.; 40-lb. can., \$8.75.

Vaporite. Vaporite is a gray non-poisonous powder which, when it comes into contact with soil, gives off a vapor. This vapor kills all underground insects such as Wireworms, etc. Vaporite is for soil application—not for the leaves of the plant. Vaporite should be uniformly distributed on the surface or in the soil among the insects, so that the gas evolved may destroy them. 1 lb., 15c.; 60c. per 5 lbs.; 10 lbs., 90c.; \$2.00 for 25 lbs.; 50 lbs., \$3.75; \$6.75 per 100 lbs.

Vermine. A soil sterilizer, a germicide. Will destroy worms, maggots, etc. It is usually applied at the time of preparing potting soil. Dilute at the rate of one part to 400 parts of water and thoroughly soak the soil. 40c. per ½ pt.; pt., 65c.; \$1.00 per qt.; per gal., \$3.00.

Whale or Fish Oil Soap. For mild forms of Scale, and is an excellent summer spray, when something stronger cannot be used, where the San Jose Scale exists. It is nice for washing off Lemon trees, Oleanders, and almost anything that would be infested with a soft-shelled or in fact most any kind of insect. Dissolved in water according to various purposes. Per ½ lb., 10c.; 20c. per lb.; per 5 lbs., 60c.; \$1.10 per 10 lbs.; per 25 lbs., \$2.00; \$6.50 per 100 lbs.

Whale Oil Soap (Good's Caustic). Used extensively as a tree spray and as a summer remedy for San Jose Scale, it comes in a soft soap form and is easily dissolved, 1 lb. to 10 gals. water. 20c. per 1-lb. can; 5-lb. can, 75c.; \$2.50 per 25-lb. can; 50 lbs., \$3.75; \$7.00 per 100 lbs. Barrel lots of about 425 lbs., at 5½c. lb.

Worm Eradicator (Reade's Electric). This has been found to effectually destroy worms in greenhouse benches and in potted plants, or for outdoor use in the flower and vegetable garden, or among trees. 4-oz. bottle, 25c.; 8-oz. bottle, 50c.; \$1.00 per 24-oz. bottle; \$4.00 per gal.; \$17.50 per 5 gals.; 10 gals., \$35.00.

Worm Destroyer (For Earth Worms). This preparation is made in England, where it is being applied to grass plots, putting greens, etc., with great success. It is a powder and is distributed over a given surface and soaked with water, which causes the worms to come to the surface, where they may be scooped up readily and further destroyed. It acts as a fertilizer as well as a worm destroyer.

Michell's Brand. 1 lb., 10c.; 45c. for 5 lbs.; 10 lbs., 75c.; \$1.50 per 25 lbs.; 50 lbs., \$2.50; \$4.00 for 112 lbs.; 560 lbs., \$16.00; \$30.00 for 1120 lbs.; 2240 lbs., \$57.00.

Carter's Brand. In 100-lb. bags only. \$5.00 per 100 lbs.; 500 lbs., \$19.00; \$37.50 per 1000 lbs.; 2000 lbs., \$70.00.

Worm Eradicator (Radix). Destroys worms in lawns, on tennis courts and putting greens. 1 gal. makes 100 gals. of treating liquid. \$2.00 per gal.; per 5 gals., \$9.25; \$37.50 per 25 gals. Powder form: 1 lb., making 30 gallons of liquid, 60c. per lb.; per 25 lbs., \$12.50; \$22.50 per 50 lbs.; per 100 lbs., \$40.00.

Vapor Cones (Lethorion Nicotine). An English invention providing nicotine in a solid form. The ideal fumigant for either large greenhouse or small conservatory. No. 1 will fumigate 1000 cubic feet, 20c. each, doz. \$2.00; No. 2 will fumigate 1500 cubic feet, 30c. each, doz. \$3.00; No. 3 will fumigate 2500 cubic feet, 40c. each, doz. \$4.25.

Zenoleum. A germicide and disinfectant. Liquid, ½ pt., 25c.; 50c. qt.; ½ gal., 90c.; \$1.50 gal. Powder, 25c. per 16-oz. pkg.

The Price on all Insect Destroyers is subject to change

(hc)

MICHELL'S HIGH GRADE FERTILIZERS

All Prices on
Fertilizers Subject
to Market Changes

Acid Phosphate. (See Phosphate.)

Animal Bone and Potash. An ideal fertilizer for almost any farm or garden crop. Apply at the rate of 400 to 600 lbs. per acre. Per 200-lb. bag, \$3.25; \$14.00 per ½ ton; ton, \$27.00.



Ashes (*Canadian Hard Wood*).

Apply 1000 lbs. per acre. For top dressing lawn and grass fields, it is applied to best advantage either in very early spring or late fall. 5 lbs., 20c; 35c. per 10 lbs.; 25 lbs., 60c; \$1.00 per 50 lbs.; 100 lbs., \$1.50; \$2.75 per 200-lb. barrel; 1000 lbs., \$11.50; \$22.00 per ton.

Asparagus Fertilizer (*Pure Bone and Potash*). A mixture that promotes the root and top growth. Apply 600 lbs. per acre. 85c. per 25 lbs.; 50 lbs., \$1.25; \$2.25 per 100 lbs.; 200 lbs., \$4.25; \$37.50 per ton.

Basic Slag. (See Phosphate.)

Blood, Bone and Potash (or "*Potash and Truck Special*"). The finest fertilizer for the truck patch or garden, combines every element of fertilizer; valuable for all vegetable crops, grass, gain or flowers. Note the high analysis: 7% av. phos. acid, 3½% ammonia, 3% potash. Per 100 lbs., \$2.50; \$4.50 per 200 lbs.; per ½ ton, \$19.00; \$37.00 per ton.

Blood (Dried). For indoor culture of flowering plants, like roses, carnations, etc., its chief element being nitrogen. 5 lbs., 30c.; 50c. per 10 lbs.; 25 lbs., \$1.25; \$2.00 per 50 lbs.; 100 lbs., \$3.75; \$6.75 per 200 lbs.

Blood Flour. Apply 200 lbs. per acre. Much like dried blood except that it is finer and acts almost instantly. 5 lbs., 50c.; 85c. per 10 lbs.; 25 lbs., \$1.50; \$2.75 per 50 lbs.; 100 lbs., \$5.00; \$9.50 per 200 lbs.

Bon Arbor. A concentrated chemical fertilizer similar to Bonora but less expensive; used in liquid form according to directions on the packages. 1 gal., \$2.00; \$9.25 per 5 gals. In powder form, dilutes 1 lb. of powder to 30 gallons of water. ½-lb. can, 30c.; per 1 lb., 50c.; \$1.80 per 5 lbs.; 50 lbs., at 25c. per lb.; 100 lbs., at 20c. per lb.; bbls. (200 to 250 lbs.), 18c. per lb.

Bone (Coarse Cracked). ¼ to ½ size. This is particularly used for fruit trees, grape vines, etc.; apply at the rate of from 3 to 5 lbs., at the base of each vine or tree, and work it into the soil. Per 200 lbs., \$6.00; \$25.00 per ½ ton; per ton, \$47.50.

Bone (Coarse Ground). Apply 600 to 800 lbs. per acre. Prepared from raw bones, exactly like bone meal except that it is not so fine, or quick in action; is used for the same purposes. 5 lbs., 25c.; 40c. per 10 lbs.; 25 lbs., 85c.; \$1.50 per 50 lbs.; 100 lbs., \$2.50; \$4.50 per 200 lbs.; per ton, \$38.00.

Bone Flour. Apply 600 lbs. per acre. Very fine, like dust, effective almost immediately; can be used for indoor or outdoor purposes. 5 lbs., 30c.; 45c. per 10 lbs.; 25 lbs., \$1.00; \$1.50 per 50 lbs.; 100 lbs., \$2.50; \$4.50 per 200 lbs.; ton, \$40.00.

Bone Flour (Superfine Grade). Effective immediately; excellent for roses, chrysanthemums, etc., in 100-lb. bags only. Per bag, \$3.00; 2 bags for \$5.50.

Bone Meal (Fine Ground). Apply 600 to 800 lbs. per acre. Made from raw bone, without any addition of materials. Extensively used for lawns, greenhouse and in any case where a moderately slow stimulant fertilizer is wanted. 3 lbs., 15c.; 25c. for 5 lbs.; 10 lbs., 40c.; 75c. per 25 lbs.; 50 lbs., \$1.25; \$2.00 per 100 lbs.; 200 lbs., \$3.75; \$33.00 per ton.

Bone Meal (Michell's Special Grade). We have been fortunate in locating a source from which we could get an unusual high grade of Bone Meal. By contracting for the entire output, the manufacturer agreed to let us have it. It is unusually rich in nitrogen and phosphoric acid, the two principal plant foods. We recommend this especially for lawns, gardens and greenhouses, or any purpose where a high-class fertilizer counts. Always specify Michell's Special Grade when ordering. 100 lbs., \$2.25; \$4.00 per 200 lbs.; ton, \$35.00.

Bonora. Directions for use are on each package. It may be used in either dry or liquid form; excellent for greenhouse and pot plants or vegetable forcing. 25c. per trial pkg (by mail, 30c.); 50c. per lb.; \$2.50 per 5 lbs. If wanted by mail allow for postage.



Chrysanthemum Manure (*Thomson's Special*). Especially recommended and used by the leading private gardeners of England and America. Very highly concentrated. Can be used in liquid and in dry form. Per 28-lb. sack, \$4.50; \$7.50 per 56-lb. sack.

Clay's Fertilizer. An English chemical fertilizer, for forcing greenhouse plants and vegetables. It can be used in either dry or liquid form. 15c. per lb.; 5 lbs., 60c.; \$1.10 per 10 lbs.; 28 lbs., \$2.00; \$3.50 per 56 lbs; 112 lbs., \$6.50.

Climax Lawn Sand. An unique combination of carefully dried and finely ground chemicals. Destroys weeds in lawns, 3½-lb. can, 40c.; 7-lb. can, 75c.; 14-lb. can, \$1.25; 28-lb. pkg., \$2.00; 56-lb. pkg., \$3.50; 112 lbs., \$6.00; 560 lbs., \$25.00; 1,120 lbs., \$45.00.

Copperas (*Sulphate of Iron*). The low cost of this makes it very valuable for field as well as lawn use, it being one of the best articles for the destruction of Canada thistle and other weeds difficult to eradicate. Especially valuable for eradicating dandelion, sorrel, etc. It dilutes 100 lbs. to 52 gallons of water, enough to treat an acre, and is applied with a sprayer. While it destroys weeds it stimulates the grass. 25 lbs., 75c.; 50 lbs., \$1.25; 100 lbs., \$1.75; 200 lbs., \$2.50; 500 lbs., \$5.75; 1000 lbs., \$11.00.

Cotton Seed Meal. Apply 600 lbs. per acre. Exceedingly rich in potash and ammonia, making it excellent for use as a grass and grain fertilizer; for putting greens it is invaluable. 5 lbs., 25c.; 40c. per 10 lbs.; 25 lbs., 85c.; \$1.50 per 50 lbs.; 100 lbs., \$2.75; \$5.00 per 200 lbs.; ton, \$40.00.



Cow or Cattle Manure (*Shredded*).

One sack of this is equal to one cart-load of cow manure, is convenient to handle, making it possible for everyone to get this usually scarce article at all times. 5 lbs., 25c.; 40c. for 10 lbs.; 25 lbs., 75c.; \$1.25 per 50 lbs.; \$2.00 per 100 lbs.; 500 lbs., \$9.00; \$16.00 per 1000 lbs.; ton, \$30.00.

Cow Manure (*Pulverized*). A fine top dressing for lawns or gardens or in greenhouses; apply 1000 lbs. per acre.

In 100-lb. bags only, \$2.00; \$9.00 per 500 lbs.; ton, \$30.00.

Farmo-Germ. A nitrogen-gathering bacteria to be used when planting or sowing leguminous plants, as clover, peas, beans, etc. Garden size bottles, 25c. and 50c.; acre size bottles, \$2.00; \$6.00 for 5 acre bottles.

Dried Ground Fish. Apply 300 to 400 lbs. per acre. For truck and plant forcing this is recommended. Also used to mix with other fertilizers to increase the ammonia analysis. In 200-lb. sacks only, \$6.50; \$60.00 per ton.

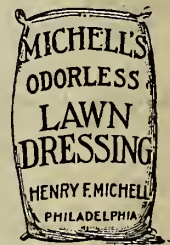
Guano Peruvian Substitute. Apply 600 lbs. per acre. This has a very high analysis of all necessary plant-food elements and is now extensively used in place of Peruvian Guano, which has become extremely scarce. It is recommended for all farm and vegetable crops. Per 25 lbs., 85c.; \$1.50 per 50 lbs.; per 100 lbs., \$2.65; \$4.50 per 200 lbs.; per ton, \$38.50.

Horn Shavings. Used principally for mixing in potting soil, is rich in ammonia; especially valuable in chrysanthemum growing. 10c. per lb.; 5 lbs., 40c.; \$1.75 per 25 lbs.; 50 lbs., \$2.75; \$5.00 per 100 lbs.

Horse Manure (see Manure, page 59).

Kainit (*Potash Salts*). Apply about 800 to 1000 lbs. per acre. Excellent for potatoes, corn and other grains. On account of European complications we were unable to determine prices when this catalog went to press. However, we will fill orders at lowest prevailing rates.

Land Plaster. Apply about 1000 to 1500 lbs. per acre. For a top dressing on sour and wornout soils, also for mixing with Paris Green 5 lbs., 15c.; 35c. per 25 lbs.; 50 lbs., 60c.; \$1.00 per 100 lbs.; 200 lbs., \$1.50; \$10.00 per ton.



ON PARCEL POST SHIPMENTS

If remittance accompanies order, it should include mailing charges.

MICHELL'S HIGH GRADE FERTILIZERS

Prices on all FERTILIZERS
Subject to Market Changes

Lawn Dressing (*Michell's Odorless*). Apply 500 to 600 lbs. per acre. A quick stimulant for lawns and grass lands. 5 lbs., 30c.; 50c. per 10 lbs.; 25 lbs., \$1.00; \$1.75 per 50 lbs.; 100 lbs., \$3.00; \$5.00 per 200 lbs.; 1000 lbs., \$21.00; \$40.00 per ton.

Lawn Sand (*Climax*). A single application is generally all that is needed. Select a bright sunny day, apply at the rate of 3½ lbs. to 150 square feet (a space 10 x 15). It fertilizes the grass, besides destroying the weeds. 3½ lb., 40c.; 75c. for 7 lbs.; 14 lbs., \$1.25; \$2.00 per 28 lbs.; 56 lbs., \$3.50; \$6.00 for 112 lbs.

Lime (*Hydrated or Powdered*). This is a very fine article for distributing on grass. It promotes growth, gives the grass a rich color and has a tendency to prevent the growth of weeds. Apply one ton per acre on fields or ½ ton on lawns. Per 100-lb. sack, \$1.25; 500 lbs., \$4.75; ton, \$12.50. Special price in carload lots and f. o. b. factory.

Lime (*Lump or Land*). This is the screenings or forkings from the lime kilns and is extremely valuable for field use. In car lots only; price on application. Apply 2,500 to 3,500 lbs. per acre.

Limestone (*Pulverized*). For applying on sour or wornout soils at the rate of 1 ton per acre. Put up in 100-lb. bags (no smaller quantity sold), \$1.00 per bag; 1000 lbs., \$6.00; \$10.00 per ton. (\$6.25 per ton, f. o. b. factory.)

Humus (*Alphano*). An excellent article to incorporate with poor soil in the garden, greenhouse or in potting plants. When used in garden work, the ground should be covered with from ½ to 2 inches of Humus and spaded in. 5 lbs., 15c.; 25c. for 10 lbs.; 25 lbs., 50c.; \$1.00 per 100 lbs.; 500 lbs., \$4.50; \$8.00 per 1000 lbs.; per ton, \$15.00. Special price, f. o. b. factory and in carload lots.

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 quoted on request.

MAPES' CELEBRATED FERTILIZERS. No less than 200-lb. sacks of Mapes' fertilizers are sold.

	F. O. B. Factory 200 lbs.	F. O. B. Phila. Ton	F. O. B. Phila. 200 lbs.	F. O. B. Phila. Ton
Potato Manure.....	\$6.25	\$60.00	\$6.50	\$62.00
Corn Manure.....	5.75	56.00	6.00	57.00
Complete Manure, for general use.....	5.75	56.00	6.00	57.00
Complete Manure, for average soils....	6.00	57.00	6.25	59.00
Complete Manure, for light soils.....	6.50	63.00	6.75	65.00
Vegetable Manure, for all soils.....	4.75	46.00	5.00	48.50
Early Vegetable and Truck Manure...	4.75	46.00	5.00	48.50

Muriate of Potash. Apply 100 to 150 lbs. per acre, usually with other fertilizers. This must be used with great care, as it is very powerful. Excellent for potatoes, corn, grains, etc. Analysis, equal to 50% actual potash. Owing to European complications we are unable to state prices, will fill orders at lowest quotations.

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. If used in liquid form dilute two ozs. to 1 gal. of water and do not apply oftener than twice a week. 1 lb. tin, 15c.; 40c. per 5 lb. tin; 10 lb. bag, 75c.; \$1.50 per 25 lb. bag; 50 lb. bag, \$2.50; \$3.50 per 100 lb.; 200 lb., \$6.25; \$20.00 per ½ ton; ton, \$56.00.

Nitragin. For inoculating Clovers and other legumes of all kinds. When ordering, please state for what crop you desire to use it. Garden size (¼ acre), 50c.; 1 acre size, \$2.00; 5 acre size, \$9.00.

Plant Food (*Michell's*). A highly concentrated chemical fertilizer for house use. 15c. per 6-oz. pkg.; 4 pkgs. by express (not prepaid), 50c. Allow for postage if wanted by mail.

Plant Food (*Bowker's*). Similar to the above in character and purpose, entirely odorless. 4-oz. pkgs., 15c.; 12-oz. pkgs., 25c. Allow for postage if wanted by mail.

Phosphate for Corn (*H. G. Potash Mixture*). Apply 500 to 600 lbs. per acre. This contains the necessary ingredients to produce a bumper crop of either field or sugar corn. Per 200 lbs., \$3.25; per ½ ton, \$13.00; \$25.00 per ton.

Phosphate, High-Grade Acid Tennessee or South Carolina Rock. 14%. Apply 1000 lbs. per acre. Used for mixing with other fertilizers to increase the phosphoric acid analysis. In 200-lb. sacks only, \$2.00; \$14.50 per ton.

Phosphate, Michell's High-Grade Ammoniated. For all vegetable crops, grain, grass, etc. Apply 500 to 600 lbs. per acre broadcast. 5 lbs., 20c.; 35c. per 10 lbs.; 25 lbs., 60c.; \$1.00 per 50 lbs.; 100 lbs., \$1.75; \$3.25 per 200 lbs.; ton, \$26.00.

Phosphate (*Thomas' Basic Slag*). Used extensively for top dressing lawn, grass and grain lands; contains the proper elements to produce a rich luxuriant growth; apply 600 to 800 lbs., per acre. \$2.75 per 200-lb. bag; per ton, \$22.50.

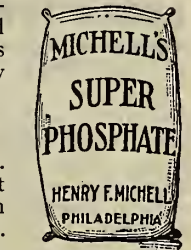
Potato Phosphate (*Michell's Hi-Grade*). Apply 400 to 600 lbs. per acre. The best fertilizer for potatoes, being extremely rich in every ingredient that potatoes thrive on. 25 lbs., 85c.; \$1.25 per 50 lbs.; 100 lbs., \$2.25; \$4.00 per 200 lbs.; ½ ton, \$19.00; ton, \$36.00.

Potato Manure (*Baugh's*). Apply at the rate of from 400 to 600 lbs. per acre. 25 lbs., 75c.; \$1.10 per 50 lbs.; per 100 lbs., \$2.00; \$3.50 per 200 lbs.; per ton, \$30.00.

Poudrette (*Native Guano*). Apply 1000 lbs. per acre. Extensively used for garden, lawns, in making compost and in fact wherever a good, quick acting fertilizer is wanted. It is odorless and easily handled. Poudrette is absolutely harmless to human beings. Applied as a fertilizer to any garden crop. 5 lbs., 20c.; 35c. per 10 lbs.; 25 lbs., 60c.; \$1.00 per 50 lbs.; 100 lbs., \$1.50; \$2.75 per 200 lbs.; 600 lbs., \$6.00; \$9.50 per 1000 lbs.; per ton, \$18.00.

Salt. For agricultural purposes, asparagus beds and putting on walks and roads to kill weeds. Apply 600 to 800 lbs. per acre in early spring. 10 lbs., 20c.; 30c. for 25 lbs.; 50 lbs., 55c.; \$1.00 per 100 lbs.; 200 lbs., \$1.50; \$10.00 per ton.

Sheep Manure (*Wizard Brand*). Apply 1000 lbs. per acre. For garden, lawn or greenhouse use, nothing surpasses sheep manure, it is clean and easily handled, besides giving immediate results. 2 lbs., 15c.; 25c. per 5 lbs.; 10 lbs., 40c.; 75c. per 25 lbs.; 50 lbs., \$1.25; \$2.00 per 100 lbs.; 500 lbs., \$9.00; \$16.00 per 1000 lbs.; per ton, \$30.00.



Soot (*Imported Scotch*). This is used principally for bringing a good healthy color into the foliage of chrysanthemum and other greenhouse plants. Also destroys insects and grubs that work on and underneath the surface. 10c. lb.; 5 lbs., 35c.; \$1.00 per 25 lbs.; 112 lbs., \$3.75.

Sulphate of Ammonia. Apply 75 to 100 lbs. per acre only with other fertilizers deficient in nitrogen. This material will stimulate growth almost immediately. Analysis, equal to 25% of ammonia. Owing to European complications, we are unable to state prices; will fill orders at lowest quotations.

Sulphate of Potash. Apply 100 to 125 lbs. per acre, usually with other fertilizers. On account of its great strength it must be used judiciously. Valuable for root and grain crops. Analysis, equal to 50% of actual potash. Owing to European complications, we are unable to state prices; will fill orders at lowest quotations.

Tankage. This is usually applied to plants such as roses, etc., under glass. It is similar to dried blood. 5 lbs., 30c.; 50c. per 10 lbs.; 25 lbs., \$1.00; \$1.50 per 50 lbs.; 100 lbs., \$2.50; \$4.00 per 200 lbs.; ton, \$36.00.

Thomson's Special Flower, Vegetable and Vine Manure. Imported from England, this excellent chemical fertilizer is extensively used wherever it is desired to force flowers or vegetables. 15c. lb.; 5 lbs., 60c.; \$1.10 per 10 lbs.; 28 lbs., \$1.75; \$3.25 per 56 lbs.; 112 lbs., \$6.25.

Tobacco Stems. For fumigating, mulching and fertilizing these are invaluable. The chief fertilizing element in them is the potash. They make an excellent top dressing for lawns in winter. 1 lb., 5c.; 20c. per 5 lbs.; per bushel, 50c.; \$1.00 per barrel sack; large bales, \$2.00; \$6.50 per ½-ton; ton, \$12.00.



Wood Ashes. See Ashes at top of opposite page.

Wheat Fertilizer. Recommended especially for all grass and grain crops. Apply 500 to 600 lbs. per acre. 200 lbs., \$3.25; ½ ton, \$14.50; \$28.00 per ton.

PLANT TUBS, FLOWER POTS, SAUCERS, Etc.

CEDAR TUBS

Equipped with Strong Iron Hoops

These are made by hand, of the very best white cedar painted green. They will be found very much superior to lower priced cedar tubs.



Cedar Plant Tub

No.	Outside Diam.	Length of stave outside	Black Iron Hoop	Galv. Hoop
No. 0.....	27 in.	24 in.	\$5.50	\$6.00
No. 1.....	25 "	22 "	5.00	5.50
No. 2.....	23 "	20 "	4.50	4.90
No. 3.....	21 "	18 "	4.00	4.40
No. 4.....	19½ "	16 "	3.00	3.35
No. 5.....	18 "	14 "	2.75	3.10
No. 6.....	16½ "	13 "	2.25	2.55
No. 7.....	15 "	12 "	2.00	2.30
No. 8.....	12 "	10 "	1.75	1.95

Tubs cannot be sent Parcel Post.

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 10c. per pair. Specify when wanted that way.

No.	Inside Diam.	Depth	Each
6.....	11 inches	10 inches	\$0.70
7.....	12 "	11 "	.80
8.....	13 "	12 "	.90
9.....	14 "	13 "	1.00
10.....	15 "	14 "	1.25
11.....	16 "	15 "	1.35
12.....	17 "	16 "	1.50
13.....	18 "	17 "	1.75
14.....	19 "	18 "	2.00

Tubs cannot be sent by Parcel Post.



WOOD FIBRE PLANT TUBS

Complete, with saucers.

	Green Enamelled Each	Mahogany Color Each
10 inch.....	\$1.00	\$0.68
12 inch.....	1.21	.79
14 inch.....	2.10	1.58
18 inch.....	5.25	4.20

These tubs cannot be mailed.

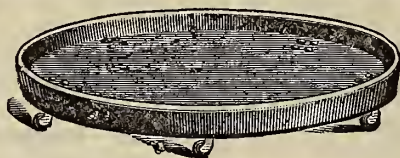
FERN DISH LINERS

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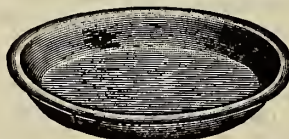
Very shallow, for inside of fancy silver or porcelain ferneries.

Width	Depth	Each	Doz.	100
7 in.	1⅞ in.	\$0.12	\$1.00	\$6.00

ROLLING STANDS (Wood Fibre)



Parcel Post Weight	Will fit Pot	Tub	Each	Doz.
12....2 lbs.	10 in.		\$0.58	\$6.60
14....2½ lbs.	12 "	No. 8	.68	7.80
16....3 lbs.	14 "	" 8	.76	8.60
18....3½ lbs.	16 "	" 7-6	.95	10.80
20.....		" 5	1.15	13.20
22.....		" 4	1.44	16.50



WOOD FIBRE SAUCERS

Extremely desirable on account of being absolutely waterproof. Plants put on these can be stood on the finest covering or wood-work without damage.

Parcel Post Weight	Each	Doz.	100
4 inches..... ¼ lb.	\$0.11	\$1.24	\$9.27
5 " " " ¼ lb.	.13	1.44	10.80
6 " " " ¼ lb.	.14	1.45	11.25
7 " " " ½ lb.	.15	1.62	12.15
8 " " " ½ lb.	.16	1.74	13.05
9 " " " ¾ lb.	.17	1.92	14.40
10 " " " ¾ lb.	.18	2.04	15.30
12 " " " 1¼ lbs.	.21	2.40	18.00
14 " " " 1½ lbs.	.28	3.18	23.85
16 " " " 2 lbs.	.49	5.52	41.40
18 " " " 2½ lbs.	.58	6.50	49.50



EARTHENWARE SAUCERS

These cannot be sent by Parcel Post.

Diam.	Each	Doz.	100
4 inches	\$0.02	\$0.15	\$1.12
5 "	.03	.18	1.40
6 "	.04	.24	1.88
7 "	.05	.31	2.40
8 "	.06	.47	3.60
9 "	.08	.62	4.80
10 "	.09	.78	6.00
11 "	.11	.94	7.20
12 "	.15	1.17	9.00
14 "	.25	1.95	15.00



Fern Liner



Seed Pan

EARTHEN FERN PANS

These cannot be sent by Parcel Post.

Width	Height	Each	Doz.	100
4 in.	1⅞ in.	\$0.04	\$0.31	\$1.65
4¾ "	2⅞ "	.05	.33	2.20
5½ "	2¼ "	.06	.41	2.75
6¼ "	2½ "	.07	.49	3.30
7 "	2⅝ "	.09	.55	3.85
8 "	3⅞ "	.11	.79	5.50
9 "	3¼ "	.15	.95	6.60

EARTHEN FLOWER POTS

These cannot be sent by Parcel Post.



Height and Width Inside	Each	Doz.	100	1000
2 inches.....	\$0.01	\$0.07	\$0.50	\$3.96
2¼ " " " " " "	.01	.08	.56	4.45
2½ " " " " " "	.02	.09	.69	5.45
3 " " " " " "	.02	.11	.88	6.93
3½ " " " " " "	.02	.14	1.06	8.41
4 " " " " " "	.02	.18	1.38	10.89
4½ " " " " " "	.03	.24	1.88	14.85
5 " " " " " "	.03	.32	2.50	19.80
5½ " " " " " "	.05	.41	3.13	24.75
6 " " " " " "	.05	.49	3.75	29.70
6½ " " " " " "	.07	.62	4.80	44.00
7 " " " " " "	.08	.78	6.00	55.00
8 " " " " " "	.11	1.09	8.40	77.00
9 " " " " " "	.16	1.56	12.00	110.00
10 " " " " " "	.22	2.11	16.20	148.50
11 " " " " " "	.29	2.81	21.60	
12 " " " " " "	.40	3.90	30.00	
14 " " " " " "	.80	7.80	60.00	
16 hand made....	1.50	13.50		

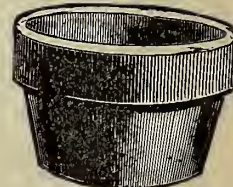
PAPER FLOWER POTS

Parcel Post Weight	Each	Doz.	100	1000
2¼... 3 ozs. 2 lbs.	\$0.08	\$0.35	\$3.00	
2½... 3 ozs. 2 lbs.	.10	.40	3.25	
3... 5 ozs. 2 lbs.	.12	.55	4.50	
3½... 7 ozs. 3 lbs.	.18	.70	6.00	
4... 8 ozs. 4 lbs.	.20	.95	7.50	
5... 15 ozs. 7 lbs.	.25	1.40	12.50	
6... 2 lbs. 11 lbs.	.30	1.80	17.00	

EARTHEN BULB PANS

These are fine for planting with bulbs, for ferns and other compact plants.

These cannot be sent by Parcel Post.



Diam. Inside	Each	Doz.	100
6 inches.....	\$0.07	\$0.68	\$3.75
7 " " " " " "	.08	.78	4.80
8 " " " " " "	.10	.98	6.00
9 " " " " " "	.15	1.30	8.40
10 " " " " " "	.20	1.63	10.80
12 " " " " " "	.25	2.28	15.00
14 " " " " " "	.50	4.55	30.00
16 " " " " " "	.90	7.80	60.00
18 " " " " " "	1.25	11.70	90.00

SEED PANS (Earthenware)

These cannot be sent Parcel Post.



Inches	Each	Doz.
6	\$.20	\$2.00
8	.25	2.50
10	.30	3.00
12	.40	3.50

AZALEA POTS

These cannot be sent by Parcel Post.

Width	Height	Each	Doz.	100
5 in.	4½ in.	\$0.04	\$0.32	\$2.50
6 " "	5 " "	.06	.51	3.93
7 " "	6 " "	.09	.82	6.30
8 " "	7 " "	.12	1.14	8.82
9 " "	7½ " "	.16	1.56	12.00
10 " "	8 " "	.24	2.21	17.00

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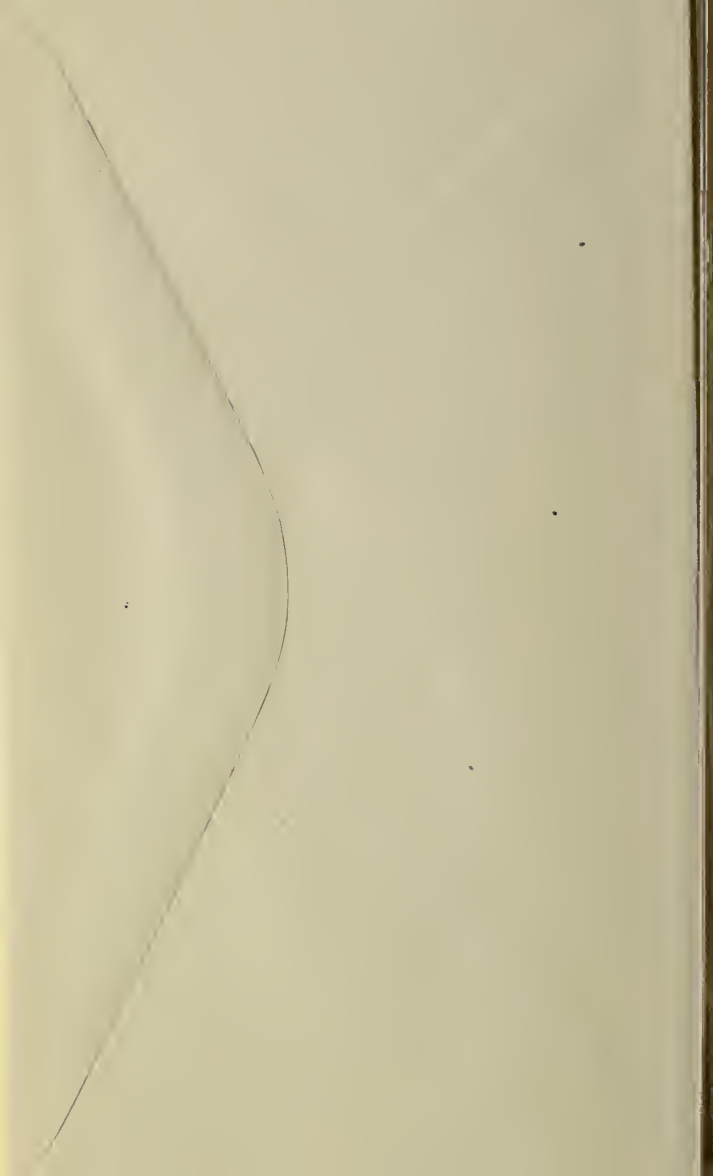
Mitchell's Seed House

518 Market Street

Philadelphia

PUT 2c
STAMP
HERE

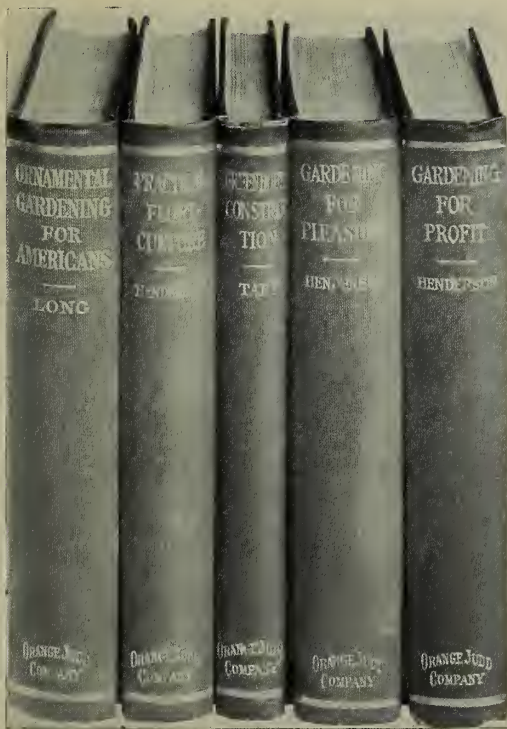
100
2.50
3.93
6.30
8.00



MICHELL'S BOOKS On Agriculture, Horticulture, Poultry

AND MATTERS PERTAINING THERETO

(Mailed Postpaid at prices quoted.)



BOOKS ON FLOWERS, VEGETABLES, Etc.

Alfalfa Growing (F. D. Coburn).....	\$0.50
Agriculture, The Principles of (Bailey). A text-book....	1.25
Amateur's Practical Garden-Book. Contains directions for the growing of the things about the house and garden..	1.00
Asparagus. (Hexamer). Its culture for home for market..	.50
Berry Book (Biggle)50
Botany (Wright). Cloth50
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