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a Corner of our main office where careful service commences

## Floral Service

## DEAR CUSTOMERS AND FRIENDS:

As we go to press with this, the 1916 issue of our "Floral Handbook," we deem it right and proper that we express the gratitude and appreciation we feel for the many courtesies and kindnesses extended by you in the past.

Your steady patronage-your constant loyalty to this, a Dallas enterprisehas enabled us to build up a Floral business that is a real credit to Texas-and, in simply justice to our establishment, we feel it right to say that this is moremuch more-than is usually meant by the term "Floral Business," for we have originated and, step-by-step, have built up a grade of "Floral SERVICE" that is proving of great value to all whom it seeks to benefit.

This "SERVICE" is yours. That it may wisely advise you on any subject connected with horticulture, landscape gardening, etc., is our hope-and, as it is backed by long years of studious experience right here in this section, we feel reasonably confident that this hope will be gratified.

Of our constant effort to supply you with healthy, true-to-name, thoroughly-acclimated plants, we need not speak-you know our reputation and our sense of responsibility to you. We might add that, during 1916, we will be in a position to supply anything and everything that is desirable in our line, and that we will continue to guarantee EVERYTHING we sell.

Many of our customers have found our "SERVICE BY MAIL" in worthy "younger brother" to the "personal service" that we have given you for years. You may send us your orders by mail with perfect confidence that you will get the same high grade of goods that you would secure through personal selection, and that our delivery-by-mail arrangements are such that you need have no hesitation in trusting them fully. We urge you to make use of this "Service by Mail" with whatever frequency your requirements demand, and we assure you that your satisfaction will be the principal factor in the manner in which we will fill all such orders.

The following pages are representative of our entire lines, both descriptions and illustrations. It is impossible, of course, to list our complete stocks, but, generally speaking, we will at all times be amply prepared to take care of your every requirement in our line, and to give every order the "degree" of care that has become typical of the "Lang Floral Service."

Very sincerely,


Residence of Mr. H. L. Edwards, of Highland Park, Dallas, one of our finest homes. The grounds designed and planted by Lang Floral \& Nursery Co.

The Order Sheet which is enclosed with this catalogue should be used in making out your order. If you deem it necessary to write a letter in addition, let it be on a separate sheet.

Bulbs will be sent by mail or express, charges prepaid, when ordered at single or dozen rates. At the 100 rate they are sent by express at purchaser's expense, unless otherwise stated. Seeds will be sent free by mail or express unless otherwise stated.

No premium is allowed when plants or seeds are to be sent by mail or express prepaid by us.

Small plants can be sent by mail if so desired, but we strongly advise our customers to have their plants sent by express at their expense, as larger and finer plants can be sent in this way, and "extras" are added to help defray charges, and we always ship in this way unless instructed to the contrary. Winter blooming plants are generally sent in pots by express only.

REMITTANCES may be made at OUR RISK by bank draft, postoffice money order, express order or registered letter. Small amounts may be sent by ordinary mail, and postage stamps can always be used by us to advantage (one and two-cent denominations preferred).
LANG FLORAL \& NURSERY COMPANY, 1303 MAIN ST., Dallas, Texas.

## ORCHARD PLANTING AND MANAGEMENT

LOCATION-The orehard shonld grow near and preferably on the worth side of the residence. Peaeh, Plum, Aprient and Cherry thrive best on high lands, while the Apple, Pear, Quinee, Fig, Grape and Berries grow best on deep, rich, moist soils. Dark loamy soil, underlaid with rich moist clay, with northern slope and exposure, is best for all kinds of fruits.

ON RECFPTION of trees or plants, they should be planted immediately. Every day of exposure redues their ehanee of life. If weather or other conditions prevent planting, all roots should be deeply covered with fine moist soil until nermanently transplanted.

PRCNING-When ready to plant a tree, eut all large roots back near the crown by holding the tree with top downward and cutting from the underside of the roots. About half of the top should be cut avay. Plant in small hole, deen enough to receive ton roots, or crowd two or three inches below the surface and paek the soil closely alout the roots. If the soil is dry at planting it should be moistened. If water is inclined to stand on orehard land, slight ridges should be thrown to the trees.

GATHELING-For eating fresh, for canning or for evaporating, fruit should be well ripened; for shipping or preserving it should be well eolored, ret firm.

ADAPTATION OF FRUITS-YOu can safely plant Chinese Pearhes, mative Plums, Kieffer Pears, Grapes and Blackberries in any part of the Southern States with a reasonable guarantee of plenty of fruit.

SPACE REQUIRED BY TREES
This raries with the quality of soil. In deep, rieh soil trees and plants should have greater space than in a thinner one. Apple trees should be planted.
Peach and Pear trees should be planted.
Plum and Aprieot trees should be planted.
30 to 30 feet apart
Grape-vines and Fig trees should be planted
15 to 20 feet apart
Berries should be planted.
$S$ to 10 feet apart

## NUMBER OF TREES PER ACRE

At 30 feet apart
48 trees ${ }^{\circ}$
At 10 feet apart
435 trees

108 trees
At 8 feet apart
680 trees
At 20 feet apart
At 15 feet apart....................................... 193 trees
At 6 feet apart
1200 trees
At 4 feet apart
2722 trees

Our terms are cash, except when special terms are made. Digging and shipping begins November 10, and continues until April.

## Standard Peaches

Peaches are among the most desirable fruits, and the peaches of Texas are famous. Here the trees grow and bear without care or cultivation almost anywhere the seed may be dropped. Many new, rare and prolific varieties are discovered every year. All classes and all varieties are adapted to some parts of Texas. The Chinese race is most popular, but many Persian and Spanish Peaches are considered indispensable. The north Chinese and Persian Peaches are most raluable in north Texas; the south Chinese and Spanish Peaches are best for the southern part of the state. Early varieties ripen in May and June, while others ripen continuously until December.

$$
\begin{aligned}
& \text { On } 6 \text { trees or more, apply dozen rates. } \\
& \text { On } 50 \text { trees or more, apply } 100 \text { rates }
\end{aligned}
$$

On 250 trees or more, apply 500 rates. On 50 trees or more, apply 100 rates.

| On 250 trees or more, apply 500 rates. <br> On 500 trees or more, apply 1000 rates. |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |
| \$ .50 | \$ | 5.00 | \$ | 30.00 | \$100.00 | \$175.00 |
| . 30 |  | 3.00 |  | 20.00 | 75.00 | 130.00 |
| . 25 |  | 2.50 |  | 16.00 | 50.00 | 90.00 |

Extra large 2 -year, 5 to 7 feet.
First grade 2 -year, 4 to 5 feet. First grade $2-\mathrm{year}, 4$ to
First grade, 3 to 4 feet. $. ~ . ~$


SNEED

EARLY ELBERTA-A perfectly vellow freestone, and ripe fully two weeks ahead of Eiberta. Should be in every orchard. Ripe in June.

ALEXANDER-Large, red, round, sweet; old standard. Ripe May 25 to June 1. Semi-cling.

ARP BEAUTY-A fine yellow commercial peach, ripening between Alexander and Mamie Ross. A favorite among East Texas orchards. Ripe June 10. Free.

MAMIE ROSS-Large, red cheek; valuable. Ripe June 20. Free.

ROGERS-Large, pointed, red cheek; very valuable. Ripe June 20. Free.

CRAWFORD'S EARLY-Large, yellow flesh, sub-acid. Ripe July 1. Free.

ELBERTA-Large, yellow, rich, oval shape; best commercial peach. Ripe July 15 to 20. Free.

GENERAL LEE CLING-Large, carmine-red, melting, juicy, rich. Ripe July 20 . Cling.

FAMILY FAVORITE-Large, oblong, red cheek; valuable. Ripe in July. Cling.

OLDMIXON CLING-Large, round, red cheek, sweet, firm; valuable. Ripe July 20.

HENRIETTA-Cling; large, round, yellow, rich and sweet. Ripe in September. Free.

OCTOBER INDIAN-Small, round, red, sweet, delicious; sure; valuable. Ripe in October. Cling.

CHINESE CLING-Very large, red cheek, white flesh, juicy. Ripe July 25.
GOVERNOR HOGG-A large white clingstone, Texas
introduction. A very valuable peach for family use. Ripe July 20 to 25 .
LATE ELBERTA-A fine, large yellow peach, almost identical with Elberta. Semi-cling. Ripe in August.


## Plums

The plum in many varieties, grows wild in all parts of the country. This is the most universal, most easily grown and most useful of all our fruits. The trees are hardy, vigorous and prolific. Some of the late blooming varieties never fail to bear in a location adapted to their growth.

Some of the varieties are adapted to every soil, and especially to the clay soils. More fruit will be matured where several varieties are planted near each other. The curculio is the worst enemy of the plum. This insect is easily destroyed by spreading sheets under trees soon after the bloom is shed, jarring the trees during cool, calm mornings and burning the insects. This should be repeated every week for three or four weeks.

## SEASON OF RIPENING.

Varieties in the following list will supply best fruit in about the order named: Six Weeks, Gonzales, Red June, Botan, Burbank, Milton, Weaver, Golden Beauty. This list will extend from May to September.

|  | Each | Doz. | 100 | 500 | 1000 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| First grade 2 year, 5 to 6 feet....... | \% . 50 | $\$ 5.00$ | \$30.00 | \$125.00 |  |
| First grade 2 year, | 330 | 3.50 | 25.00 | 100.00 | 175.00 |
| First grade 1 year, 2 to 3 feet. ....... | . 25 | 2.50 | 15.00 | 65.00 | 125.00 |
| GOLDEN BEAUT <br> hardy, very produc |  | dium | size, | yellow, | acid; |

GONZALES-Said to be a cross betwen a native plum and a Japan plum. Large, bright red, of delicious flavor; vigorous, hardy, productive.

MLLTON-Large, red, excellent, productive, hardy; similar to the old Wild Goose plum, but very superior. July.

RED JUNE (Japan)-Large, deep bright red, with purple bloom, heart-shaped, of splendid quality; very early, hardy, vigorous, prolific; very valuable.

WILD GOOSE-Large, red, oblong; good Chickasaw: ripe in June.

WEAVER (American)-Of medium size, round, dark red, of richest quality; vigorous, hardy, prolific, sure, extensive. One of the most valuable plums in cultivation for our climate. July 25.

AMERICA (cross between Chickasaw and Japan.)Large, round burnished corral and gold, of best quality; ripe in June; tree vigorous, hardy, productive. One of the best plums in cultivation. Ripens July 1st.

BURBANK (Japan)-Large, round, dull red; has firm, sweet, yellow flesh; ripe in July. A reclining grower; hardy and very prolific. One of the most popular of commercial plums.

EAGLE-A most valuable Chickasaw. Said to be everbearing and unfailing as a crop; has fine, rich red fruit; very productive. June.

## PLUMS-Continued

WICKSON (Japan)-Very large, oblong-pointed, yellow changing to brownish red; an upright grower, bears young; very valuable. July.
BOTAN, or ABUNDANCE (Japan)-Large, round, green,
yellow and red; yellow-fleshed, very sweet and juicy; early. Tree a strong, upright grower and very prolific. In some localities it is the best of all Japan varieties.


Botan

## Japan Persimmons

This royal fruit from Japan is deservedly popular, most Deautiful in foliage and fruit, and the most delicious of all fruit. It gains in the estimation of people everywhere, when they learn its value. We offer best obtainable varieties, grafted on native stocks.

Prices Japan Persimmon Trees:

HAKUME-Large, round, yellow, flesh red, good keeper; fine when soft.

KURO KUME-Large, round, dark red skin and flesh; delicious when packed away to ripen; productive. Ripe in October.


SIX WEEKS
SIX WEEKS-Large, brilliant red, flesh pink, seed small. It bears regular crops and begins ripening May 20 th. We consider it one of the most valuable varieties. The tree is a strong, stocky grower and free from disease. Every orchard should have a Six Weeks.

## Pomegranates

SUBACID-Large, yellow, red cheek, red flesh. 50 cts.

## Figs

A few hardy varieties of the Fig are planted with profit here. These are among the most hardy. Prices, Fig Trees, except where noted:


Standard Apples


## WINESAP

The apple is cultivated more widely, produced in greater quantity, and is of greater commercial value than any other fruit. Many varieties are well adapted to growth on the rich moist clay soils in East, North and Central Texas. Planters who have failed to grow apples in Texas
will, on investigation, find that they have chosen varieties not adapted to the climate, or planted on soils that did not furnish sufficient moisture. Varieties that originated in the South are much more valuable than those from the North.

## APPLES-Continued

The following choice Southern varieties ripen about in the order named:
June and July-Red June, Jonathan, Wetsel, San Jacinto.

August and September-Ben Davis, Shirley, Buckingham, Capitola, Jonathan.

October-Texas Red, Winesap, Black Twig, Arkansas Black.

First grade 2 year, Each Doz. 1005001000
5 to 6 feet.............. $\$ .40 \$ 4.00 \$ 30.00$ \$125.00 $\$ 200.00$ First grade 2 year,

4 to 5 fest.............. . $\mathbf{3 0} \mathbf{3 . 0 0} \mathbf{2 2 . 5 0} \mathbf{1 0 0 . 0 0} \mathbf{1 7 5 . 0 0}$
MAM. BLACK TWIG-Large to very large, flesh pale yellow, tender and juicy. The tree is very vigorous and productive. A seedling of the Winesap. September.

KINNARD'S CHOICE-Strong, spreading tree, and very prolific. Flesh yellow, crisp and of fine flavor. The best of the Winesap seedlings. September.

GANO-Large, roundish, oblong, very similar to Ben Davis. Does well in the Southwest. September.

ARKANSAS BLACK-Large, smooth, round, dark red, with firm yellow flesh; of strong, upright growth; a good keeper.

BEN DAVIS-Extra large, oblong, pink and red striped; flesh white, juicy, sub-acid; tree strong; vigorous, prolific. A leading commercial apple.

JONATHAN-Of medium size, bright red, round; flesh tender, juicy, rich; a slender spreading grower, with ashcolored bark; very prolific; valuable.

RED JUNE-Medium size, conical, deep red; flesh white, tender, juicy, sub-acid; upright, vigorous, hardy, prolific; valuable.

SAN JACINTO-Like an enormously large Red June apple, of which it appears to be a seedling, coming in just as the Red June goes out. Tree vigorous and prolific; very productive. A variety of the highest merit both for market and table. Fruit hangs to the tree remarkably well and a fine keeper for an early apple. A splendid new apple.

TEXAS RED-Of medium size, red-striped, of good quality; a good keeper; hardy, vigorous, prolific.

WINESAP-Medium, red, round; flesh yellow, rich, firm, crisp, high-flavored, hardy, prolific; valuable.

## CRAB APPLES

|  | Each | Doz. |
| :---: | :---: | :---: |
| or 5 feet | \$ .50 | \$5.00 |
| 3 or 4 feet. | . 30 | 3.00 |

TRANSCENDENT (Siberian)-An attractive yellow color, striped with red; bears very young and regular crops thereafter. Ripe in July.

FLORENCE-Immensely productive, bearing in large clusters; yellow splashed with bright red. Ripe 1 st of August. The Crab apple is very popular for preserving, and will grow and produce well in any locality.


## Apricots

The apricot is among the most delicious and beautiful of all fruits. The trees are well adapted to growing in yards or near buildings where the soil is firm and hard. In growing and protecting apricots use the same treatment as with peaches and plums.


EARLY CLUSTER-Clear yellow, excellent quality. From Mr. Ramsey.

EARLY GOLDEN-Clear yellow, excellent quality. size, prolific and hardy; tree upright, strong grower; thrives on any soil. Special.
EARLY MAY (Russian)-Large, yellow freestone; rich, juicy, well-flavored; very early, ripe in May; hardy, vigorous, fruitful. New; discovered by us. 75 cts.
LAMPASAS-Large, yellow, red-cheeked, of good quality; vigorous, hardy.

MOORPARK-Large, fine orange-red, of best quality.

## Pear Trees---Standard and Select

This fruit is growing in popularity since many new hardy and prolific varieties are being introduced. In habit of growth and requirements the pear is similar to the apple. The trees require a rich soil, underlaid with deep, moist clay. The fruit should be gathered before it is fully ripe and stored in a cool, dark place to ripen properly.

## SEASON OF RIPENING.

The following select rarieties ripen near the order in which they are named:

July and August-Clapp's Favorite, Bartlett, Duchess, Garber, Kieffer.

Our pears are grown on imported French stock. The trees are healthy, free from disease, and we quote at the following prices:

First grade 2 year, 6 to 7 feet, 50c each; $\$ 5.00$ per doz; $\$ 35.00$ per 100; $\$ 150.00$ per $500 ; \$ 250.00$ per 1000 .

First grade, 5 to 6 feet, 30e each: $\$ 3.50$ per doz.; $\$ 25.00$ per 100; $\$ 100.00$ per $500 ; \$ 155.00$ per 1000 .

DUCHESS-Very large, yellow; flesh white, of rich flavor, juicy, excellent; hardy, vigorous, prolific; very valuable.

GARBER (Oriental Hybrid)-Large, of good quality; very vigorous, hardy and prolific; is growing very popular.

KIEFFER-Large, yellow, red cheek, oval; flesh white and juicy; valuable for preserves, also for eating when ripened in boxes; tree large, productive and hardy. Most valuable of all pears for Southwest.

IE CONTE-Large, yellow, smooth, valuable hybrid; fruit good when ripened well in the shade. July.

BARTLETT-Large, rich, erect, vigorous, productive; nutty, tender, melting; very valuable.

CLAPP'S FAVORITE-Large, red-cheeked, of fine quality; hardy, vigorous and productive; valuable.


## Mulberries

The Mulberry is a natural growth :n the South. It is a beautiful shade tree and furnishes a pleasant fruit for many weeks. Growers of pigs and poultry find it a profitable tree. We offer a choice selection of the best varieties.

DOWNING-Fruit large, early, of best quality; tree large and productive.

HICK'S EVERBEAIRING-Tree large, vigorous, hardy, very productive, bearing large quantities of fruit during eight or ten weeks.

KIRISPATRICK'S HYBRID-One of the strongest growers we have ever seen and bears an abundance of the most delicious fruit from early in season to the very latest. 75 ets.

Price, except where noted, 50 cts. each.

## Cherries

Only a few varieties of Cherries have been found valuable in the South. These trees appear to do best in dry yards, or other uncultivated grounds.

EARLY RICHMOND-Early, dark red, sub-acid; most prolific and hardy of all varieties tested here. 50 cts.

GOV. WOOD-Large, oblong, light red, juicy. sub-arid: upright tree. 50 ets. each; $\$ 5.00$ per doz.

NEW CENTURY-This new cherry seems to be a cross between Morello and the sweet type of cherries; early, large, light red, with good flavor. It is a strong grower, with healthy, vigorous foliage, and for a number of years has borne better in Grayson County, Texas, where it originated, than any other variety. We offer the New Century, believing it to be the best Southwestern Cherry. 75 ets. each; $\$ 0.00$ per doz.


## Miscellaneous Trees

## PECANS

This is the richest and most popular of all nuts. It is native, hardy, vigorous and productive. It is comparatively free from insect enemies and diseases. It is in endless variety of size, form, color, thinness of shell and other characteristics. It is subject to endless improvement in quality, increase in quantity, and use in commerce. The millions of wild pecans and hickory trees, whose fruit is poor or of little value, can be readily converted, by top working, into tree bearing most valuable nuts. Grafted pecan trees give most reliably good results.
Prices of soft shelled Pecans, selected seedlings:

| Each | Doz. | 100 |
| ---: | ---: | ---: |
| $\$ .35$ | $\$ 3.00$ | $\$ 20.00$ |
| $\mathbf{. 4 0}$ | $\mathbf{4 . 0 0}$ | $\mathbf{2 5 . 0 0}$ |
| $\mathbf{. 5 0}$ | $\mathbf{5 . 0 0}$ | $\mathbf{3 0 . 0 0}$ |

## GR.AFTED AND BUDDED PECANS.

Wonderful progress is being made in the improvement or selection of pecans. The grading of the characteristics has been reduced to a science, standards of excellence established allowing 100 points the maximum, as to trees, as follows: Productiveness, 40 points; hardiness, 20; propagation, 20 ; toughness, 10; form, 10; total, 100. In the nuts, separation, 30 ; plumpness, 25 ; quality, 20 ; size, 15 ; form, 5 ; color, 5 ; total, 100 points. These fine qualities once secured are maintained with absolute certainty by grafting or budding from these fine trees on seedling stocks. Orchards thus selected and started are an unfailing source of greatest profit and gratification. We have a good stock of the following finest varieties: Stewart, Frotcher, Van Deman, Money-Maker, Pabst, Success and Russell.

Prices of budded and grafted pecans:


## WALNUTS (Japan Walnuts)

These fine nut. shade and ornamental trees should be extensively planted. They have been largely distributed and tested from New York to the gulf coast. They grow best in strong lime soils, such as the best soils of Texas, best in strong lime soils, such as the "best soils of Texas, and also on the lighter sandy soils. "Ruff," rocky places might profitably be utilized by growing these fine, rapid, trees. The roots are more fibrous than the Black Walnut, hence the trees transplant easily. We have fine blocks of these trees ranging in height from 2 to 8 feet, in four varieties, now in cultivation from seed imported from Japan.

Prices on Japan Walnuts:


JUGLANS SIEBOLDIANA-Hardiest, most rapid tree, enduring farthest north; nuts grow in clusters, shell thicker than Persian or English Walnuts; flavor excellent. Large stock.

BLACK WALNUTS-Seedlings from large nuts, 3 to 4 ft., 30c each, $\$ 2.50$ per doz., $\$ 25$ per $100 ; 4$ to 5 ft., 40 c each, $\$ 3.50$ per dez., $\$ 30$ per $100 ; 5$ to 7 ft., 50c each, $\$ 5$ per doz., \$40 per 100 .

## Shade Trees

Our list includes such trees as have proved the most valuable over a large extent of territory, are easily transplanted, free from depredation of enemies, long-lived, and grow into greatest beauty and ralue. We especially recommend the Sycamore, Elm, Walnut, Pecan, Poplar, Mulbery, Hackbery and Maple.


ELM, American-Native; large, spreading, has graceful, drooping branches; unexcelled in grandeur and majesty. Hardy, long-lived; desirable everywhere.

LOCUST, Rlack-Large, of rapid, stately growth; soft, graceful foliage and white, fragrant, pendulous flowers in great abundance.
MAPLE-Large, rapid grower; valuable on moist soils and protected locations.

MULBERRY-Native and foreign varieties, are hardy, vigorous. graceful and desirable.

POPLAR, Carolina-A large, stately, robust grower: leaves large. glossy green; hardy and valuable.

SILVER POPLAR-Rapid-growing; leaves large, green above and white beneath; hardy and valuable everywhere.

SYCAMORE-Large, stately. symmetrical, hardy; longlived; has beautiful white branches and large green leaves. One of the best shade trees everywhere.

SHADE TREES-Continued
UMBRELLA TREE (Chinn or Texas Umbrella)-A rapId grower, with luxuriant, deep green foliage, forming a beautiful canopy top, enduring perfectly till severe frost. Trees, 5 to 6 feet. 50c ench; $\$ 5.00$ per doz. Trees 6 to $\delta$ feet, $\$ 1.00$ eacli; $\$ 10.00$ per doz.

WhLLOW, American Weeping-A large, rapid grower, of graceful weeping habit, showing greatest beauty in moist locations.

CATALPA BUNGII-A beautiful umbrella topped tree, very distinct and striking as well as hardy. Fine for drive-ways or specimen plants. We bud on a six to seven foot stem.

Price: 2-year heads, $\$ 1.50$ each; $\$ 15.00$ per doz.


LONG LEAF ANERICAN ELM


SYCAMORE

## Grapes



CUT OF CONCORD GRAPES, 2 YEARS OLD

In commercial and general importance the grape is superior to all other fruits except the apple. A very large number of varieties are in cultivation, many of which are limited in their area of adaptation. As with all
other fruits, in selecting varieties the planter should be careful to plant sorts adapted to his section. The following list is adapted to a wide area and will be found valuable in the South. The cultivation of the grape, so

## GRAPES-Continued

as to produce valuable commercial fruit, is best learned by the aid and advice of a successful grower. The grape is an annual bearer, and, if properly sprayed with Bordeaux Mixture, will mature its fruit with much certainty each year.

## STANDARD GRAPES

We are able to give customers from our rich limestone soil, a root system that is bound to please.

Prices, except where noted:

## Each Doz. 1005001000

No. 1,2 year old
\$ .25 \$3.00 \$17.50 \$75.00 \$125.00
BLACK SPANISH-Small berry. large clusters; late. Make fine wine; best in Southwest Texas.

CATAWBA-Red; table and wine.
CHAMPION-Large black.
CONCORD-Large, black; a standard commercial sort North.

DELAWARE-Small, red, tender, very sweet and delicious; hardy and productive.

HERBEMONT-Berry small, dark blue, tender; bunch large; vigorous, hardy, productive, extensive and deservedly popular, makes good vines; late.

IVES-Of medium size, black, pulpy, sweet, hardy, vigorous, productive.

MOORE'S DIAMOND-Finest white.
MOORE'S EARLY-Large, black with blue bloom; valuable for earliness.

NIAGARA-Large, white or light yellow; hardy, vigorous, productive, extensive. Very popular.


MOORE'S DIAMONI


This cut will show you how the Concord, Niagara and Catawba will grow.

# Berries 

## STRAWBERRIES

KLONDIKE-Large, early, best berry for the South and coast country.
CRESCENT-Large, bright red, excellent; very productive; pistillate, and should be planted with a staminate variety.
CAPTAIN JACK-Large, dark red; of best quality; a hardy, productive, staminate variety.

EXCELSIOR-Hardy, vigorous, valuable. Staminate or perfect flowered.
LADY THOMPSON-Large, good color, uniform, hardy, a) uable. Staminate.

PARKER EARLY-Large, long, red, sub-acid; hardy and most prolific; staminate.

Price 100
$\$ 5.00$


MeDONALD,
THE KING OF BERRIES

## BLACKBERRIES AND DEWBERRIES

The blackberry, like the grape and plum, is native to the soil and will grow anywhere. It is one of the most reliable, wholesome and valuable of all fruits. By planting early and late varieties, a continuous supply can be enjoyed six or eight weeks each season.

You will notice we do not quote berries in lots of less than twenty-five plants of a variety. They are tied in bunches of twenty-five in the fields and cannot be broken. Any purchaser needs as many as twenty-five of a en. An

|  | Per 25 | 100 | 0 | 1000 |
| :---: | :---: | :---: | :---: | :---: |
| McDonald | . \$1.50 | \$5.00 | \$14.00 | \$25.00 |
| Robinson | 1.50 | 5.00 | 12.50 | 20.00 |
| Other Var | 1.00 | 3.50 | 10.00 | 17.50 |

DALLAS-Large, round, of good quality; vigorous, hardy, prolific, extensive. Has proved to be one of the most satisfactory varieties to grow. Native of Dallas, Texds.
MOBINSON, or ELDORADO-Large, of good quality; an ynright grower; vigorous, hardy, productive. $\$ 1.00$ per doz.

THE REID BERRY-This berry is from Red River, Texas. Large, delicious, productive; hardy, vigorous growth; uniform in size; regular in fruiting; almost free from suckers; strong, upright vine. Second in ripening. following early dewberries. The most valuable early blackberry we have seen. Adapted to black land, as well as sandy soil. There is no disappointment in this berry. $\$ 1.00$ per doz., $\$ 7.50$ per 100 .

AUSTIN DEWBERRY-Very large, sub-acid; hardy, vigorous, very productive. Plant is an erect, strong grower, rather than a trailer.

MeDONALD-Large, tender, juicy, of best quality. Earliest, hardiest, most vigorous and most productive
of all berries here. This is a new berry, a cross between the blackberry and dewberry. It is incomparably more productive than any berry fruited here, one plant producing more fruit than a half dozen plants of any of the older sorts. Twenty quarts of fruit have been gathered from a single plant. Its bright green foliage is held through the hottest summers and is nearly or quite evergreen. Among its admirable qualities is its earliness; the fruit is ripe one week earlier than the Austin or any other good blackberry. Planters here, who have thoroughly tried this berry, would not exchange it for any other. It was discovered in this country near Wiley, Texas. We introduce it with confidence that it will prove a valuable acquisition.


## Climbing Vines

BOSTON IVY (Ampelopsis Veitchil)-Vigorous creeper, desirable on walls, stumps, fences, etc. 25 cts.

CLEMATIS HENRIY-Graceful, with large white flowers. 75 ets.

CLEMATIS MAD. EDOUARD ANDRE-REd. 75 ets.

HONEYSUCKLE, Hall's Japan-Flowers pure white, changing to yellow; very fragrant; nearly evergreen; hardy and valuable. 25 ets.

MATRIMONY VINE-Very vigorous, hardy; has purple flowers succeeded by scarlet berries. 25 ctm.


CLEMATIS HENRII AND JACKMANII

CLEMATIS JACKMANI-Purple. $\quad 5$ ets.
CLEMATIS PANICULATA-Hardy climber. White, fragrant, star-shaped flowers. 35 ets.

HONEYSUCKLE-Beautiful trailing vine, in variety, with fragrant flowers, red, white and yellow. 25 cts.

HONEYSUCKLE, Scarlet Trumpet-Hardy and vigorous. 25 ets.

WISTARIA, Purple-A large, strong grower, with long racemes of white flowers. 25 ets.

WISTARIA, White - A large, strong grower, with long racemes of white flowers. 25 ets.

ENGI_ISH IVY - One of the few evergreens. Clings to any tree or wall, brick or wood. Large plants, 35 ets; small plants, 15 ets. each.

## Ornamental Shrubs



SPIREA VAN HOUTTE

Price to apply on SHRUBS and ORNAMENTALS except where noted:

Strong, 2 year No. 1 plants...................... . . $\$ .50$. 85.00 Strong, 1 year No. 1 plants......................... . $35 \mathbf{3 . 0 0}$

PURPLE FRINGE (Smoke Tree)-A shrub from the south of Europe much admired for its curious hair-like flowers that cover the whole surface of the plant in mid-
summer. When properly cared for it will grow to a height of eight to ten feet.

HARDY SALVIA-A beautiful shrub of recent introduction; flowers a beautiful red, very hardy and flowers from early spring until frost kills the flowers; the leaves stay green all winter. This shrub can be planted in any kind of soil and will stand more drouth than any plant we grow.



HOSEDAIE ARHORVITAE

## AN ARBOH OF゙ MOON VINはS FOOR (2UHK SHADE

BABHERIRY 'IHUMBHERGB-A beautiful low-spreading shrub with yallow flowers and lhorns to the stems. Often used for hedges, as no animal will go through same and few over.
sNoWBABI, Well-known, the large globes of pure white fiowers appear in the spring.

HHIDAL. WHEATH-A specte of Spirea, very double, and one mass of flowers in early spring. 25 etm.

Silfica (Vum Hontte)-A graceful shrub, with large panleles of clegant white flowers in spring. 25 efs.

SPIRLA (ChHeme HBHe)-A new speeie of the Splica that has proven very sathsfaetory. It inakes a beautlfil oval growth, and is a mass of blue from August untll frost.
filow erfing whilow -One of the most useful of yard shrubs; flowers all summer; frows to a helght of 10 fect.

TAMABIX-Tall, graceful, with junfper-llke foliage and a great profinsion of dolleate rosy purple flowers covering the entire surface. A handsome shrub at all seasons.

JAPAN RUINCH: (CHonla Jabonleat)-A bealulifill shrub for early spring blooming. They produce immense clusters of brigint red beli-shaped flowers, before a leaf shows on the plant.

WEIGELA-Flegant, with fine rose-colored flowers, hardy, and blooms when quite sinail. One of the most popular and satisfactory shrubs. 25. ets.

IPUNUS IPISSABIDI-Double flowers cover the tree before any leaves are out; after flowers are over the tree
is covered with dark follage for the balance of the season. llve tree, the limbs naturally weeplng to the ground. We graft to six and elght foot stems. This fives a niee height for cither single specimens or park rows.

Price: 2 year heads, $\$ 1.50$ each; $\$ 15.00$ per dozen.
AHFHEA or HOSN OF SHARON-One of the hardiest shrubs frown and for single specimens or grouping, there is no plent that will ghe you better results. We grow them in great quantity and can give you plants in assorted colors, white, pink, purple, lavender, variegated. We also handle in double or single flowering. The plants bloom from early summer until autumn. 25 and 35 etn.

CHEDLA MYGFIA-Few people realize the satisfaction from a planthg of Crepe Myrtle. When other plants refuse to bloom yon can always find the Crepe Myrtle loaded with a mass of flowers. We grow in quantity the pink and erimson. It is especially attractive for hedging or grouping.

DCUJVIA-An upright, thrifty shrub, with a profusion of delicately beautiful white and pink flowers in spring. $2 \cdot \pi \cdot 1 N$.

IIYDRANGEA-Large, globular flowers, shaded with green, while and rose-color; very hardy.

LIIAC, both White and Purple-An uprlght, attractive shrub, greatly admired for its profusion of blue and purple fragrant flowers in early spring. A favorite in all sections.

SYIENGA, or MOCK OHANGE-Upright growing, eovered with large white fragrant flowers in spring.


Ifardal View of our Weat Dallan Nurnery Groundm, where we grow thousamdm of icvergreens, foonen, Shrubn, and both lirultand shade Treen.

No order too large; none too mmall.


For bent renulte, plant all Treen, Shrubs and Vines early. If you wint Trees that whll grow-order from us.

## Hedge Plants



GOI,DEN ARBORVITAE

CIEMATIS PANICUIATA

## Evergreens

We grow perfect specimens, and with the increasing demand shall give this line special attention. Note carefully our prices Balled in earth and not Balled.

Many of the finest known conifers are adapted to growth in the South.

Prices of Evergreens:


ARBORVITAE, Chinese Compacta-Small, conical, with dense, flat, light green foliage; very beautiful.

ChInese Golden-Small, erect; compact foliage; tinted with gold.

Roscdale-An American hybrid, combining the beauty of the arborvitae, juniper and cypress. Erect, compact; has fine soft foliage of beautiful bluish green, similar to that of the Retinospora; hardy, and a most desirable Evergreen.

DEODORA (Cedrus Deodora)-The great Cedar of the Himalayan Mountains. A grand, stately tree attaining a helght of 50 to 65 feet. Glaucous pea-green, branches horizontal and spreading. By far the most striking Evergreen for the South.

Prices, Balled in Earth:


Large specimens, 6 to 10 feet, each, $\$ 7.50$ to $\$ 10.00$.
CAPE JASMINE-A beautiful Southern shrub, with glossy leaves; the white buds and flowers are most beautiful and fragrant. Nice Pot Plants, 25e; Large Fleld Grown Plante, 50c.

MAGNOLIA (Grandifiora)-Native to southern Texas. Queen of all trees; has large, heavy, bright green foliage and immense white flowers of great beauty and fragrance. 1 to 2 ft . koc; 2 to $3 \mathrm{ft} . \$ 1 ; 3$ to 4 ft . $\$ 1.50$.

Large specimen plants, balled, \$5.00, \$7.50 and $\$ 10.00$.


CEDIRUS DEODORA
What more graceful Evergreen could you find?

## HEDGE PLANTS-Continued




A PLANTING OF ASSORTED SPIREA SHRCBS

BOX (Buxus sempervirens)-Thick green leaves; very ornamental. 6 to 12 in., 25 cts. each; $\$ 15$ per 100; 1 to 2 feet, 35 cts. each; \$25 per 100.

CITRES TRIFOLIATA (Hardy Orange)-Very hardy, green leaves and branches, long spikes, yellow fruit. Most raluable Southern hedge plant.

ELONYMUS JAPONICA-Evergreen shrub, shining leaves; beautiful hedge plants.

In addition to these plants, beautiful hedges, edgings and screens are often made of evergreens, such as Rosedale and Golden Arborvitae, also of shrubs, such as Crepe Myrtle, Altheas, Spirea, Tamarix, etc.


HEDGE OF BARBERRY AND SYCAMORE SHADE TREES


A BED OF TULIPS

## Roses

FIELD GROWN ROSES can not be had after March 15th. Time to plant all Field Roses, Shrubs and Trees, November 20 to March 1. Small Pot Roses can not be had before Junuary 1st. Time to plant January 1st to May 1st.


SOUVENIR DE LA MAIMAISON
SUNBURST-Best yellow to date, full long bud and double, free bloom. Field Grown, 50c each, Pot Roses, 20c each.

LATEST ADDITIONS TO OUR LIST OF HIGH-CLASS ROSES-BEAUTIFUL STOCK.
MOSTLY NEW ROSES
New, that have been tested and found good for this climate. Don't fail to try one of each.
MRS. GEORGE SHAWYER-This Rose promises good things in its color and class. The color is a lovely bright shade of pink. A valuable Rose which deserves a careful test for forcing, both for summer and winter cut flowers, and it has all the ear-marks of a fine bedder. From the raisers of Lady Hillingdon. Pot Roses, price $25 \varepsilon$ each; Field Plants, 2 years old, 50c each.

SENATEUR MASCURAND-This is our pick of all the yellow Hybrid Tea Roses; it is a good grower, very free bloomer; flowers are large, full and globular; color deep orange-yellow, lighter on the edge of the petals. Pot Roses, price 25c each; Field Plants, 35c each.


JONKHEER J. L. MOCK
LADY HILLINGDON-At the Detroit Rose show in January, 1912, this was awarded the sweepstakes over all yellow Roses. It has long willowy stems that are in no sense weak, as the buds are held upright; has a long slender pointed bud of brilliant deep golden-yellow. Awarded gold medal. Pot Roses, price 25c each; Field plants, 35e each.

ANTOINE RIVOIRE-A handsome Rose, with large, full Camelia-shaped flowers. Color rosy-flesh on a yellow ground, shaded with a border of carmine. Pot Roses oniy, price 20c each.

MRS. AARON WARD-One of the most delightful Roses of recent years in a color that catches the eye at once. Coppery-orange in the open bud, golden-orange when partly developed, pinkish fawn of lovely shade when fully open, when it looks like a full fluffy silk rosette. Pot Roses, price 25c cach; Field Piants, 35e each.

JONKHEER J. L. MOCK-This grand Rose is the strongest growing in the Hybrid Tea class. The blooms, which are produced with the greatest freedom, are carried on stiff and erect stems and are of the largest size, of perfect formation and highly perfumed. Color clear of perfect formation and highly perfumed. Color clear medals, one silver medal and five first prizes in Europe. We can confidently recommend this sterling novelty as a most valuable addition. Pot Roses, 25c each; Field Plants, 35c each.

DEAN HOLE-An intense salmon-pink with bud of extraordinary length opening into a mammoth bloom of splendid substance. An English gold medal Rose that is bound to rank with the very best. Gold medal, N. R. Pot Roses, price 25e each; Field Plants, 35c each.

MI-LADY-A cross between "Richmond" and "J. B. Clark." Color similar to "Richmond." Large, full, wellformed flowers carried on stiff, erect stems. Very fragrant and a fine keeper. Has jumped into popularity as a forcing Rose, but is, we think, more suited as a garden Rose. Pot Roses, price 25c each; Field Plants, 50c each.


IRS. GEO. SHAWYER

## ROSES-Continued

MRS. CHARLES RUSSELL-This wonderful new American Rose has taken the country by, storm. No other forcing Rose except "American Beauty" can compete with it when it comes to counting points. Stems three feet long, stiff and surmounted by grand rosy-pink blooms of the largest size and build. Feep your eye on this Rose. Pot Roses, price 25c each; Field Plants, 50c each.

## ROSES OF RECENT INTRODUCTION

That have proved of excellent value and beauty to our Rose Field. Extra select plants, 50e each; \$5.00 per doz.; No. 1 , good stock, 35 c each; $\$ 4.00$ per doz.

WHITE AMERICAN BEACTY OF FRAU KARL DRCSCHKE-The largest and finest white Rose; stems heavy, foliage large and green. Pot Plants. 15c; 2-rear Field Roses, 50c each.


MRS. JOHN LAING-See page 21.
PRESIDENT TAFT (H. T.)-There have been two Roses sent out under this name, a red variety from Europe without merit, and the one we here describe. This Rose was raised in Cincinnati, the home of President Taft, and let us say right here, while some of you may not admire the president himself, you will, one and all, admire the Rose given his name. It is without question the most remarkable of all pink roses. It has a shining, intense, deep pink color, possessed by no other rose. It is a fine grower, free bloomer. good size and form, fragrant, and is in a class by itself as to color. Our Mr. Frank Good, who is probably familiar with more Roses Frank Good, who is probably familiar with more Roses than any man in America, says: "Talk all you want to about the Rose President Taft, and then you vill not
say enough." Field Roses, soc each; Fine Pot Roses, 15e each.
FREIHERR VON MARSHALL (TEa)-As an outdoor Rose it has no superior. The flowers are large, beautifully shaped, double and full, borne in wonderful profusion all through the growing season. It is bright red, one of the brightest, if not the very best red Tea Rose in existence, fine long, Well-shaped bud. Fine Pot Roses, 15̌ each; 2-rear Field Roses, select, 50e; No. 1, 35c.


## BLUMENSCHMIDT

MX MARYLAND-One of the pink Roses that is of a clear pink color throughout. Flowers are borne on long, stiff stems and a beautiful long bud always opens, never blights. Pot Roses, 15e; Field Roses, 35e each.

BLLMENSCHMIDT-Pure, rich yellow; outer petals edged tender rose. A sport from Mad. Francis Krueger, which it resembles in form. Winner of several first prizes. Pot Roses, 15c each; Field Roses, 35e each.

GRUSS AN SANGERHAUSEN-Flowers large, full and elegantly formed; color reddish-scarlet, center deeper, buds longer and pointed; very free and continuous; foliage and habit excellent. This looks like the red Rose for the millions. Pot Roses, 15c each; Field Roses, 35e each.

RHEA REID-This is the new red forcing Rose originated by E. G. Hill. Flower large and double; very free blooming and exquisitely fragrant; rich, dark, velvety red. A grand Rose. Fine Pot Roses, 15e each; Field Roses, 35 each.

WM. KILLARNEX - The same in shape and form as Pink Killarney, only a pure white; buds long and pointed; petals very large, making a very large Rose when open; a free bloomer and strong, healthy grower. Pot Roses, 15e; Field Roses, 35e each.
*KILLARNEI-The color is an exquisite shade of deep shell pink. It is free in growth, strong and heavy shoots which are crowned with buds. Field Roses, 35e; Pot Roses, 15e.


## WHITE AMERICAN BEAUTY

WMr. R. SMITH, or MAIDEN BLUSH—Have you ever seen the blush of a beautiful maiden? If so, you will readily understand why this Rose has been so named. The soft blending of the salmon-pinks and the rose-pinks and the beautiful flesh tints in this Rose give a singular resemblance to the entrancing flush on a maiden's cheek. Grown by Shellum, the noted Philadelphia florist, a grand garden Rose. Pot Plants, 15e each; Field Roses, 35c.
*HELEN GOULD-This is a true Cochet Rose and after two years' trial in the garden we pronounce it as good or better than any Rose sent out. The color is a delicate yellow, suffused with pink, each petal edged deeper; very chaste and beautiful. The color, with its immense size and exquisite form, makes it without question the grandest Tea Rose ever íntroduced. Pot Plants, 15e each; Field Roses, 35c.
*JOSEPH HILL-This fine new Rose produces a longpointed bud of the color of Austrian copper, flushed bright red and rose. This is ranked as the best of the parti-colored Roses and will unquestionably have a future. Field Roses, 35e; Pot Roses, 15 c .
*GENERAL McARTHUR-A new Rose that is already a fixture in many gardens. Color brilliant scarlet, a very bright-colored Rose of good size and double; very free blooming and fragrant. Many claim for this that it will rank with Helen Gould as a red Rose. It has certainly shown up well with us the past two seasons. We advise trying this Rose. Field Grown Roses, 35c each; Pot Roses, 15e each.
*LA DETROIT-The new Detroit Rose, which has been so largely advertised and exhibited. Shell-pink. shading to soft rose, reverse of petals cream-colored, fragrance

## ROSES-Continued

like that of old Bon Silence. In form it is large, cupshaped; petals shell-like; rich glossy foliage; a rampant vigorous grower, making fine plants and is unexcelled for cutting. Field Roses, 35e each; Pot Plants, 15c each
*LADY BATTERSEA (The Red Kaiserin) - In the English gardens this Rose is very popular, its novelty and charm lying in its unusual coloring, and, its long and charm lying in its unusual coloring, and, its long and graceful buds. Called by many the Red, Kaiserin. The buds are full and pointed and of a beautiful cherry-
crimson, permeated with an orange shade. We recommend this as one oft he easiest and best. Field Roses, 3̄e eath; Pot Roses, 15e each.
*MADAM LEON PAIN-Robust growth, smooth wood, handsome plum-colored foliage, flowers large, full and free in opening; silvery-salmon, center orange-yellow, reverse bright red and yellow. In our gardens the past summer it has at all times been a grand sight, bearing a great profusion of exceedingly large, brilliant Roses. Field Roses, 35̄c: Pot Roses, 15.c.
*AMERICAN BEAUTY-This first of all on the list is without doubt the American Beauty, the largest and best, the healthiest grower, the finest flower and, the most fragrant of Roses. We have alone thousands of this one kind, as there is such a demand for them that we one kind, as there is such a demand for them that we
always sold out before the season was over. Our stock always sold out before the season was over. Our stock plants in pots, 15e cach.


## AMERICAN BEAUTY

*PERLE VON GODESBURG (The Yellow Kaiserin) This is identical with Kaiserin Augusta Victoria, the peer of any Rose except in color, being a pure white with a yellow center. Exquisitely beautiful. Field Roses, 35c each; Pot Roses. 15 c cach.
*MRS. BENJAMIN R. CANT-A splendid new garden Rose of round, full form and solid color; clear, bright, rosy-pink, large size, double and full, and quite fragrant. The most vigorous grower of all Tea Roses. It is an excellent garden Rose-has come to stay. Field Roses, 35e each: Pot Roses, lye each.
*THE NEW PINK BABY RAMBLER-A grand new Pink Baby Rambler, producing enormous quantities of pure pink flowers. Field Roses, 35c cach; Pot Roses, $15 c$ each.
*BABY RAMBLER - The grandest Rose to date; for blooming qualities it has no equal; color, red; flowers borne in clusters of ten to twenty-five; always in bloom; of dwarf growth. Field Roses, 35e; Pot Roses, 15e cach.
*RICHMOND-This is unquestionably the best of the dark Roses; colnr a rich, glowing scarlet of the Liberty type, but has a larger stem and a more profuse bloomer the buds are long and pointed; very handsome and a better red than Meteor. Field Roses, 3⿹\zh26灬 each; Pot Roses, 15e.


## KAISERIN AUGUSTA VICTORIA.

* ETOILE DE FRANCE-It is a strong, vigorous grower with good dark foliage and its large flowers which are full and double and of beautiful form both in the buds as well as full bloom; flowera are borne on strong upright shoots in the greatest piciusion. In coolr it is distinct from all Roses of its class, being of a rich, velvety crimson, with vivid cerise red center. Field Roses, 35c; Pet Roses, 15e each.


## STANDARD ROSES

All Roses under this heading are for extra select plants, 2 and 3 tears old, soc each; $\$ 5.00$ per doz.; Strong, No. 1, 2-vear-old Field Roses, 25c each; \$2.50 per doz.; Fine Pot Roses, 10c each; 6 for 50c; 75 e per doz.; 16 for $\$ 1.00$, vour sclection, by express. If by mail, $10 c$ extra. Our selection, 18 for $\$ 1.00$, by express. If by mail, add 10 c extra.
*WHITE MALMAISON-Same as Souvenir de la Malmaison, only it being pure white.
*ISABELLA SPRUNT-Almost identical as Safrano, but color is a little lighter.
*CAROLINE TESTOUT-Same formation as has Bob Garrett, only higher in color and stems longer.
*WHITE BOGERE-Large, pure white flower, with thick, shell-shaped petals; fine both in bud and fully open flower. Plant a strong, healthy grower, equally valuable for pot or garden culture.
*MARIE VAN HOUTTE-Succeeds anywhere and in any soil; an exceedingly strong, vigorous grower. Its color is creamy white, with the outer petals outlined bright rose; occasionally the entire flower is suffused with light pink
MAD. DE WATTEVLLLE-Delightfully fragrant. with extra large flowers of fine shape; color white, shaded salmon, deepening to bright rose at edge of petals.
*GRUSS AN TEPLITZ (Mybrid Tea)-As a bedding Rose this is one of the finest and most useful varieties ever sent out. Many of our customers who bought it last spring are realizing its value and singing its praises. Brightest scarlet, hading to deep, rich, velvety crimson. It is very fragrant. The freest grower.
*CLOTLLDE SOUPERT-The color is a French white deepening to a rosy blush in the center. Compact, vigorous habit and wonderful profusion of bloom.
*HERMOSA-Generally known as "Pink Daily Rose," because it is never out of bloom. Taken all in all, it can be considered the most valuable bedding Rose.
*RAISERIN AUGUSTA VICTORIA-A Hybrid Tea Rose, soft, pearly white, lightly tinted with lemon in the center, remarkably fragrant; a strong, healthy grower, with beautiful foliage. The flowers are borne on long stems. This is the best white Rose for outdoor planting, as it gives more flowers than any we ever knew.
*PINK LA FRANCE-The flowers are very large, double, delightfully fragrant, light silvery pink, blooms continuously throughout the season and stands first among the Roses for our climate.
*WHITE LI FRANCE-Pearly white, shading to rose; like La France in other characteristics.
*RED LA FRANCE (Duchesse of Albany)-Retains all the characteristics of the type, with the blooms three to four shades darker, of a deep carmine pink hue.
*MRS. DE GRAW-Rich, glossy pink; fine.
*MAD. FRANCISCA IERUGER-Coppery yellow, shr.ded with peach; flowers large, full and well formed.
*METEOR-Meteor is a remarkably rich, dark velvety crimson Rose; so dark, indeed that under certain conditions it is blackish crimson. It is a constant and profise bloomer, very vigorous and healthy in growth.
*MRS. ROBERT GARRETT-It is a difficult matter to describe the coloring of a Rose; much of the coloring is due to its form and its semi-transparency, and is generated, as it were, within the Rose itself. A shallow Rose cannot have the beautiful color effect seen in a Rose like Mrs. Robert Garrett, which is of remarkable depth, even in the fully opened flower.
*MADAM ABEL CHATENAY (Hybrid Tea)-Good grower, fine in bud and fower; large and full. Petals recurved and of a beautiful creamy rose, tinged with salmon. A wonderfully bright and pretty Rose. Splendid for forcing.
*MARIE GUILLOT-White, tinted with pale yellow, large, full and of fine shape; a beautiful Rose.
*WHITE MAMAN COCHET-A pure white, hardy, everblooming Rose and one of the most valuable in the entire list. For size, hardiness, vigor, profusion of blooms, it is unsurpassed. A superb summer Rose for cut flowers.
*PINK MAMAN COCHET-The growth is free and vigorous, very free blooming; flowers of splendid substance are a delightful shade of deep pink. The buds, stance are a delightful shade of deep pink. The buds,
long and pointed, full and firm, lasting a long time when cut.
*YELLOW COCHET, or MADAM DEREPAS MATRAT (Tea)-A pure Tea Rose, very free growing and hardy in character. It throws up fine, strong stems, crowned by solitary buds of grand size; the color is good sulphur yellow on first opening, changing to a delightful rosecolor as the flower gets age, when it takes on this rose shade. It cannot be distinguished from White Maman Cochet. Will probably rank with the Cochets. Blooms very large, perfectly double, splendid form and freely produced. It has every quality necessary to make the ideal vellow bedder, ranking with the White and Pink Cochets in value as a summer Rose. 15c; Field Grown, 30c.
*PERLE DES JARDINS-No Rose of its color is more valuable than this. Its color is a rich shade of yellow, large size and perfect form. Tea fragrance, a healthy, free grower.
*PAPA GONTIER-Brilliant carmine changing to pale rose; reverse of petals furnish purplish red; large, very popular on account of the size and beautiful form of its buds.
*SOUVENIR DE LA MALMAISON-One of the choicest Roses we offer and one that will give entire satisfaction for garden or pot culture. The color is a creamy flesh, bright and clear.
*QUEEN SCARLET-Dazzling crimson; beautiful buds.
*PRINCESS SAGAN-(Tea.) A strong growing Rose, with small, closely set, dark foliage and medium-sized flowers of the brighest scarlet and velvety texture.
*SAFRANO-Bright apricot, changing to fawn; constant bloomer.
*SOUVENIR DE PRESIDENT CARNOT-One of the latest French additions, a Tea Rose of strong growth; leaves unusually large and handsome; flowers very large, double and exquisitely shaped; color, rosy blush, darker at centers; deliciously fragrant; very free bloomer; quite hardy


SOUVENIR DE PIERRE NOTTING (Tea)-The bloom is very large, perfectly full, of elegant form-has beautiful long bud; the colors are very bright, distinct and clear, and have no unpleasant tones-light peach color, shaded a creamy white, bordered in carmine rose. Promises to prove very popular. Has received not less than six gold medals and prizes. This is a fine new Rose. 15c.
*VISCOUNTESS FOLKSTONE-This is without doubt the largest light pink Rose grown, a strong and vigorous grower, flowers very large and double, often called Giant La France, or Cabbage Rose.


## WHITE COCHET

NEVV ROSE, BESSIE BROWN-This new Rose is of the Hybrid Tea class and will stand frost if slightly protected. Blooms are of enormous size, of heavy substance and are perfect in shape, lasting splendidly when cut. The color is a delicate light pink. A fine strong, free grower, producing long stems, well clothed in foliage quite up to the flower.
BEAUTY OF THE STAPLEFORD-(Hybrid Tea.)Rosy crimson, shaded to pink.
SOUVENIR DE WOOTEN-(Hybrid Tea.) Forcing. Color, velvety red, equal to Jacqueminot. It is a double Rose, and is good in bud, half-open, or fully expanded. Full, open flowers frequently six inches in diameter. A most excellent Rose.

THE BRIDE-"The Bride" is a pure white Rose of large size and most perfect form. It has delicious Tea fragrance, a strong growing, free blooming Rose.
BRIDESMAID-Another Rose of American origin, a "sport" from C. Mermet, and possessing all the good qualities of the parent variety. It surpasses it in color, being a deep brilliant pink and constant bloomer under all conditions.

CLARA WATSON-This is one of the most beautiful winter blooming Roses, of the largest size, very fragrant and fine form. The predominating color is salmon-pink, blended with blush pink on the outer edges of the petals, with just enough yellow at the base to bring out the whole, making it very strong and very free flowering and must become a general favorite. It is also a grand summer bedding Rose; good strong grower, fine substance and free bloomer.
*ETOILE DE LYON-One of the best and most beautiful yellow Tea Roses for general planting; may be had in bloom the entire year by proper treatment. The flowers are of good size, deep, full, very sweet-scented, rich, golden yellow.
*GOLDEN GATE-The buds are long and pointed, opening out into well-shaped flowers of creamy white. Deliciously tinged with golden yellow and rose; blooms continuously.

## ROSES—Continued

CATHERINE MERMET-One of the finest varieties in cultivation, with buds of the largest size and handsomest form; petals gracefully recurved, so as to show a lovely bright pink center, which gradually shades towards the outer edges to a very light pink; plant of strong growth and free blooming habit; very fragrant.
HELEN GOULD-OUR BAULDING-(Hybrid Tea)This is probably the most beautiful and satisfactory Rose for general planting ever introduced in America. It has proved itself to be the strongest-growing, fresh-blooming, largest-flowering and hardiest Rose in existence. It is a better Rose for general planting than American it is a better Rose for general planting than American years past. The flowers are full and perfectly double. The buds are beautifully made, long and pointed. The color is a warm, rosy crimson, like the color of a ripe red watermelon. It is as hardy as La France and one of the best, if not the very best, Roses for winter blooming.


A handsome Colonial style home with open lawn, the side view of assorted Spirea. small leaf evergreens and handsome cement vases filled with plants.

## HYBRID PERPETUAL

## ALL UNDER THIS HEAD 35e EACH.

CHAS. WOOD-The largest of red Roses, long stem, flowers of a brilliant red, very fragrant. Large plants, 3 years old, 35e each; small, 15e each.

DINSMORE-Vigorous grower, free bloomer, flowers deep red, very fragrant, long stem to each flower. Large Plants, 3 vears old, 35c; small, 15c each.
*PAUL NEYRON-The largest flowering Rose in cultivation and one of the freest blooming; color, deep, clear rose; very fresh and attractive; an exceptionally good grower, making straight shoots 4 to 5 feet high in one season, each shoot tipped with an immense flower, often 5 inches in diameter. Field Grown, 35e; Pot Roses, 15e.

GENERAL JACQUEMINOT-Rich, velvety crimson; magnificent in bud state or open. Field Grown, 35e; Pot Roses, $15 c$.

MRS. JOHN LAING-Delicate pink, large, fine form; very fragrant; flowers continuously in the open ground. 2 years, 35c; Pot Roses, 15c.

## CLIMBING ROSES

ALL FIELD-GROWN CLIMBING ROSES, 35e EACH; POT ROSES, 15c.

CLIMBING PAUL NEYRON-Same as the bush; flowers deep pink, very large and double.

CRIMSON RAMBLER-Perfectly hardy in the open ground. A very rapid grower and a profuse bloomer, with beautiful thick foliage.

MARECHAL NEIL-The immense size, dark, goldenyellow color of Marechal Neil is familiar to all. Peerless in color, unexcelled for size, perfect in form, after more than a quarter of a century it still remains the ideal climbing Tea Rose. 15e, 35c and 50c.

CLIMHING MALMAISON-A sport from the wellknown Souvenir de la Malmaison. Similar in flower and foliage to its parent, but of exceedingly robust climbing habit.

CLIMBING IEAISERIN AUGUSTA VICTORIA-The frst white, hardy, ever-blooming climber. The flowers are extra large, deep, double, of excellent substance and are produced on long, stiff stems, like a forcing rose. The buds are long and pointed; the fragrance is delicious. Blooms continuously the first year. This variety is the same as Mrs. Robert Perry.

REINE MARIE HENRIETTA-Cherry red, a beautiful lively shade. Buds long and pointed.

EMPRESS OF CHINA-A true perpetual bloomer, producing a profusion of flowers, even the first season Flowers of grood size, semi-double, of a beautiful bright pink. Grows very fast.
*CLIMBING WOOTEN-A fine, large double flower of bright cherry crimson. A beautiful free-blooming Rose that is completely covered with blooms the entire season.
*CLIMBING METEOR-The finest crimson ever-blooming climbing Rose. It is a rich, velvety crimson, much like the forcing Rose, of which it is a sport.
*CLIMBING CLOTHILDE SOUPERT-A rapid growing, climbing sport from C. Saupert, identical in foliage, form of flowering and color. A splendid ever-bloomer.
*CLIMBING MARIE GUILLOT-A climbing form of the standard-tinted white Tea Rose-"Marie Guillot." Its climbing habit is strong and natural and must prove to be an appreciated addition to this class

CLIMBING DEVONIENSIS-A very large Rose when open; blooms freely and makes a good vine. Pot plants only, 15c each.

CLIMBING PERLE DES JARDINS-Outside of Marechal Neil the finest yellow climbing Rose in existence. Flower large, double and very fragrant; a fine foliage of a reddish color. Pot Plants only, 25e each.

THE BLUE RAMBLER ROSE-The most wonderful Rose of the century for the reason that it marks a decided advance in the color of the Rose hitherto only dreamed of. Veilchenblaum or Violet Blue is the proper name, but no doubt it will be known in America as the Blue Rambler. This Rose is going to have a larger sale by far than Crimson Rambler. Have we seen it flower? Well, I guess yes, and our word for it if you want something to cause you to stop and take notice the Blue Rose will fill the bill. At a distance of fifty or a hundred feet a bush of the Blue Roses in full or a hundred feet a bush of the Bill startle you. When such firms as Ellwagner bloom will startle you. When such firms as Ellwagner Ireland, gave this Rose unstinted praise, it's about time for the plodding nurseryman to stop, look and listen and not turn up his nose when the Blue Rose is mentioned and work off a sickly smile. A seedling from Crimson Rambler, semi-double flowers larger than that variety produced in large trusses. This Rose flrst opens pink but quickly changes to violet-blue; some describe it as a steel-blue. Very distinct and extremely pleasing. A wonder. Going to sell? Yes, everybody will want and will demand the Blue Rose. Pot Roses 25e.

DOROTHY PERKINS-A beautiful shell-pink; foliage finer, smoother and darker than any Climbing Rose we grow. When in bloom it is the admiration of everybody. In greatest demand now.

TAUSENDCHON, OR THOUSAND BEAUTY-A climbing Rose that comes to us from Germany. The flowers upon first opening are the most delicate shade of pink ever seen in a Rose, might be described as a white delicately flushed pink changing to rosy-carmine. It gets its name from its many flowers and the variation in coloring; beautiful; will become as famous as Crlmson Rambler or Dorothy Perkins. We wrote the above a year ago, and now we can add that this Rose is sweeping the country like a prairie fire. You can word paint ing the country like a prairie fire. You can word paint all you want to and then
unsaid. Simply a wonder.

IPOT ROSES, 20e EACH; FIELD ROSES, 50c EACH.

## Live Plants and How to Order

In the following pages we offer a general assortment of the best varieties of plants that we find successful in the South. We have several acres devoted to growing Roses and other plants, and eighteen large greenhouses, besides frames covering an immense space of ground, in which we grow the largest stock of plants of all kinds to be found in the South. Thus we claim to be in a better position to supply such needs of our patrons than any other firm in the South, and at prices that will compare favorably with those of any house in America.

EXPRESS ORDERS-All who live in towns or near an express office, and who are willing to pay their own express charges on plants, will invariably receive larger plants, packed a little heavier than those sent by mail. We feel'sure that all those who order in this way will
not begrudge the outlay when they examine the plants so sent. We advise everybody to have plants sent by express. Extra added to help pay charges. See discount following.
DISCOUNTS ON PLANTS AND SEED ORDERS SENT BY EXPRESS AT BUYER'S EXPENSE.
For $\$ 2$ select extra plants to the value of........... $\$ .50$
For $\$ 3$ select extra plants to the value of............... . 80
For $\$ 4$ select extra plants to the value of.............. 1.10
For $\$ 5$ select extra plants to the value of................ 1.50
For $\$ 6$ select extra plants to the value of............... 2.00
For $\$ 6$ select extra plants to the value of................ 3.00

And for each dollar sent above $\$ 10$ you may select extra plants to the value of 40 cents.


#### Abstract

ABUTILON GOLDEN BELLS-Bright, golden-yellow flowers. Of strong, vigorous habit and very free-flowering. The finest yellow variety on the market. 10c each. SOUV. DE BONN-Grand green and silver variety. Fine for decoration, for edging canna beds and for veranda boxes. Extra large, long-stemmed orange flowers. 10c each. ECLIFSE-Always in great demand for baskets and vases. One of the finest variegated foliage plants, beautifully marked dark green and yellow. Flowers bright yellow, with crimson throat. Has quite a distinct training habit. 10 c .

\section*{ACALYPHIA SANDERIA}

One of the most striking flowering ornamental plants we have ever seen. It is of strong, free growth, with large dark green leaves, from each axil of which thick, rope-like spikes of velvety crimson flowers are gracefully suspended. Price 15c. Finest yard plant grown. Ready Jan. 1 to April 15.

TRIUMPHANS - Very bright, ovate-pointed leaves, light red, shaded and marbled darker. A fine ornamental plant for bedding or pot culture, as showy as Coleus;


 its colors are bright and distinct. 10c; \$1.00 per doz.
## ASPARAGUS PLUMOSUS NANUS

PLUMOSUS NANUS-(See cut.) A beautiful climbing plant, with bright green, gracefully arched foliage, surpassing Maidenhair Ferns in grace, delicacy of texture and richness of color. The fronds are 12 to 15 inches long and taper to a point from a width of 12 inches. One of the most beautiful decorative plants. Nice plants 15e acd 25c; larger size, 50 c and $\$ \mathbf{\$ 1 . 0 0}$.


SPRENGERI- (See Fig. 12, page 24.) Especially useful to grow as a pot plant for decorative purposes, for planting in ferneries or suspended in baskets. It grows freely the whole year and makes an excelleist house plant. A vigorous grower, producing sprays 4 to 5 feet long of fresh green feathery foliage. Useful for bouquets, wreaths, or sprays, remaining perfect for weeks after cutting. Strong plants 15e to 25e each; large, 50c to $\$ 1.50$ each.


This beautiful plant resembles the pine somewhat, though much finer in texture. It is particularly adapted to table decoration and most unique in appearance, the branches being arranged in neat symmetrical whorls.
branches being arranged in neat symmetrical whorls. express, \$1 each. Express only.

Plants 18 to 20 inches high, with 3 to 4 whorls, by express, $\$ 2$ each. Express only.

## ALTERNANTHERA

Beautiful dwarf plants of a compact habit, growing about six inches high, and admirably adapted for edging fower beds. A plant for the hot summer places.

AUREA NANA-Gright golden yellow. holding its color well the entire season. 40 c per doz.; $\$ 3$ per 100 .
AMOENA SPECTABILIS-Crimson pink and brown; the finest and brightest. 40c per doz.; $\$ 3$ per 100. Plant outdoors after April 15.

## ALYSSUM SWEET

DOUBLE WHITE - Very pretty and dainty; fine for window and porch boxes, hanging baskets and flower beds. 4e each; 40c per doz.

## ARTILLERY PLANT

A pretty little plant of drooping habit. resembling the Fern; it is a fine basket plant. 3c each.

## AZALEA

Beautiful plant for window or conservatory. The ease with which they can be grown and their diversity of coloring will always keep them in public favor. We can supply plants at $\$ 1.00$, $\$ 150$ and $\$ 2.50$ each. Ready Dec. 1 to April 1. By express only.

## BANANA PLANT

Nice strong roots of this beautiful plant will make a growth of 6 to 10 feet first year. 50c each; large plants, $\$ 1.00$ each. Express only.

## BEGONIAS

10 c each, $\$ 1.00$ per doz., except where othervise noted; large plants, 25e and onc each. Ready January 1st to July 1st. If wanted by mail add 3e each or 25e per doz.

ALBA PICTA-(See cut.) Very ornamental; has long, ear-shaped, medium-sized leaves of darkest green, with silvery spots.

ALBA PERFECTA GRANDIFLORA - This variety closely resembles the well-known Begonia Rubra in follage and growth, with beautiful pure white blossoms.
ARGENTA GUTTATA-Has the silvery-lear blotches of Alba Picta with the form and beauty of Rubra; pur-ple-bronze leaves, oblong with silvery markings; flowers white on the tips of the stems.
ERFORDIA-Has all the good qualities of the famous bedders, Vernon and Dewdrop. It will stand the strong sun in summer, and is one mass of blooms from June until frost. It is also a very showy pot-plant, color deep, rosy pink.

FEASTM-(Beefsteak Begonia.) A low-spreading Begonia, with perfectly circular leaves, red beneath and dark, glossy, olive green above, pink set up on long stems; very easy to grow; the best Begonia we grow 15c; larger plants, $25 c$ and $50 c$.


PRESIDENT CARNOT-A remarkably strong-growing variety of stiff, upright habit, somewhat in style of Begonia Rubra, but much larger in flower and leaf. Flowers beautiful coral red in large pendant panicles. 15c.

RUBRA-Dark, glossy green leaves, free-flowering; flowers rich, coral red in large pendant panicles. One of the best.

VERNON-Of unusual merit as a bedding sort, flowering as freely when planted out as when grown in a pot. It begins flowering when first planted and continues until stopped by frost. Foliage rich, glossy green, often shaded with deep bronze. The flowers on first opening are deep red, changing to a beautiful clear rose when fully open. Thrives everywhere.

BEGONIA GRACILIS LUMINOSA-Foliage resembles a little that grand old variety. Vernon, rich glossy green, often shaded deep bronze. The flowers, when first opening, are a bright cherrv, changing to a clear coral-red. Price $15 c$.


REX-(Painted Leaf Begonia.) These are grown for their handsome variegated foliage. For house culture baskets, vases, etc., there is nothing more beautiful. We have a fine assortment. 25e each.

## BOUGAINVILLEA



Bougainvillæa glabra Sanderiana.
SANDERIANA-Most desirable plants for conservatory or window-garden. They are of strong, rapid growth and produce their lovely, brilliant, rosy crimson flowers from early in March until mid-summer. With extra care and attention they will bloom the greater part of the year. 25e each

## CANNAS

The most desirable bedding plant for the American garden. Give rich soil and abundance of water when the plants are in full bloom.' Strong plants, 10c each, $\$ 1.00$ per doz. Fine roots ready Dec. 1 to May 1. If wanted by mail, add 15c per doz.

ALPHONSE BOUVIER-Bright crimson, flower-spikes, two or three to a stalk; very large and full, all blooming together.
FLORENCE VAUGHAN-The finest yellow-spotted Canna. Flowers very large, brilliant yellow, spotted with bright red; a strong grower and free-bloomer.


CANNA ITALIA
ITALIA- (Orchid Flowered.) Bright, orange-scarlet, with a very broad golden yellow border. The flowers, which are produced on massive stems about 16 inches long, are set well above large, heavy follage.

## CANNAS-Condinued

AUSTIRIA- (Orchid Flowered.) A counterpart of Italia, except in the color of its flowers, which are of a pure canary, with but a few traces of smail, reddish-brown spots in the center of the two inside petals.
QUEGEN CHARLOTVIE-RIch crimson-scarlet, with wide golden border on every petal. It blooms profusely, and the fiower-spike, which is very large and qull, stands well above the leaves.

MADAM CBOZI-Immense flower heads of the deepest vermillion, gold-bordered, petals very wide and are broadiy rounded.

I'AUL, MABQUAN'I-Extra large flowers of deep salmon color, shaded orange; vigorous, free-blooming.

CIIICAGO-The best of all the red varieties. Follage green; 9 to 10 inches wide; flower-truss and stalks stand boldly erect. The large flowers open out nearly flat, petals $11 / 2$ inches wide and 5 in number. Color, a clear, deep vermillion, without markings, under a purplish gloss. 5 feet
MIII. HELAT - The best bedder. Flowers a very soft shade of rosy carmine; petals long, graceful. A bed of this varicty is simpiy superb, making good show of flower-trusses all the time; solid mass of pink. Leaves green. 5, feet.

IPIESIDENT MeVINLIAY - Medium-sized flowers of good substance; color, a fiery, deep crimson. Blooms profusely, throwing a strong flower spike. Leaves green. 5 feet.

IPICSIDINT CRINVEIAND - This varlety attracted widespread attention last season, and is conceded to be one of the finest introductions of late years. Color, bright orange-searlet; very showy, one of the best blooming sorts on our prounds this year.

CHARIIES HENDEISSON-A splendis dwarp compact grower, sending up ereet, compact heads of immense fiowers. Dwarf crimson, marked in center with gold pencilings.

KING IIUMBLIRT (The KIng of Crimmon Cannas) - The finest and most beautiful Crimson Canna yet introduced; far superior to all others. This splendid Canna, one of the very best, has been thoroughly tested in different parts of the country and is pronounced by leading experts, as well as amateurs, the finest and most beautiful Crimson Canna yet produced. The follage is bronze, with brownish green stripes, large, thick and leathery; in fact the finest foliage of all Cannas. Exceedingly free flowering. Irice, 10e each.


## CARNATIONS

WHITE PICIFECTION CARNATIONS

We make a specialty of Carnations and grow them in large quantities. We find the demand for them is increasing more and more every year. They are very hardy in the South, requiring only slight protection durIng very severe weather. Plant very early in the spring, so that they will get well established before hot weathr. Plnch the top shoots several times during the summer to encourage a bushy growth. If wanted for winter blooming, pot in October.

Carmallons, 10e eath, \$1.00 per dozen, unlens otherwlue noted. Ikady to Nell Feb. 1. If by mall add 10 e per doz. IPEIEICCIION-The largest and finest white we have seen or grown to date; stem long and heavy. 10c.

WHITE IAWSON-Very fine, stiff stems and larse flower, same as Mrs. Thomas Lawson, only in color different. 10c.

IROSE IPINK LUNCHANTIRES-New, same as the famous Enchantress, only a darker shade of pink; very pretty. 16e.

## CARNATIONS

VICTORY-New. The finest red we have grown since we have been in business. Blooms more, flowers larger, and no stalking and bursting of flowers. 10c.

MRS. IPA'ION-A very high-grade, commercial variegated. Color white, daintily marked with Lawson pink; bloom early and freely. One of the best in its class. 10 c .

HAILIOWADEN-The bright crimson of the future, and largest of its colors, every flower being $31 / 2$ inches in diameter. Fxtremely long stems, 4 feet in lencth and stiff enough to carry the bloom perfectly erect. In habit it is perfection, growing 4 feet high and stralght as a bunch of wire rose stakes. 10 c .

CARIDNAI-We feel sure that this varicty wlll prove a first-rate commercial red; it is free in bloom, has a good calyx, and a nice, regular form; one of its finest qualities is the quickness with which it opens its buds, and this quality is doubly appreciated in mid-winter, when nearly all the reds are so slow in expanding. 10c.

## CARNATIONS-Continued

ENCHANTRESS-The Queen of Carnations. A light pink Lawson. It is larger in size and longer stemmed. A beautiful shade of light pink, deepening toward the center: far superior to Daybreak at its very best. Immense, attractive flowers, of fine form and exceptional keeping qualities. Both out of doors and in the house, the growth is ideal; very healthy, vigorous constitution. A free, early and continuous bloomer. 10c.
IPROSPEIEITY-One of the largest Carnations in cultivation, very striking in color and form; pure white, mottled with soft pink, forming a combination seldom equaled in plant life. 10c.

## CALLA LILIES

Fine plants from California, such as will give a profusion of bloom all the season. Plants 35e to $\$ 1.00$. Dry bulbs 15c and 25e each. Plant Callas from Sept. 1 to Feb. 10; after that we have no dry bulbs for sale, only plants.

## COLEUS

We have a splendid collection of this justly popular foliage plant, and can supply any color desired. We have not space here to name and describe them, but we have about twenty sorts to choose from, and all good ones, just the shades of color you desire, and we can please you in selection. We have all shades of red, yellow, purple, green and speckled, spotted and mottled, and we can supply any color or mixture of colors. Price for nice plants, se each; soc per doz. Plant outdoors for mice phamis, Re each; sill. 1.

## CALADIUMS

ESCULENTUM-A tropical plant with luxuriant green foliage. The leaves are often more than two feet across and are bright and ornamental, the entíre season. Will grow in an ordinary garden soil, but should have plenty of water in order to give the best results. Very easy to cultívate; the bulbs may be taken up in fall and kept through the winter in diy sand in the cellar. Extra large bulbs, 35c cach; $\$ 3.50$ per dozen; 1st slze, 20c each, $\$ 2.00$ per doz.; 2nd size, 10c each, $\$ 1.00$ per doz. Ready to sell Dec. 1 to May 1.


ASSORTED FANCY IAAVED CAIADIUMS
FANCY LEAVED-These delight in a place sandy and moist. They should be started into growth about March, dried off in October and kept in a warm and dry place untll spring again. They are excellent for window boxes, vases or single pot plants, and succeed equally well in a somewhat shady situation outdoors. 25e each; : for 81.00. Ready Feb. 15. Dry bulbs.

## CIGAR PLANT

LADIES' CIGAR PLANT-This is a well-known everblooming plant of neat habit, growing about 12 inches in helght. The tube of the flower is scarlet, with the end partly white and crimson; very useful as ribbon line or front border plant. se each; soc per doz.

## FEVERFEW

Fever-few is a low-growing golden yellow, feathery plant, suited for borders on flower beds. 5c each; 50e per dozen. Ready to sell Jan. 1 to April 15.

EVERMIOOMING-This plant is very hardy, stands
heavy irosts, foliage beautiful light green, flowers in clusters of pure white. 10c each; 75e per dozen.

## CROTONS



BEAUTIFUL, CROTONS
CROTONS-A very handsome foliage plant, stands the sun better than any plant we know; is more ornamental than palm or fern, as it is always bright and pretty; either in pot or yard. Try one. Small plants, 15e each; larger, 25c, 35c and 50c each.

## CYCLAMEN



SPLENDID CYCIAMEN FOIR WINTER HLOOMING
Flowers of extraordinary size, and of great substance. The leaves are proportionately large and beautifully marked. These are among the most beautiful winter and spring flowering plants for the window and greenhouse.

Not only are the fowers of striking beauty, but the foliage is highly ornamental. The colors range through shades of pink, crimson, white, spotted. etc. Most of them are, moreover, delicately fragrant. Flue larke plantm, 50c and foc cach. Ready to sell Dec. 1 to April 1 only.


MRS. H. WEEKS-This is one of our $\boldsymbol{H}$ houses planted to this the Queen of Antumn Flowers. The cut shows flowers just opening. The best white we are growing. Try at least a few. 10 each.

## Chrysanthemums

To grow large Chrysanthemums, plant early and pinch out tops several times to make them branch out. To grow the largest flowers plant late and allow but 1, 2 or 3 in the highest, 3 stems to a plant, and break off all side shoots and buds. Plant in good, loose, rich soil, in a sunny place and give plenty of water.

Chrysanthemums have been improved so much in the last fem years that we mould adrise all lovers of choice flowers to discard some of the older and commoner varieties and try some of the nemer ones. Our varieties are from the best strains and make the choicest specimens. For the large flowers, pick off most of the small buds when about the size of a pin in the summer. Plant in loose, rich soil and water well. 10e each; \$1.00 per doz. Ready to sell February 1 to June 1. If wanted by mail add 15 c per doz.

## White

CLEMENTINE TOUSET-(Early Chadwick.) Very large, loosely incurved bloom, flowering in early Cctober, and in growth. color and general habits resembling the popular W. H. Chadwick. It is a splendid shipper and keeper and a valuable addition to the early varieties; tinted pearl. Double from either bud. 10c.
MRS. MeARTHUR-Beautiful white flowers not very large, but full; tall grower, petals a little incurved. 10 e.

WHITE BONNAFFON-In form, identical with Bonaffon, and general habits. Color, pure ivory white. A valuable Thanksgiving variety. 10 c .

ALICE BYRON-Pure white, incurving commercial variety of much popularity. 10e.

OCTOBER FROST-A beautiful early white; the one to plant for outdoors. 15 c .


MRS. CHADWICK

CHRYSANTHEMUMS -Continued


## SILVER WEDDING

MRS. H. WEEKS-(See cut.) Early mid-season; globular blooms, with broad incurving petals. A grand flower with fine stem and foliage. Earily grown. 10c.

TMMOTHY EATON-The grandest sort sent out for years. Took everything in sight in the shows the past season. Color creamy white; immense sized flowers; incurved. Flowers last a long time. Nice plants; tall growers. $10 c$
WM. H. CHADWICK-An immense, loosely incurving Japanese. The largest mid-season white, both commercially and for exhibition purposes. Extensively grown and a tall grower. 10c.

MRS. POEHLMAN-Another fine white variety, very good size and early fine foliage. 15c.

MRS. JEROME JONES-Grand stem and beautiful foliage; quite dwarf: flowers waxen white, with broad, incurving petals. One of the finest. 10c.

## Pink

HELEN FRICK-Color a beautiful clear pink (like the Mermet Rose), slightly deeper at the center.

MRS. S. T. MURDOCK-One of the finest novelties; rich glistening pink; fine globular bloom, of rather short incurving petals; stem and foliage perfect. 10c.


## MAJOR BONNAFFON

Mrs. PERRIN-The very nearest approach to the true pink so long desired. It has slender, stiff stems, and ornamental foliage. The flower is globular form incurved, full and with a finish as fine as satin. Color, rose, pink within, glistening pink without. 10c.

PACIFIC SUPREME-(Early.) A fine commercial variety; color clear pink: a much better variety than the old Glory of the Pacific. $10 c$.

## Yellow

CHRYSOLORA-This new variety can be briefly described as an early Col. D. Appleton, coming in 15 days earlier; is of larger size, stronger stem, not quite as tall, and in color is intermediate between this variety and Major Bonnaffon. $10 c$.

MAJOR BONNAFFON-Soft, clear yellow, crowded with petals, quite globular; growth extra good; perfect in form and finish. The great blooms are sometimes 6 to 7 inches across and nearly as deep; the color has a peculiar luminous quality.

GOLDEN WEDDING-There is no finer yellow than this variety when well grown: the blooms are enormous, shining golden yellow; grand in habit and foliage.


## TMOTHY EATON

COL. D. APPLETON-The most popular yellow varlety yet introduced
YELLOW EATON-Same as Timothy Eaton, only in color yellow.

## CHRISANTHEMCMS-Continued

MODESTO-Exceprionally meritorious. The finest yellow ret produced. Intense in color, unsurpassed in size, of an incurved, slightly whorled form with Tery high, fuil center.

IELLOW JoNES-Same as Jerome Jones, only beautiful golden rellow.

GOLDEN GLOW-The earliest rellow known to date; blooms as early as September and October. Growth short; fine for vards, as it is over before frost.

THE ABOVE VARIETIES ARE NEARLI ALL PRIZETAKERS, and succeed well in general amateur culture.

## Red

DEFENDER-Dark crimson. Tery bright; does not show underside of petals which are lighter; a good free grower, with stout stem and good foliage. 10c.

BLACK HAWK-Dark crimson-scarlet; large stronggrowing with stiff stem and grand foliage; finest red. 10c.
INTENSITY-The flowers are of massive size, reflexed, with broad, stiff petals; color deep, rich, relvety-crimson, With no shade of brown or chestnut. 10c.

## Plumed

ENFANT DES DECX MONDES-A creamy white, hairy variety, of fine shape and excellent form. 10e.
LOLIS BOEHMER-Identical with the above except that its color is an exquisite shade of silrery pink, With deep rose on the inside petals. 10e.


LOLIS BOEHMER-PLCMED VARIETY

A SMALL CORNER
IN A HOCSE OF FERNS.

Fig. 5: Whitmanii
Fig. 3: Barrowil


# Ferns 

Ferns of all rarie ties to be had the Fear round from 100 Fear round from 10 e
to $\$ 10.00$. The small plants only can ge by mail, but all should go by express; it gives you better and larger plants.

NEPH. WHITMANII-The finest all-cut leaves of the Nephrolepsis variety to date. Plants rare and costly, but they are so rare and dainty that You will not regret having bought at least a small plant. Price $15 c$, 25c and 50 c each.

NEPHROLEPSIS CORDATA COMPACTA - A dwarf compact growing form or Sword Fern. Making sharply pointed plants 2 feet high when fully matured. Its deep green fronds have just enough arch to make them graceful. 15 c .

ADIANTUM CUNEATEM-(Maidenhair Fern.) Tery popular; the most graceful and useful in cut-flower work. 15 c.
BIRD'S NEST FERN-A rare and beautiful plant, being entirely different from all other ferns. Easy of cultivation and should be in every collection of ferns. Price $25 c$.
PTERIS ARGIREA-A very showf, strong-growing Fern, variegated foliage; frinds large. light green, with a broad band of silvery white down the center of each; very distinct. 15 c .

PTERIS TREMCLA-One of the finest Ferns for house decoration, growing very rapidly and throwing up large, kandsome fronds; makes magnificent specimens; easily grown and very popular. $15 c$.

NEPH. SCOTTI-On order of Boston Fern, but fronds are shorter; of beautiful bushy form, a great farorite on account of its short, bushy form. New, 25e, soe and $\$ 1.00$ each.

NEPHROLEPSIS BOSTONIENSIS-(Boston Fern.) The popularity that this plant has gained in the short time since introduction is simply marvelous. It is one of the since introduction is simply marvelous. It is one of the under all conditions, and its inexpensiveness places it Within the reach of everyone. Often called "Fountain Fern' on account of its gracefully drooping habit. Fully matured fronds often attain a length of four feet. 10c each. Large plants by express. 25c. 50c and 75 e each.

NEPH. PEARSONII-(Figure 14, page 33.) One of the finest Nephrolepsis Ferns erer introduced; fronds long like Boston Ferns, but leares are very fine cut on tips and give it a beautiful loose and lace effect. Price $15 \mathrm{c}, 25 \mathrm{c}, 50 \mathrm{c}$ and $\$ 1.00$ each.

PLUMED SCOTTI FERN-(Nephrolepsis Scholzeli.) The ideal plumed Fern. holding the same position to all other plumed varieties that Scotti holds to the old Boston. It is a sport from Scotti, possessing all of the merits of that most popular variety, but with the pinnate subdivided, giring it an airy, feathery appearance. Price, nicely shaped plants, 15 c ; larger sizes, 30 c .


UMBRELLA PLANT-A grass-like plant, throwing up stems to the height of about 2 feet, surmounted at the top by a cluster or a whorl of leaves, diverging horizontally, giving the plant a very curious appearance. A splendid plant for the center of baskets, vases or wardian cases, or as a water plant. 10c, 25c and 50c.

## FICUS ELASTICA



See Figure 15, page 33.
Nothing better for table or house decoration. Its dark green, shiny foliage is always handsome, and its constitution is such that it is able to stand the excessive heat and dryness of the ordinary dwelling house without injury. Nice plants, 25c; large plants, by express, 50c, 75e to $\$ 1.00$.

## FIRE CRACKER PLANT

RUSSELIA JUNCEA-It is a beauty; very valuable for basket and vases. 10c each.

## FUCHSIAS

We have no plants that can equal in grace these denizens of the forests of our Southern hemisphere. Grow in a shady place in summer in soil composed largely of leaf mold or sandy loam. Grow in sunny window in winter and turn frequently to the light. 10c each. Ready to sell Feb. 15 to April 15.

## HANGING BASKET PLANTS

Many people often need a good selection of plants for baskets, and do not know what to order. We have a good selection of the best kinds. Many plants costing 10c each go in the lot at 40c per doz., or 4c each.

## HELIOTROPES



HELIOTROPE, FLORENCE NIGHTINGALE
Heliotropes, all fine sorts, fragrant, blue lavender and white, at 10 c each; $\$ 1.00$ per dozen. Ready to sell Dec. 1 to May 1. If wanted by mail, add 15e per dozen.

HIBISCUS


## MINIATUS SEMI-PLENA OR RUBRA

Stands our hot, dry summers to perfection. 10c each; $\$ 1.00$ per dozen. Large plants, $25 c$ and 50c. If wanted by mafl, add 15c per dozen.

PEACHBLOW-One of the finest plant novelties of recent years. Flowers double, of a rich shade of clear pink, with small, deep crimson center; an entirely now variety.

CARMINATUS PERFECTUS-Full, round flower of perfect shape and of a rich, soft carmine-rose, with a deep crimson eye. A beautiful free-blooming variety.

GRANDIFLORA-Rich, glossy foliage, blooming profusely during the summer, literally covering the plant with scarlet crimson flowers.

RUBRA-Flowers enormous, double, clear red, tinted with violet; an unusually free bloomer. Plant outdoors after frost is over. Ready after Feb. 1 to May 1.


## L'AUBE

## GERANIUMS

Extra large size, 15c each, $\$ 1.50$ per doz.; large size, 10 e each; $\$ 1.00$ per doz.; small size, 5c each; 50c per dozen. SPECIAL: Our selection, 1 st size, 12 for $\$ 1.00$. Ready to sell the year round. If by mail add 15e per dozen. Small plants at 5c will not be labeled.

## Double

MME. JAULIN-Delicate pink with white border, a pretty color combination.

LA FAVORITE-Trusses very large; florets of the most beautiful and perfect form, and of the very purest, snowiest white in color.
S. A. NUTT-Rich, dark crimson; the flowers are produced in great numbers, close, compact habit.

GUILLON-Deep red. This variety out-blooms all others; perfect shape and fine size; the trusses massive and prolific.

SPAULDING'S PET-Rich, dark crimson; blooms borne on long stems well above the plant, the best crimson bedder we know of for our climate.


Jean Viaud.
JEAN VIAUD-Soft, pure pink; semi-double, with two white blotches. Dwarf, stocky grower, rigid stems, large trusses, perfect florets; a continuous bloomer, plant being covered with flowers throughout the season.

KLEBER-Deep violet, of velvety texture. Form of floret very fine. A free grower and very free in bloom. Flowers well above the foliage.

PAUL BRUANT-This class of geranium is distinguished from ordinary ones by the extra large flowers and long, stiff stems, by the thick, heavy foliage and robust constitution of the plant. They grow and bloom continually, even in the driest and hottest weather. Fine red.

THOS. MEHAN-Double. Extremely large trusses and very large florets, almost circular in form. Color, quite distinct in this section-brilliant rosy pink, the base of the upper petals marked orange.

GLORIE DE FRANCE-Individual flowers very large and double; color salmon white, with a dark, distinct salmon red center.

## Single

GRANVILLE-Large, soft, clear pink.
GENERAL GRANT-An old favorite red bedder.
L'AUBE-The finest single white yet introduced.
MME. BRUANT-White veined with carmine.
MRS. E. G. HILL-Beautiful salmon.
QUEEN OF THE WEST-An excellent scarlet bedder.
MARY HALLOCK FOOTE-Immense trusses of bright salmon, with a pure white eye; a grand variety.

MRS. EWING-Pale salmon, changing to pure pink at the center and most perfect ever raised; quite circular in outline.

## IVY-LEAVED GERANIUMS

CAESAR FRANCK-Trusses very large, florets immense and very regular in form, quite full; the color is an exquisite shade of rosy carmine. 15c.
P. CROZY-A grand hybrid between the Zonales and Ivies, having the foliage of the former, but a very heavy texture; in form of truss and florets it resembles the Ivy-leaved section; the color is soft, bright scarlet, with veinings of maroon; the habit is perfect and it is a grand bedder. $10 c$ each.

NEW DOUBLE WHITE IVY GERANIUM, "JOAN OF ARC"-The flowers are perfectly double, white as snow, and literally cover the plant when in full bloom. The foliage is extremely handsome, the dense. glossy green leaves making a most effective background for the great cluster of snow-white flowers. 15c.

LA ROSAICE-Florets $21 / 2$ inches, trusses 6 inches across. Color, a deep, bright pink, approaching scarlet in color, the upper petals feathered maroon; quite double. 10c each.

## PELARGONIUMS

## (Or Lady Washington Geraniums)

These have beautirul flowers, richly blotched, so that they are sometimes called Pansy Geraniums. 15c and 25 c . MRS. LAYAL-Of the easiest growth, and literally covered with flowers all the time. Colorings and markings extraordinary-light pink, white, dark purple, black, etc.

## SCENTED GERANIUMS

APPLE-The most delightful scented of all geranlums. ${ }^{25 c}$ NUTMEG-Small leaves, resembling the apple-scented. $10 c$.

RoSE-Broad, cut, fragrant leaves. 10c.
CUT-LEAVED ROSE-Leaves finely cut. 10c.

E. G. HILL-I,ARGEST SINGLE PINK

## HOLLYHOCKS

Time-honored, stately, majestic, hardy plants, which are a necessary part of every old-fashioned garden, and should also find a place interspersed with shrubbery, as clumps on the lawn or in the mixed border, where their colossal spikes of bloom produce bold and showy effects, which cannot be secured with any other flowering plant. We offer these in the following colors, single and double, white, pink, yellow and red, at $\$ 1.50$ per dozen.

## LANTANAS

Our collection of these grand bedding and basket plants is the most complete ever offered and is sure of appreciation by all planters of this class of stock. $10 \mathrm{c}, \mathbf{\$ 1 . 0 0}$ per dozen. By mail, l5c extra per dozen.

TETHYS-Lovely cream color, shading to cherry. Plant outdoors after danger of frost is over.

LEO DEX-Semi-dwarf, very compact, free blooming; umbel and florets of large size; color orange red with yellow center.

ALBA PERFECTA-Semi-dwarf, free grower and an abundant bloomer; pure white and a gem among white bedders.

## LANTANAS, WEEPING

A grand plant for baskets and vases. May be used to good advantage in connection with other plants, but is more effective when used alone where its bright colored bloom forms a perfect mound of flowers. A fine plant for winter. flowering in the house pots or small hanging baskets. Flowers delicate rosy lilac, borne freely all over the plant from the base of each leaf stalk. 10c each; 3 for 25c. Ready November 15 to June 1.

## JASMINUM

The sweetest flower grown. Be sure to try one each. GRAND DUKE-Large, double. white, imbricated flowers; fragrant. 15c and 25c. Fine for pots in house.
CAPE JASMINE-Delightfully fragrant; pure white. $10 \mathrm{c}, 25 \mathrm{c}$ and 50 c .

NIGHT BLOOMING-Blooms at night; flowers very fragrant. Fine for planting in the yard; rapid grower. 10 c .
MAID OF ORLEANS-A very attractive new sort, with
MAID OF ORLEANS-A very attractive new sort, with
good-sized, double fowers, blooming profusely all summer; shining pale green foliage. We predict for it a
rapid sale, as it is much easier to handle than other Jasmines, and, as a whole, more desirable. 15c and 25c. Pot plants for sale the year round.


CAPE JASMINE

## HYDRANGEA OTASKA

A Japanese variety producing immense heads of pink flowers. This is the variety so extensively used for Easter decorations. Small plants, 15c; larger, 25c, 75c and \$1.00. On sale November 15th to May 1st. By mail, se extra for small plants and 10c extra for large plants.

LEMON, PONDEROSA


PONDEROSA LEMON
LEMON, AMERICAN WONDER-One of the best selling plants; grows rapidly and forms nice, bushy plants; blooms and bears fruit freely at the same time. Nice plants, 15c and 25c; larger plants, 50c, 75 c and \$1.00. Plants on sale the year round. By express only, the small size can be shipped by mail.

## OTAHEITE ORANGE



The best orange for pot culture. Plants dwarf and symmetrical in form. Flowers freely with a delightful orange fragrance. Fruit edible; about half the size of ordinary oranges. A grand plant for winter culture; scarcely ever without some display of blossom or fruit. 13c each. Large specimen plants, by express, 35c. Ready to sell the year round.

## MADEIRA VINES

The Maderia vines are one of the South's greatest growers and bloomers. The plant is grown from a bulb Which starts growing early in the spring and spreads rapidly, covering a large space in a short time. Flowers are borne on long stems and are white and very fragrant. The roots stay out all winter and once planted are always there for an early shade. Fine bulbs, $10 c$ each; small bulbs, 5c.

## MOON FLOWER VINES

THE MOON-FLOWER-So-called from its rare peculiarity of blooming best at night, although it also expands its flowers on dull days. They are pure white, 5 or 6 inches across, emitting a rich Jasmine-like odor. 10c each.

BLUE DAWN FLOWER-Intense violet blue, with reddish purple rays, 6 inches across. It blooms in the mornings and on cloudy days. 10e each. Ready to sell March 1 to May 15.

OLEANDERS
The plants of the South almost hardy in the northern part of Texas. Grows to a height of 10 feet; a beautiful pot or tub plant for lawn; blooms nearly all season; very decorative. Colors, white, yellow, pink. Nice plants, 10 to 15 inches, $15 c$ each; 2 ft. and over, 25c. By express.

PETUNIAS, SINGLE


SINGLE FRINGED PETUNIA
These are grown from seed of our own saving and are the same strain as those we use in hybridizing to obtain double flowers. Many of them will be finely obtain double foowers. Many of them will be finely varieties. Prices 5c each, eoc per dozen. If by mail, add 10e per dozen.

## PETUNIAS, DOUBLE

Plants grown from the same strain of seed which produced the named varieties, but not all of them are certain to be double. Such of them as come single will, however, be certain to be large and brilliantly colored. Price 10c; \$1.00 per dozen. Ready for market Feb. 1 to June 1. If by mail, add i5c per dozen.

## PHLOX (Hardy)

A hardy flowering, low growing plant with very pretty bright colored flowers by the hundred; blooms early and all summer. Fine plants, 10c each. If by mail, add 10c per dozen.

## PARLOR IVY

A lovely and thrifty climber for the house or window; grows very quickly and makes an abundance of pretty green foliage. 10e each, $\mathbf{3}$ for 25 .

## PERIWINKLE or VINCA

This is a most pleasing and attractive shrub plant, blooming the entire summer season, forming a handsome shrub two feet in height and diameter. Color, rose, white, and white with crimson center. Price, 5e eaeh; 50e per doz.

## VINCA MAJOR VARIEGATA

Pleasant and refreshing. This is a beautiful variegated trailing vine admirably adapted for hanging baskets and vases. The leaves are a glossy green, broadly margined a creamy-white, flowers blue. More Vincas are employed in vase and basket work than all other vines combined. Price 10c each; 4 for 25c; 75c per dozen.

## Palms

All Palms to be had the vear around, from $2 \overline{\text { anc to } \$ 25}$
All palms in pots 4 in. or over should come by express at purchaser's expense; if wanted by parcel post please add 15 per cent of the cost of plants.

We are making a specialty of palms and have one of the largest and best stocks of them to be found anywhere.

The Kentias are recommended as being the hardiest and best for house culture, as dust and gas does not affect them as much as many other palms. Where height of plant is given it means height from top of pot.

## ARECA LUTESCENS

## (See Fig. 10.)

One of the most graceful plants in cultivation. The foliage is clear, glossy green, on slender, golden-yellow stems. Grows rapidly and makes beautiful specimen plants in a short time.


6-inch pot plants. .75
s-inch pot plants.


ONE SMALL SECTION OF OUR PALM HOUSE

KENTIA BALMOREANA


KENTIA BALMOREANA
In our estimation this is one of the very best for all purposes and all places. Exceedingly graceful, and one of the hardiest.

4-inch pots, 12 to 15 inches high, 50c and 75 c .
6-inch pots, 18 to 24 inches high, $\$ 1.00$ and $\$ 2.00$.
(See Fig. 6.)

## KENTIA FOSTERIANA

Much like Balmoreana, except that it grows taller, with larger, heavier foliage.

4 -inch pots, 15 to 18 inches high, 50c and 75c. 6-inch pots, 24 to 30 inehes high, $\$ 1.50$ and $\$ 2.50$.

## LATANIA BORBONICA, FAN PALM

## (See Fig. 4.)

A beautiful palm, with large, deeply divided fanshaped leaves; it is easy of cultivation and should be in every collection.
5-inch pots, 18 to 20 inches high. ........... . 85 and $\$ .75$ G-inch pots, 20 to 24 inches high. . . . . . . . . . . . . . . . . . . . . 1.50 S-inch pots 24 to 30 inches hiph.
2.50

## PHOENIX CANARIENSIS

(See Fig. 16.)
One of the hardiest of the Date Palms with dark green feathery foliage, of strong growth, and is especially valuable for outdoor decoration, as it stands sun and wind without the least damage, even in exposed situations. By Express.
6-inch pots, 24 to 30 inches high, each. . . . . . . . . . . . . . 81.50
8-inch pots, 30 inches high, each............................ 2.50 4 to 5-inch pots, 18 to 24 inches hlgh, each..... 50 and 1.00 3-inch pots, 10 to 15 inches high, cach................ . . . 25

## SAGO PALM <br> (See Fig. 26.)

A beautiful and one of the hardiest palms grown. Nice palms. 3 to 4 leaves, $\$ 1.00$; larger, 6 to 8 leaves, 81.50 and $\$ 2.00$. Try a dry bulb, 25e and 35e each; will make a $\$ 2.00$ palm. Dry bulbs ready in April. Express only.

## PINKS (Hardy)

We have a fine assortment of these beautiful hardy fowering Sweet Pinks in assorted colors, field grown, large clumps, at 15e each; if by mail, add すe per plant.

## PRIMROSE BABY

Easy grower, fine, full foliage flowers in clusters; a beautiful small flower of a baby blue color. 15e and 25e each. If by mail, add 5 c each.

## PLUMBAGOES

CAPIENSIS-A plant worthy of more general cultivation; producing large trusses of delicate azure blue tion; producing large trusses of delicate azure blue flowers. Excellent for bedding out in summer or grow-
ing in pots for single specimen plants. 10e each; dozen. If by mail, add 10c per dozen.

CAPIENSIS ALBA-Equally as desirable as Plumbago Capiensis and identical in every respect but color, which in this variety is beautiful creamy white. 10e each; 75 c per dozen. Ready to sell Dec. 1. If by mail, add 10c per dozen.

PANSIES


As we have given this plant special selection and cultivation, the stock offered can be relied on as embracing the best from foreign and domestic collections. It combines with the flowers of the largest and finest form the most exquisite graduations of color. Large plants, se each, 50e per dozen. Ready from Nov. 15 to March 15. If by mail, add 15e per dozen.

## PRIMULA OBCONICA

A favorite pot plant for house and conservatory culture on account of its wonderful blooming qualities, flowering nearly all the year through. Price, 15c and $25 c$. Ready for sale October 15 to March 15 only. If by mail, add ธ̄e extra.

## SALVIA

SALVIA SPLENDENS-The well-known Scarlet Sage. Another splendid flowering plant, with its plumes of dazzling scarlet flowers. Each 5c; 50c per dozen; 8c per dozen for postage.

DWARF EVER-BLOOMING SALVIA, ZURICH-A fine scarlet; very dwarf; an ever-bloomer. Price 5c; 50c per dozen.


For winter flowers there is no more desirable plant than the Chinese Primrose. They are easily grown and flower incessantly throughout the winter. Our plants comprise all the shades of crimson, pink, white and variegated. 1st size, 25e each; 2nd size, 15c each. On sale November 15 to March 15 only. If by mail, add 5e each.

## SWANSONIAS

A plant which is becoming very popular for house culture. Foliage is as graceful as an Acacia; flowers pure White, produced in sprays of 12 to 20 flowers each, and resembling Sweet Peas. It is of the easiest culture and everblooming. It climbs readily and is splendid for the window garden. White or pink. Price 10c each; \$1.00 per dozen; 3e for postage.

## VIOLETS

"CALIFORNLA VIOLETS"-This has large single purple flowers; when well grown are as large as a silver dollar and deliciously fragrant. Large plants, 10c each; 75 c per dozen.

TEXAS-The Texas violet is of a darker purple than the California, not quite as long stems, but by far a better bloomer and withstands the hot, dry summer better than any violet we have ever grown. Large plants, 10c each; 75e per dozen. Small plants, 35e per dozen. Ready for sale or planting November 15 to April 15. If wanted by mail, add 10 e per dozen.

## VERBENAS

One of our specialties. The list we offer can not be excelled. No garden is complete without a collection of verbenas. Red, variegated, pink, purple, dark blue, white. Don't fail to order some verbenas. 5e each; 50e per dozen. Ready Dec. 1 to April 15. By mail add 5e per dozen.

## VERBENA, LEMON

Or sweet verbena, is a favorite on account of its lemon-scented foliage and lical-scented flowers. Each 15c, or two for 25c. Ready to sell Dec. 1 to May 1; 3c extra for postage.


# Selected Field Seeds 

## ALFALFA

We handle ony the best grades of this wonderful forage crop as the best is by far the cheapest to the planter.

AMERICAN GROWN EXTIRA FANCY-Lb. 40c, postpald; by frelght or express, not prepaid, lb. 30c; 20 lbs. $\$ 5.50 ; 100$ lbs. $\$ 19.00$.

FANCY IRRIGATED-Lh. 3̄̃c, postpaid; by frcight or express, not prepaid, 1b. 25e; 20 lbs. $\$ 4.25$; 100 lbs. $\$ 16.50$.

CHOICE SEED-Lh. 35e, postpaid; by frelght or express, not prepaid, ib. 25e; 20 lbs. $\$ 5.00 ; 100 \mathrm{lhs} . \$ 1 \% .54$.

IMPORTED FANCY-Lb. 40e, postpaid; by freight or express, not prepaid, 1b. 30c; 20 lbs. $\$ 4.50 ; 100$ lbs. $\$ 19.00$.

## BARLEY

HEARDLESS-Earliest Barley in cultivation. A heavy yielder. Lb. 20c; 3 lis. soc, postpaid; by freight or express, not prepaid, peck 50c; bu. \$1.60.

## BROOM CORN

IMPROVED EVERGREEN-Grows about 8 to 10 feet high. Stands up well, and is entirely free from crooked brush. Lib. 20c, postpaid; by freight or express, not prebrush. Lb. 20c, postpaid; by freight or express, not
paid, ib. 10c; 25 lbs. $\$ 1.50$; $\mathbf{5 0}$ hbs. $\$ 2.75$; 100 lbs. $\$ 5.00$.

DWARF-Grows 4 to 5 feet high and makes straw of finest quality. Lh. 20c, postpali; by freight or express, not prepaid, lb. 10c; 25 lbs. $\$ 1.75$; $50 \mathrm{lbs} . \$ 3.00 ; 100 \mathrm{lbs}$. \$5.75.

## CANE SEED

EARLY ORANGE-With taller and heavier stalks than Early Amber. Lb. 20c, postpaid; ly freight or express, not prepaid, lb. 10c; 25 lbs. $\$ 1.50$; 50 lbs. $\$ 2.50$.

EARLY AMBER-The earliest type in cultivation. Black hulled. Lb. 20c, postpaid; by freight or express, not prepald, ib. 10c; 25 lbs. $\$ 1.50 ; 50$ lbs. $\$ 2.50$.

RED-TOP AFRICAN OR SUMAC CANE-Grown very extensively in the Panhandle of Texas. Lb. 20c, postpald; by freimht or express, not prepaid, lb. 10c; 20 lbs. $\$ 1.25$; 50 lbs. $\$ 2.50$. Write for prices on larger quantities of all Cane Sced.

## COTTON SEED

Owing to the wet weather during the planting season a great deal of cotton seed has been damaged, and good pedigreed seed is scarce. We have made our selections with great care and offer only tested varieties that need little description.

MEBANE'S TRIUMPH BIG BOLL-One of the best extra early cottons, heavy yielder. Peck $50 c$; bu. $\$ 1.60 ; 5$ bu. $\$ 7.70$.

ROWDEN FANCY BIG BOLI-Heary vielder, practically storm proof and one of the best cottons for North and East Texas. Peck 60c; bu. $\$ 1.90 ; 5$ bu. $\$ 9.00$.

LONG STAPLE-Produces lint $13 / 4$ inches long, of excellent quality, bringing top prices. Peek 50c; bu. \$1.75; 5 bur. $\$ 8.00$.

## CLOVER SEED

FANCY HULLED IBURR CLOVER-Lb. 40c, postpald; by freight or express, not prepaid, 1b. 30c; 20 lbs. $\$ 4.75$; $100 \mathrm{lbs} . \$ 20.00$.

RED-Lb. 35c, postpaid; by freight or express, not prepald, lb. 25c; 20 lbs. $\$ 4.75 ; 100$ lbs. $\$ 22.00$.

WHITE-Lb. 50c, postpaid; by freight or express, not prepaid, lb. 40c; 20 lbs. $\$ 7.00 ; 100$ lbs. $\$ 35.00$.

AISIKE—Lb. 40c, postpaid; ly freight or express, not prepald, 1b. 30c; 20 lbs. $\$ 7.00 ; 100$ lbs. $\$ 34.00$.

JAPAN-Lb. 40c, posthaid: by freight or express, not prepaid, 1b. 30c; 20 lbs. $\$ 7.00 ; 100$ lbs. $\$ 34.00$.

## FANCY SELECTED SEED CORN

SAMPLES MAILED ON IREQUEST. TEXAS GROWN VARIETIES.
We are listing only varieties that are adapted to Texas and surrounding states, and each and everv one is so well known as to need very little description.

If in doubt as to what varieties to plant write us and we will be glad to give you the benefit of our experience.

GIANT WHITE GOURD SEED (White)-Lb. 30c, postpaid; hy frelpht or express, mot prepald, at. 15e; pk. SĒe; $1 / 2 \mathrm{bu} . \$ 1.60 ; \mathrm{bu} . \$ 3.00$; $5 \mathrm{lun} \$$.14.50 .

DWARF MEXICAN JUNE (White)-Qt. 30c, postpaid; by freight or express, not prepald, qt. 15e; pk. S5e; $1 / 2$ bu. $\$ 1.60 ;$ bu. $\$ 3.00$; 5 bin. $\$ 14 . \overline{\text { on }} 0$.


## FIELD CORN

TEXAS GIANT WHITE (Red Cob) -at. 30c, postpald; by freight or express, not prepald, nt. 15c; pk. S5c; $1 / 2 \mathrm{bu}$. $\$ 1.60 ;$ bu. $\$ 3.00$; 5 bu. $\$ 14.50$.

TEXAS GIANT YELLOW - Rt. 30c, postpaid; by frelght or express, not prepaid, at. 15c; pk. 85 c ; $1 / 2 \mathrm{bu}$. $\$ 1.60$; bu. $\$ 3.00 ; 5$ bu. $\$ 14.50$.
TEXAS GIAN'T BLOODY BUTCHER-Rt. 30c, postpaid; by freight or express, not prepaid, nt. 15e; pk. 85c; $1 / 2 \mathrm{bu}$. $\$ 1.60 ;$ bu. $\$ 3.00$; 5 bu. $\$ 14.50$.
TEXXAS GIAN'G STRAVVBERRY—Qt. 30c, postpaid; by
TEXAS GIAN'T STRADBERRY-Rt. 30c, postpaid; by
frelght or express. not prepald, qt. 15e; pk. S5c; $1 / 2$ bu. $\$ 1.60 ;$ bu. $\$ 3.00$; 5 bu. $\$ 14.50$.

TEXAS HICKORY KING (White)— $2 t$ soc; postpaid; by freight or express, not prepaid, qt. 15c; pk. 85 c ; $1 / 2 \mathrm{bu}$. $\$ 1.60$; bu. $\$ 3.00$; 5 bu. \$14.50.

OKLAHOMA GROWN VARIETIES.
OKI,AHOMA WHITE WONDER—Rt. 30c. postpald; by freight or express. not prepaid, qt. 15c; pk. $85 c$; $1 / 2 \mathrm{bu}$. $\$ 1.60$; bu. $\$ 3.00$; 5 bu. $\$ 14.50$.

BLOODY BUTCHER—Qt, 30c, postpaid; by freight or express, not prepaid, ft. 15e; pk. S5̄e; $1 / 2$ bu. $\$ 1.60$; bu. $\$ 3.00$; 5 bu. $\$ 14.50$.

HICKORY KING— Qt. 30c, postpald; by frelght or express, not prepaid, qt. 15e; pk. S5e; $1 / 2$ lu. $\$ 1.60$; bu. $\$ 3.00$; 5 bu. \$14.50.

IMPROVED INDIAN SQUAW-Qt. 30c, postpald; by freisht or express. not prepaid, qt. 15e; pk. S5e; $1 / 2$ bu. $\$ 1.60 ;$ bu. $\$ 3.00$; 5 bu. $\$ 14.50$.

OKLAHOMA GOLDEN BEAUTY-Rt. 30c, postpald; by freight or express. not prepaid, qt. 15e; pk. 85e; $1 / 2$ bu. $\$ 1.60$; bu. $\$ 3.00 ; 5$ bu. $\$ 14.50$.

NORTHERN GROWN SEED CORN.
A great many of our customers prefer to plant North-ern-grown seed corn, as it matures very early and is also especially adapted for late planting. The White Pearl variety is used very extensively by market gardeners for the growing of roasting ears. We can supply the following sorts:

Prices on all Northern-grown corns. at. 30c, postpald; by frelght or express, not prepaid, at. 15e; pk. 75 c ; $1 / 2$ bu. \$1.25; 1vu. \$2.25; 5 bu. \$10.50.

EARLY WHITE SILVER MINE-A fine variety
CARLY WHITE PEARL-Matures in 85 to 90 days.
IOWA GOLD MINE-Long grains, small cob.
EARLY YELLOW LEAMING-A fine feeding variety.


IOWA GOLD MINE

## JERUSALEM CORN

One of the best grains for arid sections. Grows three to five feet. Makes large heads similar to $K$ affir on main stalk and several smaller ones on side shoots, heavy yielder. Lb. 25c, postpaid; by freight or express, not prepaid, lb. 15c; 20 lbs. \$2.85; 100 lbs. \$9.00.

## KAFFIR CORN

WHITE KAFFIR CORN-Grows 4 to 5 feet high. The stems are very leafy and keep green and brittle, unlike other sorghums, which harden. For grain, sow 10 pounds to the acre, in rows 3 feet apart. For fodder, sow from one-half to one bushel, either broadcast or in drills. Lb. 20c, postpaid; by freight or express, not prepaid, $\mathbf{l b}$. $10 \mathrm{c} ; 25 \mathrm{lbs} . \$ 1.00 ; 50 \mathrm{lbs} . \$ 1.75 ; 100$ lbs. $\$ 3.10$.

RED KAFFIR CORN-Grows taller than the white, stalks slender, juicy and very leafy. The seed is red, smaller than that of the white, and hard and brittle. Ripens earlier than that of the white, and yields much Ripens earlier than that of the white, and yieds much prepaid, Ib. 10c; 25 lbs. $\$ 1.00$; 50 lbs. $\$ 1.75$; 100 lbs. $\$ 3.10$.

## MILO MAIZE

EXTRA DWARF-Grows only about 4 feet high, and makes a small stalk as compared with the old type of milo maize. Produces fine large heads. Extra recleaned seed, lb. 20c, postpaid; by freight or express, lb. 10c; 25 lbs. $\$ 1.00$; 50 lbs. $\$ 1.85$; 100 lbs. $\$ 3.50$.

WHITE MILO MAIZE-Very similar in habit of growth to the old milo maize, the grain about the same size but pure white. The head almost double the size and twice the weight. Very dwarf in growth, with heavy stalks.

Our supply of seed is very limited this year and we offer as long as it lasts at the following low introductory prices: Lb. 25c, postpaid; by freight or express, lb. 10c; 20 lbs. $\$ 1.25 ; 50$ lbs. $\$ 2.50$; 100 lbs. $\$ 4.20$.

## COW PEAS

RED SPECKLED WHIPPORWILLS—PK. $\$ 1.00$.
LARGE BLACK EYE-PK. \$1.00.
Write for prices on larger quantities.

## FETERITA

A valuable new drouth resisting grain, originating in the Texas Panhandle, heads similar to white milo maize -has produced a crop of 40 to 50 bushels per acre when all other grain crops were a complete failure. Our supply of this grain is limited. Lb. 30c, postpaid; by frelght or express, not prepaid, 1b. 20c; 20 lbs. $\$ 2.75$; 50 lbs. $\$ 5.00$.

## GRASS SEEDS

All thoroughly recleaned and highest germination:
BERMUDA-Lb. $\$ 1.40$, postpaid; by freight or express, not prepaid, 1b. 81.30 ; 20 lbs. $\$ 25.00$; 100 lbs. $\$ 120.00$.

RESCUE-Lb. 35c, postpaid; by freight or express, not prepaid, lb. 25c; $\mathbf{2} 0$ lbs. $\$ 4.75 ; 100$ lbs. $\$ 18.00$.

JOHNSON-Lb. 35c, postpaid; by freight or express, not prepaid, 1 b . 25c; 20 lbs. $\$ 4.00$; 100 lbs. $\$ 15.50$.

## MILLET

FANCY BIG GERMAN-The seed we offer is first-class quality and will give our customers the best satisfaction. Lb. 20c, postpaid; by freight or express, not prepaid, lb. 10c; 25 lbs., $\$ 1.60$; 50 lbs. $\$ 2.25 ; 100$ lbs. $\$ 4.00$. Write for prices on larger quantities.

CHOICE GERMAN-This is the millet usually sold by others, and is good to grow for hay. Lb. 20c, postpaid; by freight or express, not prepaid, lb. 10c; 25 lbs. $\$ 1.10$; 50 lbs. $\$ 2.00 ; 100$ lbs. $\$ 3.60$. Write for prices on larger quantities.

COMMON, OR SMALL-This Millet is preferred by many. Lb. 20c, postpaid; by freight or express, not prepaid, lb. 10c; 20 lbs. 75c. Write for prices on larger quantities.

JAPANESE BARNYARD - Also called Billion Dollar Grass. This wonderful forage plant yields as high as 12 to 20 tons per acre, growing 6 to 8 feet high. Sow from March until July, broadcast, 40 lbs. per acre. Lb. 20c.

## OATS

TEXAS RED RUST-PROOF-We have secured some very fine seed of this popular sort. Recleaned seed, bu. $90 c$; 10 to 20 bu . lots, 85 c per bu. Write for prices on larger quantities.

## RYE

May be sown either fall or spring. Makes fine pasture. Sow $11 / 4$ to $11 / 2$ bushels per acre. Pk. 50c; bu. $\$ 1.45$; 10 bu. \$13.50.

## MAMMOTH RUSSIAN SUNFLOWER

Produces enormous heads, measuring 15 to 20 inches in diameter. Seeds are highly valued by all who have tried them, as an excellent and cheap food for fowls. May be planted on a waste piece of ground any time, early spring until middle of July, at the rate of 3 quarts to the acre. Lb. 25c. postpaid; by freight or express, 1 b . 15c; 20 lbs. Lib. 25c. postpaid; by
$\$ 2.50 ; 100$ 1bs. $\$ 10.00$.

## VELVET BEAN

A climbing nitrogenous plant, making a rapid growth and forming a dense mass of foliage. Velvet Beans should be planted in March or April at the rate of $1 / 2$ bushel per acre, in rows 4 feet apart, dropping the seeds 4 inches apart in the rows. Lb. 35c, postpaid; by freight or express, 1b. 25c; 20 lbs. $\$ 2.20$; 50 lbs. $\$ 4.25 ; 100$ lbs. $\$ 8.00$.

## OREGON OR SPRING VETCH

## (Vicia Sativa.)

Planted both in spring and fall, is very much like the Sand or Winter Vetch in growth and habit, and used for the same purpose. It is used in certain sections of the South where the winters are mild in preference to Vicia Villosa. Lb. 20c, postpaid; by freight or express, not preVillosa. Lb. 20c, postpaid; by freight or express, not pr
paid, 1b. 15c; 20 lbs. $\$ 2.20$; 50 lbs. $\$ 5.50 ; 100 \mathrm{lbs} . \$ 9.50$.

## EGYPTIAN WHEAT

A valuable grain for stock feeding. Plant like Kaffir corn or milo maize. Makes valuable forage as well as heavy yield of grain. Lb. 25c, postpaid; by freight or express, not prepaid, lb. 15c; 20 lbs. $\$ 1.60 ; 50$ lbs. $\$ 4.00 ; 100$ ibs. \$6.00.

## Vegetable Seeds

SEED THAT WHLI, GROW

TRY US AND YOU WILI, COME AGAIN


#### Abstract

Your order, no matter how large or how small, will always receive our prompt attention. ALL SEEDS sold in packet, ounce, pound and pint go prepaid by mail, unless it be varieties listed by express or purchaser's expense.

ALL SEEDS in lots over one pound, gallon, peck, bushel, etc, go by express or freight at purchaser's expense, the price having been reduced to the lowest figure for cholce atock.


## DISCOUNT ON SEEDS IN PACKAGES AND OUNCES ONLY.



No discounts on pints, quarts, pounds, etc.

## CRESS

A well known pungent salad. Requires to be sown thickly and covered very slightly, at frequent intervals, to keep up a succession, as it soon runs to seed.

CURLED-Very fine for salad; will bear cutting several times. Pkt. Je; oz. 10c; $1 / 4$ lb. 20c; lb. 60c.

## Beans

The bean crop this year is almost an entire failure, owing to the early frost in the bean-raising section, which damaged the crop or caused rust and only about one-fourth crop is offered to the entire trade of the United States. Owing to the fact of the shortness of the crop we can only offer to our customers a limited amount and only the popular standard varieties that are most in general use by our truckers.


## BUSH WAX PODDED

RUSTPROOF GOLDEN WAX-This valuable variety is attracting considerable attention among the bean growers of this country on account of its being rustproof. It is positively proof against that most destructive enemy of all beans, the rust. It has been tested thoroughly in all sections and grown side by side several years with other wax beans, all of them more or less affected by rust and many of them completely ruined, and this variety has remained entirely free from it. Another this variety has remained entirely free from it. Another
most desirable feature about this splendid bean is that it is always crisp, tender, of the most delicious flavor and of a rich golden yellow. Pkt. 10c; pt. 35c; qt. 65c. Add to these prices 10 c for postage.

## Bush Green Pods

EARLY RED VALENTINE-This is a round pod bean, very tender and the earliest of all bush bean, very desirable for the home garden; it develops earlier by 15 days than other bush varieties and is one greatly grown by our truckers. On acocunt of its earliness and bounby our truckers. On acocunt of its earliness and bounthis variety to those desiring early beans. pkt. 10c; pt. this variety to those desiring early beans, Pkt.
$\mathbf{3 5 c} ; ~ q t . ~ 65 c . ~ A d d ~ t o ~ t h e s e ~ p r i c e s ~$
$10 c$

GIANT STRINGLESS-One of our most prolific producing varieties, somewhat later than the Early Valentine, but a more abundant producer of a longer standing and will not be damaged by a slight frost. Pkt. 1Ge; pt. 35e; qt. 65c. Add to these prices 10 c for postage.

BURPEE'S STRINGLESS-This is the most popular of our green pod beans and the varieties very much planted by our market gardeners. A nice flat pod 5 to 7 inches long and a wonderful producer, absolutely stringless. For our home gardens we highly recommend this variety. It will please the home gardener. Pkt 10c; pt. 40c; qt. 75 c. Add to these prices 10 c for postage.

## POLE OR CLIMBING SORTS

CREASEBACK WHITE-(Early). Pods light green in color, stringless and of fine quality. Pkt. 10c; pt. 30c; qt. J0c; pk. \$3.50.

THE KENTUCKY WONDER-The greatest of all pole beans, almost a continuous bearer, producing pods 6 to 9 inches long, which are very tender. This bean is mostly planted in hill with the corn and very popular with the home gardener as they desire a vine to grow on the fences and at the same time be a profitable one. Pkt. 10c; pt. 30c; qt. 50c. Add to these prices 10c for postage.

WHITE CREASEBACK-Mostly planted by our country cousin on account of its wonderful producing quali-

ties. The pods are produced in cluster 6 to 8 inches long and are very hardy, which makes it a most desirable canner. Pkt. 10c; pt. 30c; at. 50c. Add to these prices 10 c for postage.

## Bush Lima Beans

HENDERSON DWARF OR BUSH LIMA-A very desirable variety for the home gardener and a prolific producer. Pkt. 10c; pt. 30c; qt. 50c.

## Pole Lima Beans

SMALL WHITE LIMA OR SIEVA-A very early variety, valuable for the truck growers on account of its wonderful productiveness. Pkt. 10c; pt. 30c; qt. 50c.

KING OF THE GARDEN-This is the large varlety, very productive and will bear until frost if picked often and not allowed to ripen on the vines. Pkt. 10c; pt. 30c; $\mathbf{\alpha t}$. 50c. Add 10 c to these prices for postage.

# Beets of Your Choice 



March to June in drills warà cuinned out to one foot apart in the rows. CROSBY'S EGYPTIANA very superior strain of Blood Red Egyptian, carefully. selected for years by Mr. Crosby, a noted market gardener, whose aim wilt oo secure a perfect forcing sort. The refew small tops, very small tap root, fine quality, and above all, quick, rapid growth. The shape is rery desirable, not quite so flat as the ordinary Egyptian, nor so round as the Eclipse. Preferred to all others for forcing in frames, or for first sowing outside. Being a rapid grower, it may be sown outside as late as July. Pkt. 5e; oz. 10c;, ${ }^{1 / 2-1 b}$ - soc; 1b. si.10. hose who have grown it for, as it is called by pronounced by most gardeners the best of all table beets for their use, as its earliness and fine turnip shape insure a quick sale. Our seed is carefully selected. If you have a place in your garden, don't fail to try Eclipse. Pkt. 5e; oz. 10e; $1 / 4-1 \mathrm{l}$. 25e; 1b.

EXTRA EARLY EGYPTIAN BLOOD-A standard sort, being from ten to twelve days earlier than the oldCBlood Turnip. The roots are round on top and slightly flattened beneath. From the smallness of the tops of the Egyptian, at least one-fourth more ann be grown on the same ace than any other valety. Pkt. 5c; oz. 10c; 11/4lb. 25e; 1b. \$1.00.

## EARLY BLOOD TURNIP

 -Select stock. The old standby, the farorite with thousands of gardeners; by many preferred to all others for general use. It is not as early as the Egyptian, but surpasses the latter variety in flavor; color, dark, rich red; roots fine grained, globular shape, with small top; free from side or fibrous roots, always remarkably smooth. Excellent for forcing and a very superior keeper, thus making it also desirable for winter use. Cooks sweet, tender and crisp; in every way we recommend this as a valuable sort for market or home gardens. Pht. 5e; oz. 10c; $1 / 4-1 \mathrm{~b}$. 25e; 1b. 90.IMP. LONG SMOOTH BLOOD-Roors long and slender, penetrating the soil deeply, but seldom more than two inches in diameter. The flesh is dark, tender, sweet and free from woodiness. Tops small, good keeper. Pkt. 5c; oz. 10c; $1 / 4-1 \mathrm{lb}$. 30c; lb. 80c.

FAUST'S CRIMSON-This variety, introduced a few years since from Germany, is of medium to large size, of a very pleasant dark crimson color. It is exceedingly fine grained, is crisp, tender and deliciously sweet. The very best table beet we have ever seen. In addition to these fine qualities it is one of the earliest, if not the earliest in cultivation, rendering it of great value to market gardeners and to truckers. Pkt. 5c; oz. 10c; 1/4-lb. 35c; lb. $\$ 1.00$.
MARKET GARDENERS, THE TRUCKER'S FAVOR-ITE-An extra early variety, only a little later than Lightning, and one that has become a great favorite with the gardeners in all sections on account of its uniform size and handsome shape. It is a perfect variety for table use, and on account of its earliness and fine appearance invariably brings a goou price on the market. When cooked, it is of a beautiful deep red throughout, fine grained, and very sweet. We heartily recommend this variety to everyone who grows vegetables for mar-
keting. It is also valuable for private use, but its greatest ralue is to the market gardeners. Pkt. 10c; oz. 20e; $1 / 4-1 \mathrm{~b}$. 30c; 1b. \$1.25.

## Stock Beets MANGELS, FOR FEEDING STOCK

RED GLOBE-A large, red, oval variety; keeps well and is especially adapted to low soils. Pkt. 5c; oz. 10c; $1 / 4-1 b$. 15c; 1b. \$50c. Prepaid.
SUGAR BEET-Fire-pound lots, and over, 25e per lb. By express or freight at purchaser's expense.
MAMMOTH GOLDEN TANKARD-Flesh a golden, and of great milk producing qualities. Pkt. उc; oz. 10e; $1 / 4-1 \mathrm{l}$. 25e; 1b. 90c. Postpaíu.

MAMMOTH LONG RED-Grows to very large size and good keeper. Pkt. 5e; oz. 10c; lb. 50c. Postpaid.


SUCCESSION
EARLY SUMMER
SUREHEAD

EARLY SUMMER-(See cut.) Our strain of this standard early variety has been carefully selected each season, and we pride ourselves on being able to offer a strain of Early Summer that cannot be surpassed. It grows as large as many of the medium and late sorts, and is valuable for its quick growth, handsome shape and splendid quality. Many gardeners grow this in preference to any other cabbage. Pkt. Јc; oz. 15c; $1 / 4-1 \mathrm{lb}$. 45c; 1b. \$1.50.

EARLY DWARF FLAT DUTCH-A standard sort that seems to increase in popularity each season. The plants are short-stemmed and upright with comparatively few and short leaves, so that they may be planted very close together. Heads are of large size, very solid and with our test are found to mature about the same time as Early Summer, and will stand longer than that variety without bursting. Our seed has been carefully saved, Without bursting. Our seed has been carefully saved, Pkt. $\mathbf{5 c}$; oz. 20c; $1 / 4 \mathbf{- 1 b} .65 c ; 1 b . \$ 2.00$.

## POINTED HEADS

EARLY DWARF YORK-Very early, heads small, not quite as large as Jersey Wakefield; very tender and sweet. Pkt. 5c; oz. 15c; $1 / 4$-lb. 45c; lb. \$1.50.

JERSEY WAKEFLCLD-Carefully selected seed. For over twenty years Jersey Wakefield has held its own with other cabbages, and our enormous sales of this variety every season prove to us that it is still one of the most popular sorts ever introduced. Our seed is true and carefully saved from selected heads. They are conical or pyramidal in shape, have few outside leaves and can pyramidal in shape, have few outside leaves and can $1 / 4-1 b$. 65c; 1b. $\$ 2.25$.

OXHEART-Heads very fine and of good flavor. Pkt. $5 \mathrm{c} ;$ оz. $10 \mathrm{c} ; 1 / 4-1 \mathrm{~b} .45 \mathrm{c} ; \mathbf{1 b} . \$ 1.60$.

CHARLESTON WAKEFIELD-A very popular variety with market gardeners in the South. It is about a week later than Early Jersey Wakefield, but the heads are nearly one-half larger; does not burst when ripe, like most early sorts, and can be left standing in the fleld mome time without damage. Pkt. 5c; oz. 25c; $1 / 4-1 b$. 75c; some tim

LARGE EARLY YORK-A little larger and usually a week later than Early Dwarf York. Pkt. 5c; oz. 15c $1 / 4$-1b. 45c; 1b. \$1.50.

EARLY WINNINGSTADT-An old standard variety that is without doubt the hardiest of all the cabbages. Vigorous in habit and seldom affected by heat, drouth, frosts or insects. A second early pointed sort that is certain to head in almost any kind of season. It is a sure header and will grow a hard head under circumstances where most would fail. It seems to suffer less from the cabbage worm than other sorts. Heads are regular conical, very hard and a good keeper. There are
dozens of strains of this variety on the market, but we have as yet to find one that is equal to the one which we offer in either earliness, size or uniformity of heading. Pkt. $5 \mathrm{c} ; \mathrm{oz}$. 15c; $1 / 4-1 \mathrm{~b} .45 \mathrm{c} ; 1 \mathrm{lb} . \$ 1.50$.

ALLHEAD EARLY-An all-the-year-round cabbage. We believe the best we can do is to take the introducer's description of this valuable variety. He says: Allhead is the largest of the large cabbage and is one-third larger than any other early summer variety. The deep heads
are solid and the most uniform in color, shape and size of any early variety in cultivation. As tenderness is the result of rapid growth, it surpasses all others in this respect. The heads grow so compactly and are so free from spreading leaves that fully one thousand more heads can be obtained to the acre. It is really an all-the-year-round cabbage. While it is all that can be desired as an early variety, it is also valuable as a late or winter sort. Seed sown in July and set about the 15 th of August, will bring large, solid heads that are certain to winter well. Ours is selected with the greatest care. Pkt. 10c; oz. 25e; $1 / 4-1 \mathrm{lb} .75 \mathrm{c} ; \mathbf{1 b}$. \$2.50.

EARLY DRUMHEAD-Heads large, round, flattened. Pkt.5c; oz. 15c; $1 / 4$-lb. 50c; 1b. \$1.75.
slightly
ALL SEASONS-Heads large, solid and of excellent keeping qualities. Fine for shipping purposes. A splendid cabbage for general use. This variety is extensively grown by market gardeners in the East, where it is congrown by market gardeners one of the very best sorts for marketing. The heads are of good size, almost round and slightly flatheads are of good size, almost round and slightly fail to produce a solid head, even in the poorest seasons. It is said to be able to withstand drouth and hot sun better than almost any other midsummer cabbage. In quality tenderness and flavor no Drumhead can surpass our selected strain of All Seasons. Pkt. 5c; oz. 20c; 1/4-lb. 65c; 1b. \$2.00.

## MEDIUM AND FLAT SORTS

MARKET QUEEN-The gardener's favorite for medium early and late use. It is an early Drumhead cabbage, yielding heads of an enormous size and of the very best quality. In sweetness, tenderness and richness of flavor it surpasses any other variety we have ever tasted. Pkt. 10c; oz. 35c; $1 / 4-1 \mathrm{~b}$. $\$ 1.00$; 1b. $\$ 3.00$.

IMPROVED OR SUPERIOR LATE FLAT DUTCH-The great cabbage for fall and winter use. It is a sure header, solid and of excellent flavor. The heads are large, oval in shape. Pkt. 5c; oz. 20c; $1 / 4-11$. 50c; 1b. \$1.50.
SUREHEAD-Large, solid heads; a fine shipper. Pkt. Је: оz. 20c; $1 / 4-1 \mathrm{~b}$. 65c; 1b. $\$ 2.00$.

SUCCCSSION-(See cut.) The best general crop cabbage in the world. Surest heading late sort. Keeping qualities unequaled. It is a large, round variety, with flattened heads. For shipping or home marketing it is the finest cabbage we know of. It will make a good large, solid head under the most trying circumstances, and will keep in fine condition longer than any other sort. Pkt. 10c; oz. 25c; $1 / 4-1 \mathrm{l}$. 65c; 1b. $\$ \mathbf{\$ 2 0 0}$.
HUNDRED WGIGHT-The largest late variety. Remarkable for its immense size, solidity of head and wonderful keeping qualities. The heads are round, rather flattened at the top and grow uniform in size and shape, presenting a very handsome appearance and making a most valuable variety for market purposes. Pkt. 10c; Oz. 20c; $1 / 4-1 \mathrm{~b}$. 60c; 1b. $\$ 2.00$.
HOLLANDER, OR DANISH BALLHEAD-Of vigorous, compact growth, with stems rather longer than those of most American sorts. The plants are hardy, resisting cold and hot, dry weather alike. The heads are of uniform shape, handsome, solid, and of excellent keeping qualities. One of the best for shipping to distant markets or late spring use. Pkt. 5c: oz. 25c; $1 / 4-1 \mathrm{lb}$. 75c; 1b. \$2.50.

PREMIUM LATE FLAT DUTCH-This is a large, strong growing variety, requiring a considerable length of season in which to perfect the large, solid flat heads, and should be planted 2 feet apart in rich soil. Very popular where large, solid heads are desired for market. Pkt. Јe; oz. 15c; 1/4-1b. 50c; 1b. \$1.75.

## CABBAGE SAVOY

DRUMHEAD-Heads large and very finely curled; excellent keeper. Pkt. 5c; oz. 20c; 1/4-1b. 65c; 1b. \$2.00.

PERFECTION DRUMHEAD SAVOY-Savoy Cabbage is very much superior to ordinary Cabbage, as it is more tender and of finer flavor. For this reason it should be more widely cultivated, both for market or home use. Perfection Drumhead Savoy is an excellent strain, with large, solid heads of fine quality. Pkt. Je; oz. 20c; $1 / 4-1 b$. 60c; 1b. \$2.00.

## RED CABBAGE

MAMMOTH RED ROCK-Largest and most solid of the red varieties; very tender. Pkt. 5r; az. 20c; 1/4-1b. - 5́c; lb. \$2.50.

## Carrots



CULTURE-When it is possible to do so, it is advisable to sow as early in the spring as the ground is fit to work, though good crops may in this latitude be grown from sowing as late as May 1st, but one is less certain of good crops from such late planting. Prepare the ground thoroughly and sow in drills 18 to 24 inches apart, using one and one-half to three pounds to the acre, according to the distance between the rows. Cover one-half to one inch deep and see to it that the soil is well firmed above the seed. As soon as the plants appear, use the cultivator or wheel hoe and do not let the weeds get a start. Thin to three to six inches apart in the row as soon as the plants are large enough. For winter use gather and store like beets or turnips. One ounce wil sow 100 feet leng.

EARLY SCARLET HORN-Stump root. Is popular for forcing and early outside sowing. Flesh deep orange, small tops. Pkt. 5e; oz. 10c; $1 / 4-1 \mathrm{~b}$. 25e; 1b. 85c.

OXHEART-A desirable variety on soil too hard and stiff for the longer growing sorts, as it is not 5 to 6 inches long. Quality the best; can be easily pulled. Pkt. 5c; oz. 10c; $1 / 4-1 \mathrm{lb}$. 25e; 1b. 73c.

HALF LONG DANVERS-Improved stock. One of the most productive for field culture. Tops medium, roots dark orange color, of medium length, tapering abruntly at the point, very uniform and handsome; flesh deep orange. Pkt. 5c; oz. 10c; $1 / 4-1 b$. 25e; 1b. 75.

HALF LONG SCARLET STUMP ROOT-(Nantes.) Skin smooth, stump rooted. The flesh is red, of fine flavor, having very little core. Pkt. 5c; oz. 10c; 1/4-lb. 25c; lb. 75c.

LONG ORANGE-The best late variety for field culture. A fine keeper and retains its bright orange color during the winter. Pkt. 5e; oz. 10e; $1 / 4-1 b$. 25e; lb. 75c.

CHANTENAY-Undoubtedly the finest Carrot for general use ever introduced. As will be seen by our illustration it is rather long, coming abruptly to a point, and has almost no side shoots. In color it is a rich shade of orange and the flesh is solid, yellow and with no core. It is free from the coarse, rank flavor found in most of the varieties of its size. We introduced this several years ago and each season convinces us that it is to become one of the leading varieties for private gardens. Pkt. 10c; oz. 15e; $1 / 4-1 \mathrm{~b}$. 35e; lb. $\$ 1.00$.

## Celery

CELERY-Culture: Sow in hotbeds or in a cold frame. As soon as the plants are three inches high, transplant to a nicely prepared bed in the border, setting them four or five inches apart, set them in the trenches. Earth up a little during the summer, keeping the leaf stalks near together, so that the soil cannot get between them. Finish earthing up in the autumn, and never hoe or earth up in moist weather or when the plants are moistened with dew.

To preserve Celery for winter, dig trenches a foot in width and as deep as the top of the plants. Stand the Celery in these, erect as they grow, with what dirt adheres to the roots, packing closely but not crowding. After the trench is filled, it should be covered with straw or leaves as a protection from the frost. Do not cover until the weather becomes quite cold, and then only a little at a time as the cold becomes greater. Celery will bear a great deal of frost. The trench must have a good drainage.

WHITE PLUME-It is more largely grown for both private and market use than any other sort. In earliness it surpasses any other celery, as it can be blanched for the table in September, while the flavor and quality none can compare with it. Many of the leading growers of America claim this and Self-Blanching are the only sorts it pays to raise. We have been extremely careful in selecting our seed of this famous variety and believe the seed we offer this season is as pure a strain of White Plume as can be obtained. Pkt. 10c; oz. 20c; $1 / 4-1 b$. 60c; 1b. $\$ 2.00$.

GOLDEN SELF-BLANCHING-A grand sort on the style of White Plume except that it is a golden yellow color. Pkt. 10c; oz. 35c; $\mathbf{1 / 4 - 1 b}$. \$1.25.

## Collards

COLLARDS-Culture: Sow seed as for cabbage in June, July or August for succession; transplant when a month old.

TRUE GEORGIA-PKt. 5c; oz. 10c; 1/4-1b. 25e; 1b. 85c.

## Cauliflower

CULTURE-For spring and summer sow late in February, March or early April, in hotbeds, transplanting to cold frames when of a sufficient size, then to the open ground when frost is over, though a light frost will not hurt them. The soil should be richer than for Cab bage. Persian insect powder will keep free from the worms. Sow and treat as for Cabbage. By giving a liberal supply of water and planting to mature in early summer or late fall, the heads will be much improved. It is also well to cover the heads with the leaves to insure their whiteness. Cut while the curd is hard, to keep their whiteness. Cut while the curd is hard, to keep them from being bitter. The seeds can be sown in Sep-
tember the same as Cabbage and wintered over in the same manner.

EARLY SNOWBALL FORCING-The market gardeners' favorite. Stands the heat and drouth better than most Cauliflowers. The outer leaves are short so that plants may be set close together. We offer selected seed of this variety. Produce heads 9 inches across in this latituđe by Jume. Pkt. 20c; oz. \$3.00.

## Sugar Corn

SUGAR CORN-Culture: This requires a good soil and situation. Commence for first planting early and if a continuous supply is wanted all summer, make plantings about two weeks apart; first planting early varieties, then later ones. Plant in rows three feet apart and make the hills about the same distance apart in the rows. Five kernels in the hill are plenty. Cover about one inch deep for early and a little deeper for late.

## EXTRA EARLY SORTS

PEEP O'DAY-This most valuable sort is of Minnesota origin, and is not only early, but one of the sweetest and best. The stalks grow from three to four feet high. Ears average from five to six inches in length and are of perfect form, being compactly filled from butt to tip with milky white kernels of luscious tenderness and delicious rich flavor. The toothsome quality is retained a much longer time than in most corns. The plants are very healthy growers, and are wonderfully prolific. pkt. 5 e; pt. 25e; nt. 45e; pk. \$1.25.


COUNTRY GENTLEMAN-The most delicious of all Sweet Corns, and also one of the most productive sorts. The ears are of a good size with a small cob and very clear, deep, white kernels, tender and sweet, many of the stalks bearing 3 to 4 ears. Pkt. 5c; pt. 25e; qt. 50c; pk. \$1.50.

STOWELL'S EVERGREEN SELECTED-It is very tender, sugary and remains green a long time; a heavy yielder. Pkt. 5c; pt. 25c; qt. 4Je; pk. \$1.25.

ADAM'S EXTRA EARLY-Standard early variety. Pkt. 5e; pt. 2Јe; qt. 45e; pk. \$1.00.


## MAMMOTH WHITE CORY.

MAMMOTH WHITE CORY-The largest and best extra early Sweet Corn. The stalks are no larger than those of the Cory, and mature their ears fully as early, but the ears are 12 instead of 8 rowed, very much larger and quite free from the open space between the rows, which is such an objectionable feature of the old Cory. The grain is very white, the quality is good and the size and beauty of the ears gives this variety a ready sale, even if the market is glutted with other sorts. Pkt. 10c; pt. 25e; qt. 45c; pk. \$1.25.

ADAM'S EARLY-An excellent early field sort. Ears 8 inches long, 12 to 14 rowed. Pkt. 5c; pt. 25e; qt. 45c; pk. $\$ 1.00$.

EARLY EVERGREEN SWEET CORN-One of the very best Sugar Corns in existence, possessing every good quality of Stowell's Evergreen, except that the stalk is
about one foot shorter, and that it will mature in 80 days, or fully 10 days earlier. The ears are like Stowell's, very large, with about 18 rows of very large grains. Pkt. 5e; pt. 25e; qt. 45 c ; pk. $\$ 1.00$.

## POP CORN

QUEEN'S GOLDEN-The largest of all Pop Corn; the stalks grow 5 to 6 feet high and bear 2 and 3 large ears of fine corn each. It is cream in color, but pops perfectly white. Large pkt. 10c; pt. 25c; qu. 35c.

## Cucumbers

CUCUMBERS-Culture: Plant a dozen seeds to a hill, covering half an inch. After the plants are started, pull all but three or four of the strongest. Make the hills about six feet apart. For early cucumbers the hotbed is necessary, but the simplest and surest way to produce a tolerably early crop of the best kind is where it is designed to place a hill, dig a hole about eighteen inches deep and three feet across; in this put a barrow of fresh manure and cover with a small box-like frame, on the top of which place a couple of lights of glass. When the plants grow keep the earth drawn up to the stems. Water and give air.


FAVORITE PICELING.
FAVORITE PICKLING-(See cut.) The best of all Cucumbers for pickling purposes. For years we experimented with all the varieties of different Cucumbers for pickling purposes, testing them by the side of our "Favorite," but found none that equaled it either in yield or quality. In form it is solid rather than thick, the flesh is crisp and exceedingly tender, although very firm. Taking all together, it is about as near perfection for pickling purposes as a Cucumber can be. We heartily recommend it to all our friends who desire a choice pickle, and know that thousands of our patrons who purchase


LONG GREEN IMPROVED.
it each year will gladly endorse our recommendations. All we can add to this is five words: Don't fail to try it. Pkt. 10c; oz. 20c.
COOL AND CRISP-This variety is one of the earliest and most productive of all pickling cucumbers. At the

## CUCUMBERS-Continued

pickling stage they are straight, long, even and slim, and until fully grown are of a dark green color. While it is one of the best pickling varieties, it is also excellent for slicing, the cucumbers, when fully grown, being of good size and exceedingly tender and crisp. It is one of the few varieties that bears incessantly the whole season. Pkt. 10c; oz. 20c.

JAPANESE CLIMBING CUCUMBERS-A marvelous climbing variety introduced from Japan. It is indeed a novelty and worthy the attention of every farmer and gardener. The vines are very strong growing and immensely productive, it being estimated that it will yield three times more than any other variety in a given space. The cucumbers are about ten inches in length, and of a beautiful green color; the flesh is firm and free from the bitter taste found in some varieties. It can be trained on poles, trellises, fences, or in fact any place where a vine can grow, and you will save much valuable space in the garden. One of my customers who tried it last season writes: "Your Japanese Climbing Cucumber is the wonder of our city." Another one says: "The Japanese Climbing Cucumber is the best variety I have ever seen and is certainly unequaled for slicing." Our seed is carefully selected. Pkt.10c; oz. 25c. Short crop, delivery uncertain.

LONG GREEN IMPROVED-(See cut.) A favorite variety for pickles. Long and crisp. Pkt. 5e; oz. 20c.

ARLINGTON WHITE SPINE-The truckers' favorite. Very early; color deep green. Pkt. 5c; oz. 20c.

BOSTON PICKLING-Extensively used for pickling purposes. Color, bright green. Pkt. 5c; oz. 20c.

WHITE SPINE IMPROVED-Very uniform in size; very productive; crisp and fine flavor. Pkt. 5c; oz. 20c.
WHITE SPINE EXTRA LARGE-A fine, large and well shaped sort, a little later than the above. Pkt. 5c; oz. 20 c .

EARLY CLUSTER-Fruits small, dark green, borne in clusters. Pkt. 5c; oz. $15 c$.

JERSEY PICKLING-A long, slender sort for fine pickling. Pkt. 5c; oz. 20c.

LIVINGSTON'S EVERGREEN-Of late introduction. Now well known the country over, catalogued by all the leading seedsmen and generally admitted to be the best pickle sort offered, possessing every qualification required in a perfect pickle Cucumber. One grower says it bears "four to one," compared with the standard sorts. It is a very strong grower, extra early, and bears firm, crisp fruits, which are excellent for slicing. When ripe it is yellow, not white, as some have mistaker it. Pkt. 5c; oz. 15 c.

## Lettuce

LETTUCE-Culture: A very rich soil is necessary to produce fine head Lettuce. Its crisp and tender quality depends very much on a luxuriant and vigorous growth.


A SPLENDID VARIETY OF HEAD LETITUCE.

The earliest sowing may be made in February or March, under glass, with slight heat. For later supply sow in the open ground as soon as the season will permit, in rows one foot apart and thin out the plants to one foot apart in rows. If sown every two or three weeks to the middle of August, it may be had in profusion the entire season.


## BIG BOSTON.

ALL CREAM-A most desirable new cabbage Lettuce, and one that will do equally as well for forcing as for summer use. It is certainly a grand variety, and for beauty of foliage, tenderness and delicacy of flavor it is unsurpassed. The heads are of good size, and the rich, creamy color of the leaves never fails to attract attention. It is a strong grower of superior quality and most beautiful appearance. The fact that it will keep crisp and tender for a long time is another valuable feature in this new lettuce. Pkt. 10c; oz. 15c; $1 / 4-1 b$. $40 c$; 1 lb . $\$ 1.25$.

ALL THE YEAR ROUND-Heads are of medium size and very compact. The leaves, which are of a dark green shade, are tender and crisp. Pkt. 5c; oz. 10c; $1 / 4-1 \mathrm{lb}$. 25c; lb. 80c.

BUTTERCUP-This new cabbage Lettuce, in addition to tenderness and delicacy of flavor, is remarkable for beauty of foliage. It forms very solid heads, is early and durable, and its peculiar citron yellow leaves mark it as distinct from all other varieties. Pkt. Sc; oz. 10c; $1 / 4-1 b$. 25c; 1b. 80c.

DENVER MARKET-It is an early variety of head Lettuce, either for forcing or open ground. It forms large, solid heads of good light green color, and is very slow to run to seed. The leaves are beautifully curled and crimped and are very tender, crisp and of excellent and crimped and are very tender, crisp and

BOSTON CURLED-Of great beauty and superior quality. The fine, elegant frilling of leaves render it highly ornamental. Pkt. 5c; oz. 10c; $1 / 4-1 b$. 25c; 1b. 80c.

DRUMHEAD CABBAGE-This is also known as "Royal Cabbage" in some sections of the country, on account of the large cabbage-like head produced. It is an excellent sort for summer use, standing the heat well and invariably producing thick, tender leaves of good flavor. Pkt. 5e; oz. 10c; $1 / 4-1 \mathrm{lb}$. 25c; lb. 80c.

BIG BOSTON-(See cut.) One of the most valuable varieties for open ground or forcing in cold frames. The heads are extra large, solid and of the best quality. Market gardeners and truckers in all parts of the counMarket gardeners and truckers in all parts of the coun10 c ; $1 / 4$-1b. 30c; 1b. $\$ 1.00$.

HANSON-One of the finest. Heads very large, solid, tender, crisp and of excellent flavor. Stands the sun and drouth better than most varieties. Pkt. 5c; oz. 10c; 1/4-1b. 25c; 1b. 80c.

PHILADELPHIA BUTNTER-Pkt. 5c; oz. 10c; 1/4-1b. 25c; 1b. 80c.


WONDERFUL.
WONDERFUL-(See cut.) Introduced two years ago and continually growing in favor. The large, white heads resemble cabbage in their solidity and frequently weigh two and three pounds each. The quality is superb, being crisp, rich and tender. Pkt. Jc; oz. 10c; $1 / 4-1 b$. $30 \mathrm{c} ; \mathbf{1 b}$. $\$ 1.00$.

TENNIS RALL, WHITE SEEDED-Pkt. 5c; oz. 10c; 1/4-1b. 25e; 1b. S0c.

PRIZE HEAD-PKt. Јc; oz. 10c; 1/4-1b. 25c; 1b. S0c.
SIMPSOX EARLX CURLED-PKt. डc; oz. 10c; 1/4-lb. 25c; 1b. S0c.

MARKET GARDENER-The market gardener's favorite of late introduction. In quality it is as near perfection as can be found; forms a good, compact head; the outer leaves are a good golden yellow color. We heartily recommend this variety to market gardeners. It is also valuable for private use. Pkt. 10c; oz. 15c; 1/4-1b. 30c; 1b. \$1.00.

## Watermelons

WATERMELONS-Culture: These require a rich but rather sandy soil for the best results and give the largest returns in warm latitudes, although of late years they are being extensively grown in the Middle and Northern States for home markets. Give the same care as Musk Melons, but have the hills at least double the distance apart.


## GEORGIA RATTLESNAKE.

GEORGIA RATVLESNAKE- (See cut.) Standard Southern variety; oblong, flesh scarlet, crisp and juicy. A good shipper. Pkt. 5e; oz. 10e; $1 / 1 / 1 \mathrm{lb}$. 25e; lb. \%5e.

BLACK DIAMOND-Pecently introduced, and claimed by large growers to be one of the best market varieties ever offered. The fruits are of largest size, often welghing from $\tau 5$ to 100 pounds each. The color is a rich, deep greenish black, and the shape of the melons is deep greenish black, and the shape of the melons is to withstand rough handling. Flesh rich red. thick, firm, solid and sweet. The vines are vigorously productive and ripen the fruit extremely early for so large a variety. Pkt. 5c; oz. 10c; $1 / 4-1 b .20 c ; 1 b .60 c$.
DUKE JONES-Vिry large. dark green. flesh solid, deep red. A good shipper. Pkt. 5c; oz. 10c; 1/4-1b. 20c; lb. 60c.

BLACK SPANISH-Solid, very thin rind, fesh scarlet: sweet and luscious. A profitable variety for the market gardener. 1Pkt. 5c; oz. 10e; $1 / 1-1 \mathrm{~h}$. 20c; 11. ©0c.

CITRON-Grows uniformly round and smooth, striped and marbled with light green. Flesh white and solid, seeds red. This sort is not used for eating in the raw state, but for preserves, pickles, etc. Pkt. ic; oz. 10c; 1/4-1b. 20c; 1b. 50c.

DIXIE-Excellent quality, very large and solid; flesh red and intermediate. Pkt. Je; oz. 10c; 1/4-1b. 20c, ib. 60c.

FLORIDA FAVORITE-A splendid oblong melon ten days earlier than Kolb's Gem. Flesh red. of fine flavor and qualities. Pkt. Јc; oz. 10c; $1 / 1-1 \mathrm{~b}$. 20c; lb. 60c.

MOUNTAIN SWEET-Particularly adapted to cooler sections of the country. Pkt. 5e; oz. 10c; $1 / 4-1 \mathrm{lb}$. 20c; lb. 60 c .

HALBERT HONEY-A Texas melon and particularly adapted for our State. It greatly resembles the Kleckley Sweets, but is of darker color and more even and regular in shape. Can not be shipped great distances, as the rind is very brittle, but it is unsurpassed for homemarkets and family use. It grows from 15 to 30 inches long, is dark green, slightly ridged and blunt at the blossom and stem ends. The meat is sweet as honey, melting and leaves no trace of pulp. Brings always higher prices than any other melon on the market. Pkt. Јe; oz. 10c; $1 / 4-1 \mathrm{~b}$. 30c; 1b. \$1.00.


ALABAMA SWEET.
ALABAMA SWEET-This is a large, oblong melon: color, dark green with faint lighter stripes. Being of good size, though not ungainly, it is first-class for shipping purposes. Its flavor is simply delicious, it is entirely stringless, and its outside appearance is attractive. Its size and shape are such as to make it one of the best market melons, and we can not recommend it too strongly market melons, and we can not recommend it too strongly to the Southern planter. Fancy selected Southern grown
seed. Pkt. Je; oz. loc; $1 / 1-1 b$. 25e; lb. S5c; postpaid, by cxpress or freight, lb. -je; 10 llis. $\$ \mathbf{5} .00$.

ICE KING-The best flavored of the melon family; the melon for all sections. A good shipper and most productive melon ever offered. Grows to a good size, skin not thick, but very tough, and will stand almost any amount of rough usage; the meat is a rich scarlet, sweet and juicy. We offer selected seed of this variety. pkt. 10c; oz. 15c; $1 / \mathbf{1}-\mathbf{1 b} . \mathbf{3 0 c}$; 1b. $\mathbf{\$ 1 . 0 0}$.

IRON CLAD MAMMOTH-A good melon for all purposes; large size, flesh red. Good shipper. Pkt. 5c; oz. $10 \mathrm{c} ; 1 / 4-1 \mathrm{~b}$. 20c; 1b. 60c.

KLECKLEY SWEETS-Vines strong and vigorous: the fruits grow uniformly to quite a large size. oblong in form, 18 to 20 inches long and 10 to 12 inches in diameter, rather tapering at the ends. The skin is a rich dark green, while the flesh is a bright scarlet, ripening close to the skin. The rich, bright scarlet flesh is crisp, sugary and melting to the highest degree, being entirely free from any stringiness. Pkt. Je; oz. 10c; $1 / 4-11$. 30c; 11). $\$ 1.00$.

KOLB'S GEM-Very large. flesh red; popular in the South. Pkt. 5e; oz. 10c: $1 / 4-1 \mathrm{~h}$. 20c; 1b. 80c.

PHINNET'S EARIY-Extra early, medium size: oval very productive. Pkt. 5c; oz. 10c; $1 / 4-1 \mathrm{~h} .20 \mathrm{c} ; \mathrm{lb}^{2}$. 60c.

SWEETHEART-Vines vigorous and productive; very early. Fruit large, oval, heavy, solid. Pkt. 5c; oz. 10c; 1/4-1b. 25c; 1b. 75c.

## Muskmelons

MUSKMELONS-Culture: Select a light, sandy, rich soil, and after all danger of frost is over and the ground has become warm and dry, plant in hills four to five feet apart each way, six to twelve seeds to the hill. When up and all danger of insects is past, pull out all but three of the plants. Cultivate until the vines cover the ground and pinch the ends of the growing shoots to induce early fruiting. Ashes, lime, or even road dust is excellent to sift over the young plants when the dew is excellent to sift over the young plants when the dew is early use may be had by sowing in hotbeds or on pieces of sod or in pots. The seeds may also be started out of doors, under hand frames or glasses.

ACME-A splendid sort, grows to an enormous size; fine flavor, and one of the best for shipping purposes. Pkt. 5c; oz. 10c.

OSAGE-This variety has been in great demand for the past few seasons and the market gardeners state it brings the highest price in the market. It is almost round, medium size; flesh salmon colored; fine netted and of the most delicious flavor. It cannot be too highly recommended. Pkt. 5c; oz. 10c.
MISSOURI NUTMEG-A very desirable melon either for the table or market. Pkt. 5c; oz. 10c.


ROCKY FORD NETTED GEM MUSKMELON-(See cut.) Many carloads of this variety have been shipped in the last two years from the growers of Rocky Ford, Colorado, from which the name is derived, to all our large cities, and no Muskmelon ever sold so readily and brought such high prices as Rocky Ford. The fruits resemble the old Netted Gem, but are more oval in shape. skin green, slightly ribbed and heavily netted. The flesh is light green in color, thick, ripening clear to the rind, with a very small seed cavity. Very sweet and luscious of flavor. It is one of the earliest melons and exceedingly prolific. The Rocky Ford has become one of the most popular melons and it is unquestionably one of the best for market gardeners and shippers, as well as for the for market gardeners and ship

LARGE HACKENSACK-A popular market variety of large size. Vines vigorous, very productive; flesh green, thick, sweet and fine flavor. Pkt. 5c; oz. 10c.

MINNESOTA PERFECTION-This is the grandest Muskmelon ever introduced; grows to an enormous size, frequently weighing over 20 pounds. The flesh, which is exceedingly sweet, is of light green shade. The rind is exceedingly sweet, is of light green shade. The rind is
tough and stands shipping better than any variety we have ever grown. We cannot too highly recommend Perfection, either for private or market use. In productiveness it excels all others and many growers who have tried Perfection will raise no other kind. Pkt. 10c; oz. 15c.
COLUMBUS-A green-fleshed melon for general crop, and is a heavy yielder. The vines are strong and thrifty, and of a beautiful buff color. Skin is covered with a whitish netting making it a fine shipper. Pkt. 5c; oz. 10c.

EMERALD GEM-Too much cannot be said of the quality of this melon. It is deeply ribbed, smooth skin and of a deep emerald green color, flesh salmon, very thick and juicy. Its vines are strong growing and very thick and juicy. Its vines ar
productive. Pkt. 5c; oz. 10c.

NUTMEG GREEN-A medium-sized globular-formed variety, which is slightly ribbed; the skin is a rich, dark green and becomes a yellowish shade when overripe. Covered almost entirely with a broad, shallow netting. The flesh is thick, solid and of excellent flavor. In many parts of the country this is considered the best variety that can be grown for the local markets. Pkt. 5c; oz. 10c.
JENNY LIND-Small, round, extra early, finely netted, a good flavor; the earliest melon grown. Pkt. 5c; oz. 10c.


NETTED GEM-A very early, most delicious small melon; in form globular; flesh lightish green; very desirable. Pkt. 5c; oz. 10c.

TEXAS CANNON BALK-In shape it is almost round, and heavily netted; the flesh is light green and wonderfully sweet. Pkt. 5e; oz. 10c.

## Potato Slips Ready About April 1st

Every year we grow for our trade about 100,000 Pumpkin Yam potato slips. The price varies according to season, March delivery, $\$ 4.00$ per thousand, 10 c per dozen, 50 c per hundred. April delivery, $\$ 3.50$ per thousand.

## Tomatoes Ready About March 1st

For early planting try some of our fine and true plants grown from selected seed. Dwarf, Champion (tree tomato), Acme (tall variety), also Beauty and Stone. Price 10c per dozen, 35c per 100, \$2.50 per 1000 .

## Cabbage Ready About February 1st

Thousands of these plants are grown by us for early planting, such varieties as Early Jersey Wakefield, Early Winningstadt, Early Summer. Prices same as tomatoes.

Place orders early, as they are always short. 15 c per dozen; 75 c per hundred.


FOR FRESH ONION SEED TRY OUR FANCY SELECTED TRUE SEED-NONE BETTER.
onions-Culture: For the best results this vegetable should have a rich, deep loamy soil, but can be raised on almost any land with the exception of stiff clay or gravel. Early in the spring level the ground and tread firmly; then sow the seed in drills about one-quarter of an inch deep and one foot apart, covering lightly with an inch deep and one foot apart, covering lightly with firmly, either with a light roller or the back of a spade. When the plants are large enough, thin out gradually until they are about three inches apart. Frequent hoeing and keeping the ground free from weeds are necessary to produce a good crop. Care, however, should be taken not to stir the earth too deeply. Our seed is of the best quality and we know from years of experience as onion seed growers that better seed cannot be had at any price. Five or six pounds to the acre is the quantity required to grow large onions, while for pickles, or sets, the amount needed is fifty or sixty pounds.

AUSTRALIAN BROWN-Of medium size, wonderfully hard and solid; ripens very early; a fine keeper. Pkt. 5c; oz. 10c; $1 / 4-1 \mathrm{~b}$. 50c; 1b. \$1.75.

SELECTED RED WETHERSFIELD-Minnesota grown. (See cut.) We confidently recommend this strain of this favorite onion as the very best ever offered the gardeners of America, and believe we are fully justified in making this claim. It grows with unusual regularity, and yields of over 1,000 bushels per acre have been reported to us from rarious sections. Onions weighing from one to two pounds each are frequently grown from our selected two pounds each are frequently grovivn from our selected
strain in one season from seed. While not so early as Red Wonder, it is of a larger size and therefore more extensively grown by garaeners who ship to distant markets. The flesh is a pure white, fine grained and of good flavor; skin purplish red. Our selected strain of Red Wethersfield is worth twice as much as that usually sold by other seedmen, and no gardener can afford to be without it. Pkt. $\mathbf{5 c}$; oz. 20c; 1/4-1b. 60c; 1b. \$2.00.

YELLOW FLAT DANVERS-An excellent variety, differing from the Globe strain in shape only, being more flat. The quality is excellent, and it makes a most desirable variety for keeping purposes. Pkt. 5c; oz. 10c; 1/4-1b. 45c; 1b. \$1.80.

EXTRA EARLY RED FLAT-(See cut.) An early variety that is highly prized in the Middle and Northern States on account of its fine appearance and quick growth. The bulbs are of medium size, rich red in color, flat in shape, and the flesh is solid, fine grained and good quality. It ripens somewhat earlier than Red Wethersfield and by many growers is preferred to that well-known sort. Pkt. 5c; oz. 15e; $1 / 4-1 \mathrm{lb}$. 60c; 1b. $\$ 2.00$.

RED GLOBE SOUTHPORT-This strain of Red Globe Onion which we offer is far superior to that usually sold at the present time, as it produces splendid globe-shaped bulbs of handsome appearance, and the best keeping qualities. There is probably no other red sort which commands a higher price on the market, as its rich purplish crimson color makes it exceedingly attractive. Pkt. 5c; oz. 15 c ; $1 / 4-1 \mathrm{~b} .60 \mathrm{c}$; 1b. $\$ 2.00$.

YELLOW GLOBE DANVERS, OR STRASBURG-This strain of Globe Danvers is equal to any usually sold and strain be relied upon as a first-class cropper in every way. Pkt. 5c; oz. 15c; $1 / 4-1 \mathrm{~b}$. 50 c ; 1b. $\$ 1.50$.

PHILADELPHIA SILVER SKIN-This is a good, sound white onion and extensively used for the production of white sets. We offer a strain that has been carefully saved and cannot fail to give satisfaction. Pkt. 5c; oz. 20c; $1 / 4-1 b$. 60c; 1b. $\$ 2.00$.

WHITE PORTUGAL-Very large and handsome. Flesh firm, fine grain, of mild flavor. Pkt. 10c; oz. 25e; 1/4-1b. 75c; 1b. \$2.50.

GIANT ROCCO OR RED WONDER-The earliest and best red onion for America. The handsomest, finest flavored, earliest and most profitable red variety that can be grown. It cannot be too highly recommended for our Southern States. For some years past we have experimented with all the different varieties of red onions for mented with all the different varieties of red onions for strain that by actual tests has proven to be from ten days to two weeks ahead of Red Wethersfleld. This alone will at once recommend it to the large growers, but in addition to this valuable point there are many others, such as fine shape, good flavor and wonderful keeping qualities. These will immediately stamp it as the coming red onions for all sections of the country. We believe it will soon take the place of Wethersffeld, Red Globe and all other kinds of its color-as soon as once tested by those growing the old varieties. In this latitude it will ripen about the middle of July. In good seasons it will produce from 900 to 1,100 bushels per acre. Pkt. 10c; oz. 15c; $1 / 4-11$. 75c; 11. 82.00.

PERFECT PICKLING ONION-Without a doubt the best of all varieties for pickling purposes. It grows rapidly, making the most desirable of all onions for this purpose. The onion is white. slightly flattened and exceedingly handsome, making it valuable for bunching, to be sold at the market. It is free from the tough, coarse flesh so often found in small onions, and is of such a delicate flavor that it can be eaten raw with salt like radishes. Pkt. 10c; oz. 20c; $1 / 4-11$. 60c; 11. $\$ 2.00$.

## ONIONS—Continued



WHITE PEARL EXTRA EARLY-The earliest of all the white rarieties. Grows to an immense size, and is of a beautiful waxy white color; flesh mild and of a delicious flavor. It grows with remarkable rapidity, reaching the first season, from seed, the enormous weight of four pounds each, and frequently measures seven or eight inches in diameter. If you are in want of an early White onion, grow Extra Early Pearl. Its immense yield and fine quality will please you. Pkt. 16c; oz. 25c; $1 / 4-1 \mathrm{lb}$. 75 c ; 1b. \$2.25.

WHITE BERMUDA-Mild flavored; color white. otherWise same as Red Bermuda. Pkt. 5c; oz. 20c; 1/4-lb. 70c; 1b. \$2.20.

RED BERMUDA-Same as above except in color. Pkt. 5c; oz. 15c; $1 / 4-1 \mathrm{~b}$. 55 c ; 1b. \$2.00.

THE MAMMOTH SILVER KING-This variety has been extensively cultivated in all sections for the past five years, and has given perfect satisfaction. The skin is a silvery white, and the flesh pure white and of a particularly mild and pleasant flavor. It cannot be too highly recommended for family or market use. Single bulbs of this variety have grown to weigh four pounds. The bulbs are flattened in form, but quite thick and frequently measure over twenty inches in circumference. Pkt. 5c; oz. 15e; 1/4-1b. 50c; 1b. \$2.00.

Don't fail to sorv Red Wethersfield. Splendid shape, fine qualits, immense vields, most profitable.

## ONION SETS

ONION SETS-(See cut.) Onion sets should be planted out as soon as the ground is in condition to work, early in the spring. They should be planted in rows one foot apart, With sets 3 to 4 inches apart in the row. Notice: Prices by the bushel are subject to fluctuation of this market, but the prices quoted on quarts will hold good throughout the season, or as long as our stock allows.


THE BEST ASSORTED ONION SETS.
WHITE BOTTOM-Pt. 20c; qt. 35c; pk. $\$ 1.00$; bu. $\$ 3.50$. RED BOTTOM-Pt. 29e; qt. 35c; pk. S5e; bu. \$3.00. FFLLOW BCTTON-Pt. 20c; qt. 35e; pk. S5c; bu. $\$ 3.00$.

## PARSLEY

PARSLEI-Culture: A rich and tolerably deep soil is the best for this crop. Soak the seed for a few hours in tepid water and sow in the early spring in drills one foot apart. Thin out the plants to 3 or 4 inches apart. A single row forms a rery good edging for beds or walks. As the seed germinates very slowly, sometimes two or three weeks will elapse before the plants make any ap-
pearance. We desire to call particular attention to our Extra Curled, which is a most desirable variety.

CHAMPION MOSS CURLED-A very select stock; the leaves are curled and crimped. Pkt. je; oz. 10c; $1 / 4-1 b$. 25c; 1b. \$1.00.


## EXTRA CURLED.

FERN LEAVED-A most valuable plant, both for table decoration and mixed with dwarf ornamental foliage plants in the flower garden. Pkt. 5c; oz. 10c; 1/4-1b. 25c; 1b. $\$ 1.00$.

EXTRA CURLED-(See cut.) A most desirable free growing variety of medium size. With bright, pale green leaves that are exceedingly handsome. For garnishing and for decorating it surpasses any other varieties we have ever grown. Valuable for private gardens or market use. PKt. $\mathbf{5 c}$; oz. 10c; $1 / 4-1 \mathrm{lb}$. 25c; 1b. \$1.00.

## PARSNIPS

PARSNIPS-Culture: Parsnips give the best results When grown in a rich, deep sandy soil, but will make fair progress on any other soil which is rich, deep and porous. The mistake of having too much fresh manure is often made; this simply serves to force the growth,


## PARSNIPS-Continued.

and frequently produces roots which are coarse and of rough shape. The seed germinates slowly and should be sown early in the spring in drills about 2 feet apart, covering about one-half inch deep. Thin out to 4 or 5 inches apart and hoe and cultivate often.

HOLLOW CROWN-A standard sort. Pkt. Ec; oz. 10c; $1 / 4-1 \mathrm{~b}$. 15c; 1b. 60c.

IMPROVED GUERNSEY-Roots white, very tender, with a clear, smooth skin. Pkt. 5c; oz. 10c; $1 / 4-1 \mathrm{lb}$. 15c; 1b. 60c.

## OKRA

OKRA-A vegetable that is extensively grown for its green pods, which are used in soups, stews, etc., to which they impart a rich flavor and are considered nutritious. Sow the seed thickly in rich ground about the middle of April, or when the ground has become warm, in drills 3 feet apart and 1 inch deep; thin out to ten inches apart in the drills.

TALL GREEN-Long, slender pods, light colored; keep edible a long time and are very tender. Pkt. 5c; oz. 10c; $1 / 4-1 \mathrm{~b}$. 20c; 1b. 50c.

VELVET PODS-It is distinct in appearance, the pods are perfectly round, smooth, of an attractive white velvety appearance, and of superior flavor and tenderness. Pkt. 5c; oz. 10c; $1 / 4-1 b$. 20c; 1b. 60c.

## PEPPERS

PEPPPERS-Culture: Seeds may be sown in hot beds or cold frames and transplanted about the middle of May In sunny location in rows 18 inches to 2 feet apart. For later use sow in the open ground in the early summer

after the weather has become settled and the earth warm and transplant when the plants are about 4 inches in height. They prefer good, rich, mellow ground, and the earth should be well pulverized to the depth of $\delta$ or 10 inches.

SWEET MOUNTAIN- (See cut.) Plants of upright vigorous growth and very productive. Pkt. 10c; oz. zoc; $1 / 4-1 \mathrm{~b}$. 65c; 1b. \$2.60.
GIAN'T CHINESE PEPPER - A very large, fine, mild red pepper. Not only is it immensely productive for so large a pepper, but its enormous size and magnificent appearance makes it sell most rapidly. The plants are vigorous in growth, well branched and thickly set with enormous fruits. Fruit blocky, 4 to 5 inches broad, color brilliant scarlet. Plit. 10c; oz. 40c; $1 / 4-1 \mathrm{~b}$. $\$ 1.50 ; 1 \mathrm{~b} . \$ 5.00$. LARGE HELL——Pkt. Јe; oz. 20c; $1 / 4-1 \mathrm{~b}$. 60c; 1b. $\$ 2.00$. LONG RED CAYENNE—Pkt. Je; oz. 20c; $1 / 4-1 \mathrm{lb}$. 60c. RED CHILI—Pkt. Je; oz. 25e; 1/4-1b. 75e; 1b. 82.00.

PEAS


ABUNDANCE
PEAS-Culture: A week may be gained in earliness by sowing a quantity in moist sand, placed in a box in the cellar and planting outside when well sprouted.

## PEAS-Continued

Light, dry soil, not over rich, suits the pea. Sow as early as the ground can be worked, and again every two weeks for succession up to the first of June, after which there is danger of mildew. Sow in single or double rows from 4 to 6 feet apart, according to the different heights, about an inch apart in the row, and 4 inches deep. In summer sow 6 to 8 inches deep. In this climate the extra early peas, if planted from the 15 th of July to the 1st of August, will produce a fair crop for fall picking, when peas are most acceptable. Hoe often. The fall sorts bear more freely by pinching in.

## Extra Early Sorts



## FIRST AND BEST

FIRST AND BEST-A vigorous growing, hardy, extra early sort, about $21 / 2$ feet in height, unbranched, usually bearing from 5 to 7 pods each, filled with smooth peas of the best quality. It ripens with such uniformity that they may be picked clean with two pickings. Pkt. 10c; pt. 20c; qt. 35c; pk. \$2.00.

ALASKA-(See cut.) Undoubtedly one of the very earliest that can be grown, and a great favorite with market gardeners. The vines are of strong, vigorous habit, about 2 to $21 / 2$ feet in height, and bear from 4


TRY OUR ALASKA-YOU WILL BE PLEASED. to 7 feet long, pods that are always filled with medium sized peas of the most delicious flavor. The pods are of a dark green color, and the peas when ripe are rather small and of a bluish green shade. As it matures all the crop at one time, it is invaluable for large growers on account of the ease with which they may be gathered. Pkt. 10c; pt. 20c; qt. 35c; pk. \$2.00.

## Early Dwarf Sorts

AMERICAN WONDER-Until the introduction of Nott's Excelsior this was the earliest of all the wrinkled varieties. It is of dwarf habit, only grows about 10 or 12 inches high, but always produces a profusion of well filled pods of the richest flavor. Peas planted in March mature in 33 days. This is certainly a good record and one that can't be equalled by many varieties. The quick growing, healthy habit of American Wonder has made it a great favorite for both market and home gardens. Our stock is selected with the greatest care. Pkt. 10c; pt. 25c; qt. 45c; pk. \$2.25.

NOTT'S EXCELSIOR-Grows 15 inches high, and is claimed by the introducer to be the earliest and best Dwarf Wrinkled Pea ever introduced. It is extensively grown through the East, where by many gardeners it is considered far more desirable than the American Wonder. The vines are strong in growth, producing pods of der. The vines are strong in growth, producing pods of in different sections show that it can be made to mature in 45 days from planting of seed. For the home garden it cannot be too highly recommended. Pkt. 10c; pt. 25c; pk. \$2.00.

McLEAN'S LITTLE GEM-The market gardeners' favorite; grovis about 15 inches high; the pods are large and peas very sweet. Pkt. 10c; pt. 25c; qt. 45c; pk. \$2.00.

IMPROVED TOM THUMB-Very dwarf in habit; it grows to the height of 9 inches. The peas are small, white, round; very productive. Pkt. 10c; pt. 25e; qt. 45c; pk. \$2.00.

## Medium and Late Dwarf Sorts

ABUNDANCE-A variety that is desirable for main crop or late use. The vines are of healthy habit, about 18 inches in height, bearing at the top from 6 to 9 pods. The peas are wrinkled, extra large and of the finest quality. It may truly be termed everbearing, as it continues to produce peas in great profusion for several weeks, and is therefore exceedingly desirable for home use. Pkt. 10c; pt. 20c; qt. 35c; pk. \$2.00.

ADVANCE-A great favorite and largely used by market gardeners. Pods large, well filled, borne at the top of the stalk; very vigorous in growth; height 2 feet; seed green, wrinkled. Pkt. 10c; pt. 25c; qt. 45c; pk. \$2.00.

PRIDE OF THE MARKET-Elegant habit of growth, pods remarkably long, slightly curved, well filled and of fine flavor; height 2 feet; seed wrinkled. Pkt. 10c; pt. 25e; qt. 45c; pk. \$2.00.

## Medium and Late Tall Sorts

BLACK EYE MARROWFAT--Similar to White Marrowfat, exception the matured seed have a distinct black eye. Pkt. sc; pt. 20c; qt. 35c; pk. \$1.25.
BLACK EYE PEAS-No garden is complete without these. They are used green as salad, green hulled, and dry the whole year round; plant between corn after last cultivating, or in rows 4 to 6 feet apart, and they will take care of themselves. Pkt. 5c; pt. 25c; qt. 40c; pk. $\$ 1.25$.
TELEPHONE-Valuable for general crop and late use. The vines are of vigorous growth, usually attaining a height of about 4 feet, and averaging from 18 to 20 pods to the stalk. The pods are always of extra large


OUR PEAS ARE THE CLEANEST STOCK ON MARKET.
size, packed very closely with mammoth peas of the most desirable sort that has ever been introduced for the home garden on account of its enormous yield and excellent quality. Pkt. 10c; pt. 25c; qt. 35c; pk. \$2.00.
TALL WHITE MARROWFAT-Hardy, strong and vigorous; broad, thick pods, borne near the top of the vine: the seeds are large, smooth, round. Pkt. 10c; pt. 25c; qt. 45c; pk. \$2.00.

CHAMPION OF ENGLAND--The favorite late variety. No pea ever offered has so perfectly pleased the gardener as this famous late sort. It is almost certain to bear heavily, even under the most adverse circumstances, and its healthy habit of growth and fine quality recommend it for both home and market gardeners. The Champion of England grows to a height of about 4 feet; although in some seasons it has reached the height of 6 feet, and was covered from top to bottom with pods well filled with peas of the most delicious flavor. This is certain to keep you supplied with an abundance of peas of the best quality during the whole season. Our stock of Champion of England is as pure a type as can be obtained, and sure to produce the best results. Pkt. 10c; pt. 25c; qt. 35c; pk. \$2.00.

## RADISHES

RADISH-Culture: The radish is cultivated for its root, which should be eaten when young and tender, as in maturing it becomes strong and pithy. It should be sown for early use as soon as the ground can be well prepared, and for a succession, at intervals of two or three weeks throughout the season, in rich, loose, warm three weeks throughout the season, in rich, loose, warm
soil, as the quality depends largely on its rapid growth. soil, as the quality depends largely on its rapid growth. row by using the largest ones as soon as of sufficient size for the table. Keep free from weeds and well watered. In the heat of summer select a cool shady place.

DEEP SCARLET-(Forcing.) Globe shaped, early and very fine. Pkt. 5c; oz. 10c; $1 / 4-1 b$. 20c; 1b. $75 c$.

NON PLUS ULTRA-(Forcing.) Extra early, scarlet, short leaved. Pkt. 5c; oz. 10c; $1 / 4-1 b .20 c ; 1 b .75 c$.

QUEEN OF THE MARKET-(Forcing.) The earliest turnip-shaped Radish on the market. A rapid grower, being ready for use a week or ten days ahead of the Early Scarlet Turnip, and remains crisp and tender longer than any Radish of its shape. Pkt. 10c; oz. 15c; 1/4-1b. 30c; 1b. \$1.00.

SCARLET TURNIP-(Forcing.) Very early, small, round. Fkt. 5c; oz. 10c; 1/4-1b. 25c; 1b. 60c.

SCARLET TURNIP, WHITE TLP-Scarlet, with white tip. Fine for marketing. Pkt. 5c; oz. 10c; 1/4-1b. 25c; 1b. 60 c .

TRIUMPH-(Forcing.) A very desirable addition to our forcing sorts. Roots about the shape of Scarlet Turnip, white tip, but are creamy white, beautifully marked with spots and dashes of carmine. The tops are small. Desirable on account of its distinct beauty, earliness and good quality. Pkt. 10c; oz. 15c; $1 / 4-1 b$. 30c; 1b. 90c.

FRENCH BREAKFAST- (Forcing.) The market gardener's favorite; color pink and white; crisp, tender and a good keeper. Pkt. Jc; oz. 10c; $1 / 4$ 1b. 20c; 1b. 75c.

## Long and Red Varieties

LONG BRIGHTEST SCARLET-(See cut.) A new variety resembling Early Long Scarlet in shape and size. Very early, being fit to use in 24 days after sowing. It is the brightest scarlet we have ever seen in a radish; tips white, a rapid seller on the market. Pkt. 5c; oz. 10c; $1 / 4-1 b$. 25c; 1b. $75 c$.


LONG HRIGHTEST SCARLET.
CHARTIER-The color at the top is a bright crimson, changing to a pink at the center and from thence downward it is a pure waxy white. Pkt. 5c; oz. 10c; $1 / 4-1 b$. 20c; 1b. 75c.

LONG SCARLET SHORT TOP-The standard long variety for market and home gardens; root long and growing partly above ground; straight. smooth; rich scarlet; very crisp and a grower. Pkt. Je; oz. 10c; 1/4-1b. 20c; 1b. 75 c.


OUR NEVER FAIL SCARLET GLOBE.
SCARLET GLOBE-(Forcing.) Roots almost round, flesh solid, crisp and tender. Pkt. 5c; ox. 10c; 1/4-1b. 20c; 1b. 75 c .

## Late and Hot Varieties

STRASBURG-Grows to an immense size, and can be used at almost any stage of its growth. The roots when fully matured often measure 5 inches long and over an inch in diameter, being crisp and tender and of fine flavor. Ukt. Јe; ez. 10c; 1/4-1b. 20c; 1b. 60c.

WVHITE LADY FINGERS—Pkt. Sc; oz. 10c; 1b. 75c.
ROUND BLACK SPANISH-Pkt. 5e; oz. 10c; 1b. 75c.
LONG WHITE SPANISH—PKt. 5c; oz. 10c; lb. 75e.

## PUMPKINS

PUMPKINS-Culture: Pumpkins may be planted in the middle of spring among corn or in the field or garden, in hills 8 to 10 feet apart each way, four seeds in a hill. In all other respects they are given the same cultivation as melons and cucumbers, but care should be taken to avoid planting them near other vines. In growing the Mammoth Tours, make the ground as rich as possible and top dress the hill with well rotted manure, and if possible give the plants plenty of water during the dry season. This will assist in the growth greatly.

CONNECTICUT FIELD-(See cut.) A very productive old standard sort that is grown almost exclusively for stock feeding purposes. Pkt. 5c; oz. 10c; 1/4-1b. 15c; 1b. 60c.


CONNECTICUT FIELD.
CASHAW-Very popular in the Southern States. In shape it is long and with a crooked neck, color yellow. The flesh is very solid, fine grained and sweet. Pkt. 5c; oz. 10c; $1 / 4-1 \mathrm{~b}$. 20c; 1b. 75c.

KING OF THE MAMMOTH-A perfect giant, often growing to weigh from 100 to 150 pounds. Skin thin, bright red; flesh thick and of fair quality for a Pumpkin attaining such a size. Pkt. 5c; oz. 15e; 1/4-1b. 50c.

## PUMPKINS-Continued

JAPANESE PIE-This valuable variety comes to us from Japan, and has proven to be a decided acquisition, being particularly desirable for cooking purposes. It will make the finest pumpkin pies imaginable, as the flesh is very fine grained, thick, and of the most delicjous flavor. Pkt. 5c; oz. 10e; $1 / 4-1 \mathrm{~b}$. 25e; 1b. \$1.00.
LARGE CHEESE, OR KENTUCKY FIELD-Very popular and productive; fruit flattened; skin mottled light green and yellow, changing to rich cream color as it matures. Flesh yellow, thick, tender, nutritious and of excellent quality. Pkt. 5c; oz. 10e; $1 / 4-1 b$. 15c; 1b. 50c.
MAMMOTH TOURS-Very productive and of enormous size. Flesh thick and sugary, fine for table use. Pkt. 5c; oz. 10c; 1/4-1b. 25c.
TENNESSEE SWEET POTATO-The best variety for home gardens. They are almost pear-shaped, growing to a large size, are slightly ribbed and the skin is of a creamy white. The flesh is thick, of a yellowish white color, dry, fine-grained and of a sweetish flavor. Vines are enormously productive. Pkt. 5c; oz. 10c; $1 / 4-1 b$. 25e; lb. \$1.00.

SUGAR-Although many varieties have been introduced in the past few years, there is none that is more popular for general use. It grows to an average weight of five pounds. Yields enormously, ground being literally covered with golden fruit. It is not only very desirable for table use, but in many sections extensively grown for stock feeding, as tests have proven that when fed to cows it increases and greatly enriches the quality of milk. Pkt. 5c; oz. 10c; $1 / 4-1 \mathrm{~b}$. 20c; 1b. 75c.

## SQUASH

YELLOW SUMMER CROOKNECK-A small crooknecked sort. Skin bright yellow; very early and productive. Pkt. 5c; oz. 10e; $1 / 4-1 b$. 20c.

MAMMOTH WHITE BUSH, SCALLOPED-Grown almost exclusively for first crop, as they ripen very early and are particularly desirable for early marketing. The skin and flesh are pure white. Pkt. 5c; oz. 10c; 1/4-1b. 20c.

EARLY WHITE BUSH-Same as above, except in color. Pkt. Je; oz. 10c; $1 / 4-1 \mathrm{lb}$. 20c.

CROOKNECK CANADA-A small, well-known sort of excellent quality. Pkt. 5c; oz. 10c; $1 / 4-1 b$. 20c; 1b. 60c.

GOLDEN HUBBARD-A general favorite of large size. Color bluish green; flesh dark yellow; fine grained, dry and sweet. Very productive. Will keep perfectly until spring. Pkt. 5c; oz. 15c; $1 / 4-1 b$. 35c; lb. $\$ 1.25$.

CHICAGO WARTED HUBBARD-This is similar in size and quality to the well-known Hubbard. The vines are fully as vigorous and productive, while the dark olive green fruits are rather more heavily warted. Very handsome in appearance. An excellent keeper. Pkt. 10c; oz. 15c; $1 / 4-1 \mathrm{~b}$. 35c.

## RHUBARB

RHUBARB-Culture: Rhubarb gives the best results when grown in deep, rich soil that has been worked to a depth of at least one foot. Sow in drills one inch deep and thin out the plants to 6 or 8 inches apart. Transplant plants in the early fall, setting them about 4 feet apart each way, and give a dressing of coarse manure each spring. The stalk should not be plucked until the second year, and the plant never allowed to exhaust itself by running to seed. As will be noticed, we offer carefully saved seed, and want to call special attention to our Monarch Rhubarb, which is giving such splendid results.

VICTORIA-The finest market variety, producing large, thick, heavy stalks in rich soil. Pkt. 5e; oz. 15c; 1/4-1b. 50c; lb. \$1.50.

LINNEAUS-A standard variety. Pkt. 5c; oz. 15c; 1/4-1b. 50c; Ib. \$1.50.

## MUSTARD

MUSTARD-A small, pungent salad used with cress; the seed is also used for flavoring pickles, pepper sauce, etc. Culture: For salads, sow thickly in shallow drills 6 inches apart, or in frames or boxes during the winter where frost can be partially excluded. Successive sowings may be made every week or two. To grow seed sow in April in rows one foot apart, and thin out to 3 inches apart when 2 inches high.

SOUTHERN GIANT CURLED-The best for greens and the most popular mustard in the South. None better. Pkt. 5c; oz. 10c; $1 / 4-1 \mathrm{~b}$. 15e; $\mathbf{1 b}$. 60 c .

OSTRICH PLUME-A distinct "sort. The plants are of vigorous growth, the beautiful dark green leaves curve outwardly like an ostrich plume. The edges are as finely curled as the best double curled parsley. Pkt. 10e; oz. 15e; $1 / 4-1 \mathrm{~b}$. 25e; 1b. 75c.

CHINESE BROAD LEAF-Pkt. 5c; oz. 10c; lb. 40 c .


## SPINACH.

## SPINACH

SPINACH-Culture: Sow in early spring in drills a foot apart, every two weeks for a succession, and, as it grows, thin out for use. Keep clear of weeds. Sow in hills three feet apart each way, three or four seeds in a hill. This is fit for cutting all summer. For fall use sow in August and for winter crop in September. Cover that which is left out over winter with straw or leaves after the weather becomes quite cold.
CURLED BLOOMSDALE, OR LONG STANDING SPIN-ACH-Produces nearly twice the weight of crop as other varieties and has further merit in the fact that it is the hardiest of all varieties of spinach. Pkt. 5e; oz. 10e; 1/4lb. 15c; 1b. 40 c .

SAVOY LEAF-Heavy, broad, green leaves of fine quality, valuable for spring planting and remains in excellent condition two weeks after most other sorts have run to seed. Pkt. 5c; oz. 10c; $1 / 4-1 \mathrm{~b}$. 15e; 1b. 35e.

## DILL

DILL_Everybody knows what dill is; no vegetable garden complete without it. Pkt. 5e; oz. $10 c$.

## SALSIFY

SALSIFY OR VEGETABLE OYSTER-Culture: Sow as early as the ground can be worked in the spring, in drills 12 inches apart, one inch deep, and thin out to six inches in a row. Keep them free from weeds. Cultivate the same as for carrots and parsnips. A part of the crop may be left in the ground until spring, when it will be found fresh and plump.

MAMMOTI SANDWICH ISLAND-A large and superior variety. Pkt. 5c; oz. 15e; $1 / 4-1 b$. 45c.

## TOMATOES

TOMATOES-Culture: Sow in hotbeds in early spring, or the seed may be sown in shallow boxes and placed in a window, where one does not wish to have the trouble of making a hotbed. Transplant in the open ground when all danger of frost is past, setting the plants three or four feet apart each way. Some support should be provided for the vines to keep the fruit from touching the ground; brush, hay or anything of the sort will answer the purpose, or they may be tied to stakes. Fruit may be had several weeks earlier by sowing the seed quite early and transplanting to small pots; When these are filled with roots, shift to a larger size, and transplant to open ground when weather is warm and settled, shading from sun a day or two. As the roots are not disturbed in taking plants from the pots, the plants suffer no check, but grow right on. Our Dwarf Champion requires no support at all, and produces a most delicious Tomato, solid and of best flavor.

## TOMATOES－Continued

BEAUTY－Of a very glowing crimson in color and with a slight tinge of purple．It attains its size later in the season than the Acme and other good sorts．It has yielded one－third more than the Acme．In shape is per－ fectly spherical．It has a thick skin，and hence is not so liable as some of the other varieties to crack just after a rain．It has more solid flesh and fewer seeds than average kinds，and is less inclined to rot．Pkt．5c； oz． $\mathbf{1 5 c} ; 1 / 4-1 \mathrm{~b}$ ．50c．

ACNE－The old standard variety．Many gardeners in this vicinity will grow no other sort than this old stand－ ard tomato．It is a sure cropper and quite early for a tomato of its size．The color is a crimson－tinted，with a light pinkish shade．Flesh solid，fine grained and of good quality．It，like many others of the old sorts，is really very desirable for general use，and is，therefore， extensively grown by gardeners．Our seed is selected． Pkt．5c；oz．20c；1／4－1b．50c；1b．\＄1．75．

CHAMPION DWARF－Most distinct and valuable．Of dwarf，stiff habit，scarcely needing any support；very early and prolific；color same as Acme；perfectly round， smooth and medium size．Pkt．Je；oz．25e； $1 / 4-1 \mathrm{~b}$ ．Sue．


TOMATO PONDEROSA．
Our Tomato Seed is Our Pride．
PONDEROSA－The largest sort in cultivation．Pkt． 5c；oz．30c； $1 / 4-1 \mathrm{~b}$ ．$\$ 1.00$ ．

CRIMSON CUSHION－This variety is of immense size， almost deedless，fiesh solid，ripens thoroughly，a good shipper，and unsurpassed for table use．The color is brilliant scarlet crimson．Pkt．10c；oz．30c； $1 / 4-1 b . \$ 1.00$.

FAVORITE－Large size，ripens evenly and early；very prolific；a good shipper．Pkt．5c；oz．20c； $1 / 4-1 b$ ．50c； 1b．$\$ 1.75$ ．

MIKADO－One of the largest，most productive，most solid and best marketing tomatoes that has ever been introduced．The fruit，which often weighs $11 / 2$ to 2 pounds each，ripens early，and is of the sweetest flavor． Color of tomatoes when fully ripened is a rich brigh red．We heartily recommend it to all growers and es－ pecially those who desire large tomatoes for market pur－ poses．Pkt．5c；oz．20c； $1 / 4-1 \mathrm{~b} .75 \mathrm{c}$ ．

NEW CENTURY－This is a distinct sort．The fruits are of uniform size and form，very large，apple shaped almost round．of a beautiful bright scarlet color，as smooth as glass and always free from cracks．They have a very small seed cavity with comparatively few seeds．The solidity and firmness of flesh makes it one of the best sorts for shipping；they are also wonderful keepers．The flavor is excellent．and free from acidity The fruits ripen very early，and are borne in large clus－ ters in great abundance until killed by frost．The vines are very vigorous and of healthy growth．Drouth and blight do not affect them．New Century is the best for family or market gardeners＇use．Admirably adapted for canner＇s use．I＇kt．Јc；oz．25c；1／1－1b．\％ちc．

NEW STONF－Fruit large and deep，bright scarlet smooth，ripening evenly to the stem without a crack； very solid and firm fleshed；of the finest quality．Con－ sidered one of the best varieties for general use．Pkt． 5c；oz．20c；1／1－11）．\％5c．

MATCHLESS－A standard main crop，bright red va－ riety，producing enormous crops of finest scarlet fruits Tomatoes are very large，perfectly smooth，with fewer seeds than most other varieties．Pkt．10c；oz．20c； $1 / 4-1 \mathbf{b}$ ． $\% \mathrm{~F}$ ．

PERFECTION－Preferred by many to any other sort， and is extensively grown by gardeners who raise fruit for the canning factories．It is invariably smooth and of a handsome deep blood red；flesh is thick；almost core－ less．Pht．б́；oz．20c； $1 / \neq 1 \mathrm{lb}$ ．50c．

HOYAL RED－Vines stronger and more vigorous than the Favorite．The fruit is larger，brighter，deeper red and fully as good in quality．This is certainly a fine tomato for those who prize large size and bright color 1＇kt．Je；oz．15c；1／4－11．50c

TROPHY SELECTED－One of the old standard sorts the fruit is a very large unusually smooth，solid，of good flavor；color a deep rich red．Pkt．5e；ox．20c；1／4－lb．Ј0c； 1b．$\$ 1.75$.

WALDORF－This is a new variety said to possess sterling qualities which render it particularly valuable for the home garden．The fruit is large．of perfect shape，smooth．The flesh is very solid，of dark rose color and of the finest quality．It is medium early and enormously productive．Pkt．10c；oz．25c；1／1－1b．S5c．

## Small Fruited Sorts

CHERRY RED－Fruit small size，round，smooth and solid；used for pickles．Pkt．5c；oz．30c； $1 / 4-1 b$ ．75c；1b． $\$ 2.25$.

PEAR YELLOW－Same as Red Cherry，excepting in color．Pkt．5c；oz．30c； $1 / 4-1 \mathrm{~b}$ ．75c；1b．$\$ 2.25$.

PLUM YELLOW－This is a leading sort for preserves． The vines are of strong growth，very productive，fruit ing in clusters．Plit．5c；oz．30c； $1 / 4-1 \mathrm{~b}$ ． 75 c ；1b．\＄2．25．

## TURNIPS

TABLE TURNIPS－WHITE FLESH SORTS－One ounce to 150 feet of drills； $1 / 4 \mathrm{lb}$ ．to transplant for one acre Prices quoted on this page include the pre－payment of postage by us．If wanted by express or freight，deduct 10c per pound．Culture：Turnips grow best in highly enriched sandy，gravelly or light loamy soil．Commence sowing the earliest varieties in April，in drills from 12 to 15 inches apart，and thin out early to 6 or 8 inches in the rows．For a succession sow at intervals of a fort night，until the last week of July，from which time to the end of August sowing may be made for the fall and the end of crops．

CHAMPION EXTRA EARLY－Without exception the finest flavored and best keeping extra early sort that can be secured for home gardens．Flesh pure white．solid tender and sweet．Pkt． $5 c ;$ oz． $10 c ; 1 / 4-1 b .20 c ; 1 b .60 c$.

FLAT DUTCH OR CRYSTAL WHITE－The best variety ever introduced for table use．Flesh is solid，crisp，fine grained and sweet，and almost round．In ordinary sea－ sons it will mature in six weeks．If you wish a splendid table turnip you will find the Crystal White all that can be desired．Pkt．Sc；oz．10c；1／4－1b．20c；1b．60c．

MILAN EXTRA EARLY PURPLE TOP—Flesh solid white，fine grained and of the choicest quality．Pkt．5c； oz．10c； $1 / 4-1 \mathrm{~b}$ ．20c；1b．75c．

AMBER OR YELLOW GLOBE－Grows to a large size； good keeper．Pkt．5c；ox．10c； $1 / 4-1 \mathrm{lb}$ ．15c；1b．45c．

RUTABAGA，PURILE YELLOW TOP－The finest for table or stock．Pkt．5c；oz．10c；1／1－1b．20c；1b．45c．

PURPLE TOP STRAP LEAF，FLAT－Tops small，bulbs mostly above ground；of medium size，flat and very sug－ ary．Very hardy，early and prolific．Pkt．Sc；oz．10c； 1／4－1b．15c；1b．45c．

WHITE GLOBE SNOWBALL OR SIX WEEKS－A very rapid growing small variety that will mature in forty days from sowing of seed．Flesh sweet and tender． Pkt．5c；oz．10c；1／4－1b．20c；1b．60c．
NORFOLK LARGE WHITE－A standard field variety， growing to immense size，and one of the best for stock feeding．Pht．5c；oz．10c；1／4－1b．15c；1b．50c．

## KOHL RABI

PURPLE TOP WHITE GLOBE－The best for home and table use；a quick grower，grows to large size；fine and tender，leaves few and small．Sow early for spring use． 1月t．5c；oz．25e．

## EGG PLANT

N．Y．MPPROVED LARGE PURPLE SPINELESS－Fruit remarkably large，often measuring 10 inches in length and 8 inches in diameter；weigh 4 and 5 pounds．Skin deep purple，occasional green stripes lengthwise．A great favorite on most tables as it can be put up in so many ways．1户kt．Јe；oz．3Јс．

## Fresh, New and Reliable Flower Seed

WE IMPORT ALL OUR FLOWER SEEDS FROM THE MOST RELIABLE GROWERS IN THIS COUNTRY AND GERMANY, AND CAN CONFIDENTLY RECOMMEND THEM TO OUR CUSTOMERS AS BEING THE BEST THAT MONEY CAN BUY.

## BRIEF HINTS ON SOWING \& CULTIVATION

## THE SOIL.

A medium loam, which is medium between extremes of clay and sand, enriched with a compost of rotted manure and half-mold is adapted to the generality of flowering plants. Before planting fower beds or borders, be sure that the beds are well drained in order that the water may run off and the plants show to better advantage.

## SOWING THE SEED.

Nine-tenths of the failures in flower culture come from improper treatment of the seeds and young plants. We urge every purchaser of our seeds to carefully study the cultural directions printed on each package, and the following general rules.

Do not plant any seeds when the ground is wet. Make the surface as fine and smooth as possible. Cover each sort of seed to a depth proportionate to its size; the finest seeds, like Portulaca, Campanula, Digitalis, etc. should be merely sprinkled on the surface of the ground, and barely covered with finely sifted, light mellow soil. Press the soil down firmly over the seed, with a brick or short piece of board. For larger seeds, the depth should be regulated according to the size of the seed; seeds the size of a pinhead, sow half an inch deep; those the size of a pea, three-fourths of an inch deep.

Procure a bit of lath-it would be better if planed smooth-about two feet long; press the edge down into the soil evenly so as to make the groove as deep as the seed is to be planted; scatter the seed along this, allowing four or five of the larger and fifteen or twenty of the smaller seeds to the space one plant is to occupy when grown. Cover the seeds by pressing the earth together over them, then turn your lath flatways, and press the soil down firmly and evenly.

FOR DISCOUNTS ON FLOWER SEEDS, SEE THE DISCOUNTS ON PACKAGES, PAGE 15.

## AGERATUM

This plant is almost constantly in bloom throughout the summer, and is particularly valuable for bedding. It is one of the easiest culture. Half-hardy annual.


PURPLE AGERATUM
MEXICANUM-Lavender-blue. 2 feet. Pkt. 5c. TOM THUMB-Blue, rarely exceeds 6 inches in height. Pkt. ちc.

## ALYSSUM, SWEET

Grown outdoors in summer, and for fall and winter bloom in parlor or greenhouse; of easy culture. The delicate, honey-like fragrance of its while flowers is much prized in bouquets and baskets. Hardy annual. 1 foot. Pkt. 5e; oz. 25c.

## AMARANTHUS

Showy, blooming plants, with long racemes of curious looking flowers and brilliant foliage. Half-hardy annuals. Beautiful yard plant. 2 to 3 feet. Pkt. 5c.

## AQUILEGIA (Columbine)

This plant blooms early in the spring and summer and produces beautiful, curiously formed and variously colored flowers. Hardy perennials.

DOUBLE-All colors mixed. A beautiful yard plant and good bloom; all colors imaginable; grows about 18 inches high. Pkt. ธc.


ASTERS IN VARIETY
ene of the prettiest mid-summer flowering piants; mostly called summer flowering chrysanthemum plants; grow from $11 / 2$ to $21 / 2$ feet high, bearing from 25 to 75 fowers the size of nice chrysanthemums. The soil should be mellow and very rich and give plenty of water.

ASTERS-All colors mixed. Pkt. 5c.
ASTERS, DELICATA-Light pink. Pkt. 10c.
ASTERS, PEONY-All colors mixed. Pkt. 10c. ASTERS, EMPRESS OF CHINA-Dark blue. Pkt. 10c. ASTERS, FIRE KING-Deep crimson. Pkt. 10 c .
ASTERS, SNOWBALL-Pure white. Pkt. 10c.
BACHELOR BUTTONS-Mixed colors. Pkt. 5c.

## BALLOON VINE (Cardiospernum)

A rapid-growing plant; succeeds best in light soil and warm situation; flowers white. Half-hardy annual. 5 to 15 feet. Pkt. 5c; oz. 20c.

## BALSUM APPLE (Momordica Balsimina)

Very vigorous climbing vines, with ornamental foliage; fruit golden yellow, and when ripe opens, showing the seeds, and also its brilliant carmine interior; fine for trellises, rockwork, stumps, etc. Half-hardy annual. 20 feet. Pkt. 5c; oz. 50c.

## BALSAM (Lady Slipper)

An old and favorite garden flower, producing its gorgeous masses of beautiful, brilliant-colored double flowers in the greatest profusion. Of easy culture; succeeds in a good, rich soil. Tender annuals. 2 feet. Double mixed. Pkt. 5c.

## CANDYTUFT

Universally known and cultivated and considered indispensable for cutting. Hardy annuals; 1 foot. WHITE ROCKET-Pkt. Jc.
DWARF MIXED—Pkt. ప̌c.

## CENTAUREA

Thanks to the praiseworthy fashion of using only long-stemmed flowers for bouquets, the different species
of Centaurea, annuals as well as perennials, have become general favorites in all countries.

BACHELOR'S BUTTON (Centaurea Cyanus.)-A very free-blooming, hardy annual, also called Blue-Bottle, Ragged Soldier, etc. Mixed colors. Pkt. Sc.

MARGARET-A very handsome plant which grows about 18 inches high and produces large, pure white flowers of the sweetest fragrance. By their long, stiff stems, the flowers are made to look very graceful and most adbirably adapted for bouquets, vases, etc., especlally as they keep in good condition for a week after being cut. Easily grown. Pkt. 10c.

## COLUMBINE

One of the prettiest and hardiest of all bedding plants. Flowers peculiarly shaped and very pretty. Pkt. 5 c.

## CALIFORNIA POPPY

Very attractive plants for beds, edgings or masses; profuse flowering foliage; fine cut; in bloom from June until frost. Hardy annual; 1 foot. Flowers rich orange. Pkt. 5c.

## CARNATIONS

Carnations are general favorites for their delicious fragrance and richness of colors. They are indispensable both for greenhouse culture in winter and for the garden in summer.


MARGUERITE CARNATION
MARGUERITE-This beautiful new race flowers four months after sowing the seed. Its profusion of bloom, variety of colors and delicious perfume will insure its popularity in all gardens where cut fowers are in demand. Pkt. 15e; 2 for 25c.
FINEST GERMAN-Mixed colors; saved from extra fine, double, named flowers. Plit. 25c.

## CASTOR OIL BEAN

Blod-red stalks and clusters of red fruit. 8 feet. Pkt. 5c.

## CHRYSANTHEMUM

Mixed annuals. Pkt. Sc.

## COCKSCOMB

Free-blooming, graceful plants. growing best in rather light soil, and producing spikes of beautiful, feathery, comb-shaped flowers. Grown in pots, they are fine for yard or conservatory. The plumed varieties are fine for cutting and drying for winter bouquets, when in full bloom and before they fade. Half-hardy annuals. Dwarf mixed varieties. Pkt. Sc.

## COLEUS

Our new strain of hybrid varieties produces the finest colored, most attractive and novel foliage plants for
house or garden culture. Sow in March or April. Mixed hybrids. Mixed colors and varieties. Pkt. 15c.

## DWARF FRENCH CANNAS

Highly ornamental plants, producing a rich effect by their broad, massive foliage, terminated by racemes of crimson, orange or scarlet fowers. Soak the seed 12 hours in warm water before planting. Pkt. 10c.

## COSMOS

The flowers are borne profusely in loose clusters, and present a charming appearance when the plants are in full bloom, as they wave to and fro in every passing breeze. Seed should be sown early in spring and the

plants transplanted in the open border when danger from frost is past. They begin blooming in August and continue until cut down by frost. Mixed hybrids. Pkt. 10 c .

Cosmos-New early flowering. Fkt. 10c.

## CYPRESS VINE

One of our most popular vines, with very delicate fernlike foliage, and masses of beautiful, small star-shaped flowers. Mixed white and crimson. Pkt. Jc; oz. 30c. RED-A beautiful shade of red. Pkt. 5c.
WHITE-A beautiful white. Pkt. 5c.

## DAISY (Bellis Perinnis)

A favorite plant, in bloom from April to June. The seed we offer is saved from the finest double varieties. Daisies can be easily raised from seed sown in the spring.

MIXED-All colors; 4 inches. Pkt. 10c.
MARGUERITE, or PARIS-One of the best known and most popular plants, both for house and yard; blooms from May until killed by frost. Pkt. 10c.
SHASTA DAISIES-A great improvement from the old fashoned daisy, being about 2 or 3 inches in diameter. Very fine. Pht. 25c.

## DIGITALIS GLOXINFLORA (Foxglove)

Gloxinia-shaped fowers. A lovely type. All colors mixed. Pkt. 10c.

## EVERLASING FLOWERS

MIXED EVERLASTING-A good variety; all the useful and favorite sorts. Pkt. 5c.

## FOUR O'CLOCK (Marvel of Peru)

A handsome, free-fiowering, half hardy perennial, blooming the first season from seed. The flowers, which are produced in clusters, open in the afternoon and wither the next morning. Pkt. 5c.

## BLUE FORGET-ME-NOT (Mayosotis Alpesttis)

An old favorite. It flourishes best in a moist, shady situation. Succeeds best if sown in autumn and will then flower in early spring. Hardy perennial; 6 inches. Plet. 5e.

FEVERFEW-DOUBLE WHITE (Matricaria) For cutting and pot culture, as well as for beds and borders. Thrives in all soils; blooms until frost. Flow-
ers white, double. Hardy perennial; 18 inches. Pkt. 10c.

## DATURA CORNUCOPIA (Horn of Plenty)



## DATURA

Of robust habit, growing to a good-sized shrub in 2 single season. The flower is trumpet-shaped, of immense size, often 10 inches long and 5 inches wide at the mouth, with three cones or funnels, one within the other, the inside of the tube of a delicate French white, marbled with royal purple on the outside. Pkt. 10c.

## DIANTHUS, or PINKS

A magnificent genus, embracing some of the most popular flowers in cultivation, producing a great variety of brilliant colors, and a profusion of blossoms. The


HARDY PINKS
hardy biennials, or Chinese or Japanese varieties, bloom the first season, the same as hardy annuals; 1 foot.

## Double Annual Varieties

HEDDEWIGI (Japan Pink)-Colors vary from the richest velvety crimson to the most delicate rose. Double mixed. Pkt. 5c.

IMPERIALS- (Double Imperial Pink)-Double variegated. Mixed colors. Pkt. 5c.

DOUBLE CHINA-Beautiful full flowers. Pkt. 10c. SNOWSTORM-Double white. Pkt. 5c.

## DAHLIA

DOUBLE FINEST MIXED-Large flowering. Pkt. 10c. SINGLE MIXED-Large, showy single flowers. Pkt. 10c.

## GERANIUMS

All the leading fine varieties are combined in this lot. The plants grow from 12 to 24 inches high and give a mass of flowers the year round if protected from freezmass of pkt. 25c.

## MORNING GLORY (Impomea)

Tender annuals of rapid growth, with beautiful and varied flowers. For covering old walls, trellises, arbors, stumps of trees, they are invaluable; 15 to 20 feet. Pkt. 5.

## MOON VINES

GRANDIFLORA (Moonflower)-One of the most showy of the annual climbers. A rapid-growing vine, easily reaching a height of 25 to 30 feet during the season. At night and during dull days the plants are covered with large, pure white, fragrant flowers, 5 to 6 inches in diameter. Pkt. 10c.

## GRAND "IMPERIAL JAPANESE" MORNING GLORIES

Grand climbers of strong and robust growth, attaining a height of from 30 to 50 feet. The intermingling vines and brightly contrasting colored leaves are wonderfully pretty and effective, even when the flowers are not open. The flowers measure from 4 to 6 inches across, and their greater substance causes them to remain open much longer than ordinary Morning Glories. The colors, shadings and markings of the flowers are limitless and of incomparable beauty. Some are of deep rich, velvety tones, others daintily tinted and shaded, crimson, bronze and garnet-maroon; from the daintiest blue to the ultramarine, indigo and blackish purple; from snowwhite to cream and silver gray. Some are striped, starred and spotted, others have magnificent edges and throats. They are of the earliest culture. Sow early in a warm, sunny position in good, rich soil, and give plenty of water in dry summer. Mixed colors. plit. 10c.

## CLIMBING GOURDS, Ornamental



## GOURDS

Rapid-growing, interesting plants, with ornamental foliage and singularly shaped fruit. Tender annuals; 15 to 20 feet. Fine mixed varieties. Pkt. 5c.

## HELIOTROPE

Every one loves the delightful fragrance and beauty of the heliotrope, but.very few are aware of the fact that it can be raised from seed as easily as verbena. Fine mixed. Pkt. 10c.

## HOLLYHOCKS

Few hardy plants combine as many good qualities or lend themselves as readily to varied uses as the hollyhock. Extra choice double mixed. pkt. 10c.

## HYACINTH, or JACK BEAN

A rapid-growing plant, flowering freely in clusters, used for covering arbors, trellises, etc. Sow the seed in the garden. Tender annuals; 110 feet. Mixed. Pkt. 5e; oz. 15c.

## HUMULUS JAPONICUS (Japanese Hop)

Annual climbers of very rapid growth, with dense foliage. The leaves remain bright, fresh and rich looking until late in the fall.
JAPONICUS-Leaves plain green, something like those of the common hop. Seed sown in early spring produces plants which will cover a wide space in a short time. plit. se.

JAPONICUS VARIEGATUS-Leaves broadly edged with cream color; marked and shaded with silver white and deep green; often a whole branch and its leaves will be pure white. At a little distance the plant looks as if it were covered thickly with white blossoms. It is very vigorous and hardy, grows with great rapidity, soon covering a whole space. Pkt. 10c.

## HONEYSUCKLES

Fine, hardy climber; once planted, always ornamental for house or fence; color scarlet. Pkt. 10 c.

## ICE PLANT

The most suitable plant grown for hanging baskets, leaves of dark green and glossy color hanging down one to two feet. Pkt. 10c.

## LANTANA

There is certainly no plant which makes more show, and which gives more blooms and satisfaction in some corner of the yard, side of the house or any sunny, hotplace, where nothing else will grow. Best mixed. Pkt. 10c.

## LARKSPUR

DWARF GERMAN ROCKET-Finest double mixed. Pkt. Sé $\quad$ DOUBLE STOCK-FLOWERED-A tall, branching variety, with beautiful long spikes of flowers. Pkt. 5c.

## MARIGOLD

LARGE AFRICAN-Tall, double; orange, brown and yellow mixed. Pkt. 5e.

DWARF FRENCH-Fine color. Mixed. Pkt. 5c.

## MIGNONETTE (Reseda Odorato)

The fine old variety with small spikes of delightfully scented flowers. Pkt. Jc; oz. 15c.

## NASTURTIUMS (Dwarf Tom Thumb)

Few flowers impart such rich "bits of beauty" to the garden as the different types of nasturtiums. In addition to their use in the garden and on trellises, we would recommend planting the seed free along fences, hedges, etc., or wherever it is desired to have bright colors in profusion.

Free-flowering and very desirable for bedding, vases and pot plants. Plant seed an inch deep in rows, 1 to 2 feet apart, when the trees are starting out in leaf; thin to stand 10 or 12 inches apart, as the plants are liable to rot off in wet weather, particularly in rich soils if planted too close together. These come in all shades and colors assorted. Pkt. 5c; oz. 10c; $1 / 4-1 b$. 25c.

TALL NASTURTIUMS
Choice mixture of the finest varieties; 6 to 10 feet. Pkt. 5c; oz. 10c; 1/4-1b. 25c.

## OXALIS

One of the prettiest plants for hanging baskets, porch or window boxes; colors, yellow, pink, blue and white. 3e each; 25e per dozen.

## A FEW CHOICE PANSIES

Plant pansy seed from October 15 to February 1. We secure our pansy seed from the best German, French and European growers, and offer as fine a quality as can be grown.

KING RUFUS-Fine bright red. Pkt. 10c.
EMPEROR WILLIAN-Large size, of a beautiful blue shade, gradually deepening to a purple. The finest of its color. Pkt. 10e.

SNOW QUEEN-Handsome pure white flowers. Pkt. 10c.

SUNSHINE-Beautiful mahogany colored blossoms. Pkt. 10c.

## FAUST-Rich, deep black. Pkt. 10c

KING OF YELLOWS-Clear yellow flowers. Pkt. $10 c$.
FINEST MIXED-Different shades and colors. Pkt. Sc.
ENGLISH SHOW MIXED-All the richest and most delicate colors. Pkt. 10 c .

CASSIER'S MIXED-The latest creation in pansies. Blossoms are of enormous size and are most beautifully blotched, marked and striped in an inconceivable variety of colors. Pkt. 25 c.

## PHLOX

DRUMMONDI-For a splendid mass of colors and a constant display this is not excelled by any other annual. Its color range from purest white to blood-red or crimson. For masses of separate colors and for cutting for bouquets or vases it is unsurpassed. The seed may be planted in the open ground in March, or in hot bed or house earlier, and afterward transplanted to permanent quarters. Give good, rich ground, and set plants 8 to 10 inches apart each way. Hardy annuals. 1 foot. Finest mixed, all colors. Pkt. se; oz. soc.

DRUMMONDI GRANDIFLORA RED-These are a decided improvement on the old class, with much larger flowers, a better range of colors, and more compact growth. Pkt. 10c; oz. 75e.

## PORTULACA

There is scarcely any flower in cultivation that makes such a dazzling display of beauty as a bed of brilliant multi-colored portulacas. They thrive best in a rich,
light, sandy soil and an exposed sunny situation. Halfhardy annual.

DOUBLE MIXED-All colors. Pkt. 10c.
SINGLE MIXED-All colors. Pkt. 5c.

## PETUNIAS

No annual of the garden is more lavish with its flowers or more readily adaptable to any and every purpose than the petunia. So popular has it become that enthusiasts have given years of patient care to its improvement, and we now have superb show varieties, fringed and ruffled and doubled, mottled, striped and self-colored.


## DOUBLE PETUNIAS

GIANTS OF CALIFORNIA-This is the largest strain of petunias ever sent out. The large, beautiful, fluffy blossoms are handsomely crimped, fringed and ruffled, and come in white, rose, velvety crimson-black, etc. Pkt. 2.jc.
INIMITABLE-Striped and blotched. Very effective. pkt. 10c.

GOOD MIXED-Pkt. 5c.
LARGE FLOWERED SINGLE FRINGED - A choice mixture from superb strains. Pkt. 25c.

LARGE FLOWERED DOUBLE FRINGED - All the best colors. Pkt. 30c
ROSE-Fine pink. Pkt. 10c.
SNOWBALL-Fine white. Pkt. $10 c$.

## GOLDEN FEATHER PYRETHEUM

AUREUM (Golden Feather)-Bright yellow foliage. Pkt. 10c.
ROSEUM (Persian Insect Powder Plant.) Flowers a bright rose. Pkt. 10c.

## POPPIES

POPPIES-(DOUBLE ANNUAL SORTS.)
CARNATION-FLOWERED-Splendid double fringed flowers. Mixed colors. Pkt. Ec.
PEONY-FLOWERED-Large, showy, double globular flowers; well adapted for shrubbery, etc. Mixed colors. Pkt. 5 c.

> POPPIES-(SINGIE ANNUAL.)

UMBROSIUM-A fine variety, producing flowers of richest vermillion, with a deep shining black spot on each petal. Pkt. Jc.

SHIRLEX-The range of color is so varied that scarcely two flowers are alike, while many are delicately edged and striped. Pkt. ъe.

POPPIES-(HARDY PERENNIAL SORTS.)
ICELAND (Nundicaule)-These are perfectly hardy and produce an endless profusion of flowers which are most useful for cutting. They are of a very graceful, neat habit, with bright green, fern-like foliage, formed in tufts, from which issue slender stalks about 12 inches in height, surmounted by yellow, white or orange-scarlet flowers. Pkt. 10c.

## SCARLET SAGE, or SALVIA

## Beautiful scarlet flowers. Best summer flower. Pkt. 5c. SNAPDRAGON <br> One of the most showy and useful yard plants. Hardy

 perennials, blooming the first year if the seed is sown early; 1 to 2 feet. Pkt. 5c.
## STOCK, TEN WEEKS

HARGE FLOWERING DWARF - All choice double, large flowering. Mixed. Pkt. Sc.

## SMILAX

A beautiful climbing, fern-like vine. Very pretty for baskers, window frames, trellises. Pkt. 10c.

## SUNFLOWER

Remarkable for the stately growth, size and brilliancy of their flowers, giving a very good effect among shrubbery, and for screens. Hardy annuals.
GLOBOSUS FISTULLOSUS (Globe Sunflower)-Flowers large, double; rich saffron color; 6 feet. Pkt. 5c.
MAMMOTH RUSSIAN-This variety is largely cultivated for the seed. The plants produce large heads measuring 12 to 15 inches in diameter, which contain an immense quantity of large seeds, that make a valuable and healthy food for fowls, who eat them greedily, fat tening well and causing the plumage to take on a bright, lustrous appearance. They are also good for making chickens lay. Smali rations of the seed fed to horses and other stock during winter months serve to keep them in fine, healthy condition. It is also claimed they will keep off malaria. Pkt. 5c; price (prepaid) 25e per lb.; not prepaid, 10 lbs., $\$ 1.00$.

## SWEET WILLIAM

A beautiful, free flowering, bright looking annual; grows 12 to 15 inches high and blooms all summer; flower star-shaped and come in all colors of the rainbow. Mixed colors. Pkt. Jc.

## SWEET PEAS

10c per large pkt., oz. 20c, $1 / 4-1 b$. 50c, 1 lb. $\$ 1.50$.

> A SELECT LIST OF SWEET PEAS.

Flant Sweet Pea seed from November 1 to February 28. AMERICA-Striped blood scarlet on white; large and striking. One of the prettiest of the entire list.

ALICE ECKFORD-Rosy buff pink; wings white, deli cate and pretty.
AURORA-Striped rosy orange on white; very attractive.
BLACK KNIGHT-Deep maroon, veined black; large and open form
BLANCHE BURPEE-Large, pure white; of graceful form.

CAPTAIN of the BLUES-Bright purple and pale blue
CAPTIVATION-Claret magenta; wings heliotrope; a distinct shade.
COUNTESS OF RADNOR-Rosy lavender; wings pure lavender.

ELIZA ECKFORD-White, shaded and edged with light on standard.
EMILY ECKFORD-Heliotrope blue; wings lavender blue.
EMILY HENDERSON-Splendid pure white; good for forcing. EXTRA EARLY BLANCHE FERRY-Rose red wings; very profuse.

GRAY FRIAR-Beautiful grayish lavender, on white ground.
KATHERINE TRACY-Soft, but brilliant pink.
LOVELY-Warm rose pink and extra fine.
LOTUIE ECKFORD-White suffused with rosy lilac; MAID OF HONOR-Almost white, with light bluish lavender edge.
PEACH BLOSSOM-Salmon pink standards; soft pink wings.
PRINCE EDWARD OF YORK-Carmine scarlet; wings crimson.
PRINCE OF WALES-Fine bright rose; self-colored. PRIMA DONNA-Light blush pink; very beautiful Aowers

ROYAL ROSE-Deep carmine chrome; wings rose pink. SENATOR-Striped maroon and violet on white.

STELLA MORSE-Creamy pink, clouded rose apricot. THE BRIDE-Flowers large, pure white.
ECKFORD'S NEW MIXED-This strain, although not embracing the latest novelties, contains a beautiful as sortment of the famous Eckford Sweet Peas. Pkt. Sc; oz. 10c; $1 / 4-1 \mathrm{~b}$. 25c.; 1b. 75c.

GOLD MEDAL MIXED-One of the most satisfactory ways of growing sweet peas is in a mixed row. Many new combinations are obtained by cross fertilizing, and if good varieties are planted the result is sure to be satisfactory. Our Gold Medal Mixture has no superior, and contains all bright varieties in proper proportion, mixed from many standard varieties. Our long experience and ample facilities enable us to produce a mixture that will not only give an abundance of the finest flowers, but will also include varieties which are sold in separate colors. Pkt. 10c; oz. 15e; 1/4-1b. 40c; 1b. $\mathbf{\$ 1 . 2 5}$.

CALIFORNIA GIANT MIXED-The enormous size of the flowers and freedom with which they are produced recommend this mixture to all. Pkt. 5e; oz. 15c; $1 / 4-1 b$. 40c; 1b. \$1.00.

## VERBENA

The most popular flower for the yard; of low growing, spreading form, each plant spreading 2 to 4 feet, and a mass of flowers the whole season. Plants are hardy and will stand our winters in Texas. Fine mixed. Pkt. Jc. VERBENA-Pure White, Tiger Striped, Scarlet Queen, Lavender Beauty. Pkt. 5c.

## VIOLETS

No plant more suitable for borders around walks and flower beds; in bloom from November to May. Pkt. 15c.

ZINNIAS


ZINNIA
ZINNIAS, or BACHELOR BUTTRONS-Too well known to be described; blooms all summer; when everything is gone the Zinnia is still there; very showy. Try them. Pkt. sc.

# Notice to Flower Seed Buyers: We make a specialty of all the leading Flower Seeds. If you want to beautify your place at a small cost, try our seed and see the results 

## Incubators and Brooders

## H-I SELF-HUMIDIFYING INCUBATOR.

The purpose of an incubator is to hatch healthy chicks. Any incubator that will bring out of every hatchable egg a chick as large as the shell will hold is doing its full duty. The incubator must be carefully built, have a uniform heat, be free from air currents that would cause evaporation from the eggs, and have sufficient moisture. If moisture be lacking, the oxygen is quickly cooked out of the air.
It is important that just the right temperature be maintained during a hatch. The machine that will hold a temperature of 103 degrees the greatest number of hours while a hatch is on, will deliver the most chicks-and the best.


Too low a temperature results in a delayed hatch and increases the danger of a poor one; too high a temperature causes a premature hatch and makes certain an unsatisfactory one.
The H-I Self-Humidifying Incubator represents the last word in incubator science. In it has gone the knowledge and experience of a man whose life work has been the building of incubators. Out of it should come a healthy, active chick from every fertile egg set.
Like every other H-I product, the H-I Self-Humidifying Incubator is carefully constructed with a view to durability. The woods, No. 1 Cypress, and Redwood, are selected for unusual resistance to heat and moisture. All incubator walls are double thick and carefully insulated between. The workmanship is carefully inspected before the machines leave the factory.

Price, \$22.50.


## HATCHALOT INCUBATOR

This 60-egg Hatchalot Incubator will do the work of more than four hens at a time. It is not only the best hatcher, but the best incubator for the price on the market today. It is made of No. 1 Cypress; has a strong zinc and steel thermostat, in fact is equipped with a complete, absolutely dependable regulating device. The boiler is large and is so constructed that it will heat the incubator under any ordinary climatic condition. Its mild heat prevents evaporation of the moisture, so that all eggs with chicks in them will hatch, and every chick will be as large as the eggshell will allow.

With ordinary care the "Hatchalot" will bring a vigorous chick out of every hatchable egg. As a hatcher
on a small scale, its only real competitor is the mother hen-and it has something on even her.
We know because we have tried both on the Rancocas Farm. Incidentally, we have tried about everything else used to hatch with. Price, \$7.50.


## INTERNATIONAL SANITARY HOVER

This hover is known as the "Perfect Brooding Device." It has stood every climatic test from Panama to Quebec. Practical poultrymen, state experiment stations, and poultry judges indorse them. You can raise chicks anywhere with International Sanitary Hovers. No specially constructed houses are necessary.

Sanitary Hovers are as practical for the small backyard poultry raiser as for large poultry farms. They are fireproof and vermin-proof-warmest at the curtain, radiate heat downward on the backs of the chicks, preventing leg weakness-usable anywhere-ready for business wherever placed. To set them up, you simply set them down. No crowding or smothering of chicks-no kneeling in mud to get at the lamp-no cutting of holes or building of platforms. Sanitary Hovers are made with burner for either natural or artificial gas, at no additional cost. Price, $\mathbf{\$ 8 . 5 0}$.


## THE 6-IN-ONE EXERCISER AND FEEDER

Is just what its name implies. It is a large, rust-proof, galvanized, steel hopper supported on four strong iron legs and devised to hold all the food necessary for poultry. The center-hopper holds the mixed grain food, generally composed of cracked corn, wheat, Kaffir corn, buckwheat, barley, oats, etc., and is so constructed that an agitator underneath containing whole corn as bait, can be worked by the fowls to scatter broadcast a small amount each time of the dry grain mixture. Price, \$3.75.


## WALL FOUNTS

Founts have hoods over the troughs, which prevent dirt from settling in the water. Can be hung up on the wall, and for this reason are preferred by many to the 2piece fount, which must be placed on the floor. The 1gallon and 2 -gallon sizes have flat backs to hold them firmly against the wall when they are hung. Price, 50c.


## SQUARE DROP BOTTOM DRINKING FOUNTAINS

These drop-bottom drinking founts are new, and made of No. 28-gauge galvanized steel. The bottom can be swung open with one hand, as it is secured by one spring in the front, while most founts have a spring on each side, requiring both hands to open; even then they are side, requiring both hands to open; even then they are opened with considerable trouble. The rod which exsolid brass, preventing possibility of rust or of breaking off. Price, 50c.


## ROUND BOTTOM DRY FOOD HOPPER

The round bottom of this food hopper keeps dry mash or beef scrap easily within reach of fowls. Because of this feature, the food cannot clog in corners and become stale. This hopper has a lid, so that it can be closed during the forenoon, which is generally desired by poultry-men. Made of 28 -gauge galvanized steel, with all turned edges painted green to prevent possibility of rusting. Price, 75c.

## Poultry

## FEED FOR POULTRY AND OTHER FOWLS

"SPECIAL" BEEF SCRAPS.
Rather finely ground. Considered the best on the market. Price, 5 lbs. 25c: 50 lbs. $\$ 2.25 ; 100$ lbs. $\$ 4.25$.

## FINE GROUND BONE.

For mixing once a day with soft feed this is unsurpassed.

Directions-It should compose about one-tenth part of the daily mash.

Price, 6 lbs. 30c; 50 lbs. $\$ 2.25$; 100 lbs. $\$ 4.00$.


## ROUND BOTTOM GRIT AND SHELL BOX

Most grit and shell boxes have square bottoms, while this grit and shell box has a round bottom, which prevents the fine particles of shell and grit clogging the corners. Can be set on floor, or hung on wall. Price, 50e.

## WALL CHICK FEEDER

Sloping top prevents the chicks from roosting on it, and a wire screen prevents them from wasting the food. Made in two sizes, 10 inches long and 20 inches long, of 28 -gauge galvanized steel. Absolutely will not rust, for all turned edges are carefully painted. This is an entirely new invention, and has proved its worth and efficiency among the largest chick raisers in the world. Price, 10 in., 25e; 20 in., 50c.

## CHICK FEED TROUGHS

The bottom of the trough being round in shape, makes it superior to all others, as it can be easily cleaned and prevents food from becoming stale in corners. The grate slides easily on and off-a feature not found in any other chick trough. In carrying the trough the grate may also be used as a handle, and is so slanted that chicks cannot roost on it. Made in two sizes. Price, 50c and \$1.00.


## FAVORITE DRY MASH HOPPER

Years of experience with this type of hopper, with changes from time to time to improve it, has enabled us to put on the market a Dry-Mash Hopper that fulfils every need. The wire grid is raised or lowered as required for coarse or fine mash. The curved bottom of the hopper always keeps the feed within easy reach of the birds. The flange at the edge prevents any possibility of waste and the small wires extending from the flange to the wire grid prevents the birds from throwing the feed sidewise out of the hopper. The most distinctive feature about this Favorite Dry-Mash Hopper is the fact that it is an inch wider at the lower side than at the top, thus making it utterly impossible for the food to clog. Price, $\$ 1.00$.

## Supplies

CRACKED POULTRY BONE.
Manufactured from fresh, clean bones, perfectly pure and sweet.
Directions-Should be fed to the poultry daily, about a handful to every five fowls, like grain or any other feed. Price, 6 lbs. 30c; 50 lbs. $\$ 2.25 ; 100$ lbs. $\$ 4.00$.
STEEL CUT OATS-1b. 10c; 3 lbs. 25c; 25 lbs. $\$ 2.00 ; 100$
1bs. \$7.50.
CRUSHED OYSTER SHELL.
As egg shells contain a large percentage of lime, it is important that you keep the fowls well supplied with this substance in one form or another. Oyster Shell supplies
this necessary material in a most satisfactory manner, and is low in price.

Directlons-Keep coarse shell in a hopper before the fowls, allowing them free access to it at all times. Fine shell to be mixed with the soft food, composing about one-twentieth part of the mash.

Price, 10 lbs. 25e; 50 lbs. $80 c$; 100 lbs. \$1.50.

## PEARL GRIT.

It is an established fact among poultrymen that in or der to make the poultry business a success a first-class grit must be used. "Ordinary water-washed, smooth pebbles are not "grit." Grit must have a formation which enables it to retain its grinding qualities under the relaxation and contraction of the gizzard.

Pearl Grit is all this, and more; in addition to its grinding and medicinal properties it contains lime. This is highly valuable, as lime is a necessity for making egg shells. We supply three sizes: No. 1 for brooder chicks, No. 2 for half-grown chicks, and No. 3 for hens, turkeys, ducks and geese. No. 1 is used by many large duck breeders with satisfactory results.

Directions-Pearl Grit should be kept in a hopper before the fowls, allowing them free access at all times.

Price, 10 lbs. 25e; 50 lbs. S5c; 100 lbs. $\$ 1.50$.

## ALFALFA CLOVER MEAL.

Among those who are unable to obtain a plentiful supply of green stuff, Alfalfa Meal should fill a long felt want, it being an excellent substitution, and a very nutritious food, which, when mixed with the mash, also affords bulk to the concentrated foods.

Directions-Place in a water-tight vessel, pour boiling water over it, cover with a tight lid, and let it steam and soften for about twelve hours. Mix with the soft food, allowing the meal to compose one-tenth part of the mash.

Price, 50 lbs. $\$ 2.00 ; 100$ Ibs. $\$ 3.75$.

## SPECIAL CHICK FEED.

Special Chick Feed is the right food for chicks; mixed ready for use, comprising the proper proportions of cracked grains, small seeds, grit, shell, bone and beef scraps (to take the place of worms and bugs), charcoal to promote digestion, all combine to produce a quick and profitable growth without loss by disease and weakness caused by ordinary feeds.

Price, -1 lb . bag $2 \mathbf{5 c}$; 50 Ib . bag $\$ 1.40 ; 100 \mathrm{Ib}$. bag $\$ 2.75$.

## SPECIAL HEN FOOD.

Special Hen Food is a re-cleaned uniform mixture of grain seeds. shell, etc., properly proportioned to meet the needs of the thriving fowl.
 1b. bag \$2.35.

CYPHERS' LICE POWDER - Carefully compounded, containing no carbolic acid or other chemicals injurious to eggs. 5 oz. pkg. 10c (postpaid 15c); 1.3 oz. box $\mathbf{2 3 e}$ (postpaid 40c); 4S oz. box 50c (postpaid \$1.00); 100 oz. package $\$ 1.00$ (by express, not mailable).

## CONKEY'S RELIABLE REMEDIES



CONKEI'S ROUP CURE-IS a positive cure for all forms of this disease. It is placed in the drinking water, the fowl takes the medicine without knowing it, and you are relieved of any inconvenience. Coming in contact with the head and throat membranes, it kills the germ at once. It is simply taken up by the system, and being a strong tonic and blood purifier, cleanses the blood and builds up the system. It is equally effective for turkeys and for canker in pigeons. 50c and $\$ 1.00$, postpaid.

CONKEY'S LIMBER-NECK REMEDY-Is very effective in the cure of this terrible disease. 50c per box (55e postpaid).

CONKEY'S SCALY LEG REMEDY-Scaly leg is caused by parasites under the scales of the feet and legs. This remedy is guaranteed to cure it. 50c per box (55c postpaid).

CONKEY'S BRONCHITIS JEMEDY-Bronchitis is often confounded with roup. This remedy is a guaranteed cure if given in time. 50c per box, postpaid.


CONKEY'S LAYING TONIC-Will keep fowls in the best of health, shorten the moulting period and increase
 expressage extra.
CONKEY'S LICE LIQUID-Conkey's Lice Liquid, painted or sprayed over the roosts, etc., will quickly and effectively rid fowls of lice. Qt. 35c; 2 ats. 60c; gal. 81.00; expressage extra.


CONKEY'S LICE POWDER-Can be absolutely relied upon to rid your fowls of lice. It will also kill lice on horses and cattle, ticks on sheep, bugs on tomato plants, rose bushes, etc. $\overline{5}$ ozs. $10 c ; 15$ ozs. 25c; 48 oz.s. $50 c ; 100$ ozs. \$1.00; add 25e for expressage, or 1 c per ounce for postage.

CONKEY'S FLEA SALVE-Will positively rid fowls of "stick-tights," which are a troublesome pest in this Southern climate. 2Je per box (30c postpaid).

CONKEY'S HEAD IICE OINTMENT-Head lice annually kill thousands of little chicks; in fact, are the greatest cause of their loss. Conkey's Ointment is a nonpoisonous, perfumed preparation that is instant death to these insects. Also good for scaly leg. Ounce tin, enough for 100 applications, $10 c$, postpaid; 3 ounce tin, 25e, postpaid.


CONKEY'S CHOLERA CURE-It is a positive cure for bowel trouble, indigestion, diarrhoea, dysentery, cholera, etc., in fowls. Tones up the system at the same time. Put in the drinking water. We guarantee it. soc per box, postpaid.

CONKEY'S GAPE CURE-Positively cures and is given without trouble or loss of time. Put in a soft feed. It builds up the general health and kills the worms. 50c $p \in \mathrm{r}_{\mathrm{r}}$ box (60c postpaid).

CONKEY'S CHICKEN POX REMEDY—Most valuable for this disease, commonly known as sore head; guaranteed. 50c per box (55c postpaid).

CONKEY'S NOXICIDE-A non-poisonous, soluble disinfectant and germ-destroyer. By mixing with water, one gallon of Noxicide will make 10 gallons of disinfectant. Pt. 35c; qt. 60c; $1 / 2$ gal. 90c; gal. $\$ 1.50$.

CONKEY'S POULTRY TONIC-A splendid remedy for fowls recovering from disease, and during the moulting season. Also for chicks which do not seem to thrive. 25e (30c postpaid).

## FOR DOGS, CATS, CAGED ANIMALS, ETC.

CONKEY'S MANGE BALSAM-A positive cure for mange, eczema, canker, sore ears, ringworms, and all forms of parasitic skin disease. 50c per box; expressage extra.

CONKEY'S DISTEMPER CURE AND CONDITIONERA wonderful cure for this scourge. Excellent for young puppies; prevents worms and insures good health. 50c per box (55e postpaid).

## CONKEY'S FLY KNOCKER.

Prerents flies from annoying stock. It is perfectly harmless, has a pleasant, pungent aroma, and actually keeps flies and mosquitoes out of range of its odor. It kills every insect it hits and keeps others out of buzzing distance. It will add flesh to stock in fly time, and its use in summer will prevent lice, and grub in winter. For spraying this liquid we recommend the Faultless Sprayer. Qt. 50c.

## GERMOZONE.

A germicide-A bowel regulator. Its name signifies its value. The only reliable cure for poultry diseases such as Roup, Cholera, Bowel Complaint, Chicken Pox, Frosted Combs, Limberneck, Canker, etc. Not only a cure but equally effective for preventing disease. Nost poultry diseases originate from colds or from internal disorders. Germozone goes immediately to the seat of the trouble and, unless the disease is in its last stages, will invariably effect a speedy cure. Its uses are varied -its healing properties wonderful. There have been some so-called cures for certain poultry diseases, but none some so-caliscocures for certain poultry diseases, but none until the discovery of Germozone, that could do the work
of a general poultry medicine. Price, $50 c$; in bottle or tablets.

## PIGEON SUPPLIES

PIGEON NAPPIES-For pigeon nests. Made of solid wood, with heavy bottom, and will not be overturned. 15c each; \$1.25 per dozen; $\$ 10$ per 100 .

CLAY NAPPIES-Are moderately deep and heavy and are quite desirable for pigeon nests. 15e each, \$1.50 per dozen.

CANADIAN FIELD PEAS-These are largely used for feeding pigeons. 10 lbs .75 c ; $\mathbf{5 0} \mathrm{lbs} . \$ 3.50 ; 100 \mathrm{lbs} . \$ 5.75$.

OLD ENGLISH SALT CAT-A preparation of such herbs and seeds as gentian, annis, caraway, cummin and coriander; also bone, crushed oyster shells, charcoal, etc. It aids digestion, invigorates the system and promotes good health. It is put up in brick form, which keeps the birds busy picking at it and prevents waste. Per brick, 25c; if sent by mail, add 20c per brick for postage.
SPECIAL PIGEON FOOD-A properly balanced mixture of a number of grains and seeds so proportioned as to keep the old birds in good condition and help the young ones to grow strong and healthy.. Nothing but the higinest quality of grains and seeds are used. There is no waste-the birds eat every particle. Price, $\boldsymbol{7}$ lbs. 25e; 50 1b. bag $\$ 1.50 ; 100 \mathrm{lb}$. bag $\$ 2.75$.

GRAINS AND SEEDS-We carry a full and complete stock of all grains and seeds, such as hemp, Kaffir corn, red wheat, etc., for pigeon feeding. Prices on request.

## TOBACCO DUST

Fine for putting in dust box for fowls. Lb., postpaid, $30 \mathrm{c} ; \mathrm{by}$ express, 1 b . $10 \mathrm{c} ; 10 \mathrm{lbs} .75 \mathrm{c} ; 100 \mathrm{lbs} . \$ 5.00$.

## TOBACCO STEMS

Fine for placing in hens' nests. Lb., postpaid, 30c; by Fine for placing in hens' nests. Lb., po
express, lb. 10c; 10 lbs. 75c; $\mathbf{1 0 0}$ lbs. \$5..00.


## SULPHO TOBACCO SOAP

Efficient insecticide for in and out-of-doors non-leateating pests, on plants, trees and shrubs. It is also very effective on sheep, cattle, horses and dogs. Large package, 8 oz., only 20c; small size, 4 oz., only 10 c .
A beautiful pamphlet on "How to Grow and How to Care For It." This little book is called the window garden, and is given free with all Sulpho Tobacco orders.

## BIRD SEED

SUNFLOWER-Lb. 20c, postpaid.
SUNFLOWER AND HEMP, MIXED-For parrots, Lb. 20c.

HEMP-Lb. $20 c$.
CANARY-Lb. 25c.
RAPE-Lb. 20c.
MIXED BIRD SEED-Lb. 20c.
MOCKING BIRD SEED-Bottle 30c; by express only.


## ALRITE AUTOMATIC FOUNTAIN

The Alrite is the simplest, strongest, most efficient and most perfect chick fountain ever invented. Made of galvanized iron and wire so there is nothing to rust or break. Fits regular Ball Mason fruit jar which you have on hand. (We do not furnish jars.) Price each, 20c; postpaid, each 30c.
E. H. M. SANITARY FOUNTAINS-The top is removable to permit a thorough inside cleaning. Made of stone and just the thing to use where medicine is given or for general purpose drinking fount. Price 50c and 75 each.

RACINE SHIPPING COOPS-Very light, strong and durable, and are made from well-seasoned lumber.
No. 2.-Length 12 inches, width 18 inches, height
No. 2.-Length 12 inches, width 18 inches, height
No. 4.-Length 12 inches, width 21 inches, height
21 inches
$\$ .55$

No. 6.-Length 24 inches, width 21 inches, height
21 inches .75

## NEST EGGS

PORCELAIN-These eggs are made of first-class glass. They do not break easily and will last a lifetime. 5 c each; 40c per dozen.

OVINAPTHOL NEST EGGS-By the use of these nest eggs, hen's nests are freed from lice, mites and all other similar vermin. 10e each; 45c for 6; 6 ge per dozen.

## EGG SHIPPING BOXES

ANDERSON EGG BOX-This box makes an admirable box for shipping fancy eggs. It folds flat for shipment. The eggs are surrounded by a double thickness of corrugated paper, which perfectly protects them. The box is sealed by gummed labels, which are furnished free. The label answers for both address and seal. No. 3, one setting, $\$ 1.35$ per dozen; No. 4, two settings, $\$ 1.75$ per dozen; No. 5, 50-egg size, \$2.50 per dozen.

EYRIE EGG-SHIPPING BOXES-These boxes are made of corrugated paper and are very strong. The self-locking handle prevents contents being tampered with. 15-egg size, $\mathbf{\$ 1 . 5 0}$ per dozen; 30-egg size, $\$ 2.00$ per dozen.


KELIABLE EGG CARRIER-The best and most complete egg carriers on the market, holding 12 dozen eggs. It is equipped with an adjustable cover and a patent combination fastener. Just the thing for the farmer, as well as the poultryman. It is so arranged that when only one dozen eggs are placed in it the lid can be dropped down and fastened just the same as though it were full of eggs. Each and every one of our egg carriers is nicely painted and is equipped with the very best fillers. 75c each. Special price by the dozen, on application.

## POULTRY APPLIANCES

## AND SUPPLIES FOR POULTRY HOUSE AND YARD.

CYPHERS' WALL FOUNTAIN-The back is flattened so that it can be hung on the wall of a building. Serviceable for young chickens or adult fowls. Gallon size 60c; 2-gallon size 75c.

GALVANIZED IRON DRINKING FOUNTAIN-These fountains embody every up-to-date feature. Small size 20c; medium size 30c; large 40c.

SANITARY SELF FEEDING BOX-Manufactured from the best galvanized iron; it contains three com-
partments for food, shell or grit. It can be hung up against the wall, etc. 60c.

CYPHERS' DRY FOOD HOPPER-It has two compartments, a large one for grain mixture, and a small one for beef scraps. The hopper is provided with a hinged cover, which protects the grain at all times, and is also supplied with a strong handle for convenience in flling and handling. These hoppers are intended to be hung against a wall of a poultry house. 75c each.

## LEG BANDS

LEADER ADJUSTABLE-Latest and best adjustable Leg Band out. Has neat, compact and smooth fastening with no catching points, easily attached and are absolutely secure. 15e per dozen; 25e for 25; 50e lor 50; 75 e per 100.

SECURITY LEG BANDS - When you put bands on your birds you do it for a purpose-you do it because you want to designate them from the others. Then what good is a band that can be easily lost off, either by catching on some obstacle or by being picked off by the fowls themselves. The Security is a band that rivets; the rivet is a part of the band itself, to apply it all one has to do is to bend it around the leg, push the rivet through the hole, and with a pair of tweezers or pinchers mash or flatten the head. No duplicate bands are issued over 4,000 . Initials may be placed on the bands when desired; for this we charge 25 e extra per 100 bands or less. Sealers can be furnished at 50c each.

Price:

Be sure to state the size band wanted or mention variety of fowls to be used on.

## POULTRY MARKERS

PERFECT POULTRY MARKERS-It makes good, clear, clean cut, and doesn't mutilate the web as do many cheap punches. 50e postpaid.
THE PHILADELPHIA POULTRY MARKER-Made in two sizes-one for chickens and one for adult fowls. $25 e$ postpaid.

THE RELIABLE POULTRY PUNCH-For marking the web between the toes. The very best and handiest marker. By mail, 35c.

HIGH GRADE TESTED THERMOMETERS-The best incubator or brooder manufactured is worthless unless the thermometer used therein is accurate. Hundreds of hatches fail in incubators because of inferior thermometers, and large numbers of chickens are killed in brooders owing to defective or worthless thermometers.

Brooder Thermometers, 50c each, postpaid.
Incubator Thermometers, $75 c$ each, postpaid.

## Canary Birds and Supplies

IMPORTED ST. ANDREASBURG ROLLER CANARIES These are the finest singing Canaries in the world. They are trained in Europe by experts. To hear them sing is to buy. Price $\$ 5.00$ to $\$ 15.00$ each.

IMPORTED ST. ANDREASBURG ROLLER FEMALES -Each $\$ 2.00$ to $\$ 5.00$.
IMPORTED HARTZ MOUNTAIN GERMAN ROLLER SINGERS-EAch \$3.75.

AMERICAN CANARIES-We usually have a supply of these at the following prices:

American male singers . . . . . . . . . . . . .each $\mathbf{\$ 2 . 0 0}$ to $\$ 2.50$
American female . . . . . . . . . . . . . . . . . . . . . . . . . . . . .each $\$ 1.00$
BIRD CAGES-We have a large assortment of Enameled Bird Cages. Prices, $\$ 1.00, \$ 1.25$ and $\$ 1.50$ each. Extra Cups for cages, 10 c each; 2 for 15 c .

HIRD SUPPLIES.


Bird Nests . . . . . . . . . . . . . . . . . . . . . . . . . . $15 c$ each, 2 for 25 e
 Bird Baths, opal . . . . . . . . . . . . . . . . . . . . 1 eache 2 for 25 e Bird Baths, crystal .....................................each 10e BIRD SEED.
Imported St. Andreasburg Roller Bird Seed..per pkg 25e Sicily Canary . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . per lb. 15e
Hemp Seed . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . per 1b. 15c
Sunflower . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . per 1b. 15e
Mixed Bird Seed . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . per 1b. 20 .
Rape per 1b. 25 c
Imported French Millet. . . . . . . .per 1b. 10c; 3 lbs. for 25 c McAilister's Mocking Bird Food .............per bottle soc

Above prices f.o.b. Dallas. If wanted sent by mail, add 10 c per lb. to pay postage.

## THE AQUARIUM

JAPANESE FANTAIL FISH-By far the most popular of all fancy fish, and the most satisfactory of the imported varieties. The fins and tails are long and of delicate lace-like substance, frequently divided. Beautifully variegated. Nice specimens, 50c, \%5e and $\$ 1.00$.

ARUARIUM CASTLES-A great variety of styles and sizes. $20 c, 25 e, 50 c, 55 \mathrm{c}$ and 55 c each.

PREPARED FISH FOOD-The best food for all kinds of Gold Fish. It does not sour or spoil in the water. 10c per box.


#### Abstract

SHIPPING BLCKETS-2 or 3 -quart tin buckets suitable for holding six medium-sized fish or less, at 10e erch: t-qt. 1Jc; 6-qt. holding twelve fish. 20e each. GGLD FISH-While there are now many varieties of Fish, we shall refer only to the older, plain varieties by this name. These are more popular than the fancy being more hardy and generally satisfactory. 35 and 50c each, according to size.




FISH CASTLES


STANDING FISH GLOBES-These are raised on a glass base and are handsomer than the ordinary fish globes. Capacity about 11/2 gallons. \$1.50; capacity about 2 gals. $\$ 2.00 ; 21 / 2$ gals. $\$ 2.50 ; 3$ gals. $\$ 3.00$.
HANGING FISH GLOBES-These are neat, cheap, and consequently more popular than the large aquariums. Capacity about $1 / 2$ gallon 15c: 1 gallon 25c; $11 / 2$ gallons $\$ 1.00$ : 2 gallons $\$ 1.25 ; 21 / 2$ gallons $\$ 1.50 ; 3$ gallons $\$ 1.75$; 4 gallons \$2.50.

AQUARIA- We have a large assortment of them. Write for description and prices. Pebbles to put in aquaria, 10c per box. The above can be sent by express only

Send for complete circulir all about Gold Fish, Aquaria and supplies.
BOOKS-Gold Fish and Their Systematic Culture-Complete information about their care and management; beautifully illustrated by Hugo Mulertt. \$2.00.
Aquaria-By C. N. Page. A treatise on the food, breeding and care of Gold Fish. 25c.
WALKER'S EXCELSIOR PLANT-FOOD-Odorless and perfectly soluble food for house plants. A pound box is sufficient for twenty-five medium sized plants for one year. Lb. 25c (by mail 40c), I!2 lb. 13c (by mail 25e).

JAPANESE PALM FOOD-Manufactured especially for palms and ferns. Directions for use on each package. Pkg. 25c.

## FLOWER POTS

These are packed in barrels or boxes and delivered to the express or freight office and receipted for; they are then at purchaser's risk.


## TALBOT'S FLEA AND MOTH EXTERMINATORS

Use Talbot's Flea and Moth Exterminator plentifully as it is a germicide of unusual activity and the dissemination of small particles in the air will provide a constant disinfectant. 25 e per pkg.; by mail 30 c postpaid.

## TALBOT'S ANT EXTERMINATOR

Is a mineral regetable compound. The regetable ingredient, a food much desired by the ants, which brings them in contact with the active mineral ingredient which combines with the exudation of the body, forming a
chemical combination which destroys the respiratory cells and suffocation of the ant is the result. This explains Why a non-poisonous remedy actually kills.
Talbot's Ant Exterminator is a standard article and there is no question as to its effectireness. This can be proven beyond question by watching the results of operation, but no matter how good a remedy may be, lack of interest or carelessness in its application necessarily detracts from results; for this reason $\pi e$ emphasize that you follow directions on package and the destruction of the ant colony is guaranteed. 25e and 50e packages. By maiI, postpaid, $30 c$ and 60 c .

## TALBOT'S ROACH EXTERMINATOR

Is a non-poisonous, odorless powder and no inconvenience or preparation is necessary on the part of the householder for the placing of it for the extermination of the roaches.

Absolutely no charge is made until after the roaches have been destroyed, thereby guaranteeing the effectiveness of the powder. No liquid or other preparation that kills instantly, then through evaporation loses its strength, will effectually rid the premises of them for the reason it leaves the roung to come out later, and in a short time the condition is as bad as ever.
Roaches hare a natural characteristic of providing for their young by carrying food on their wings to them. TALBOT'S ROACH EXTEPMINATOR does not kill instantly. Hours are necessary for the complete destruction of the larger roaches. This affords them ample time to carry sufficient exterminator food to their nests and to the innermost recesses of the walls where it is left for the destruction of the roung or any new roaches Which might find their way into the building. resulting in their total annihilation. 25c-50c and \$1.00 cans; by mail, 30c, 60c and \$1.10, postpaid.

## TALBOT'S CHICKEN LICE EXTERMINATOR

There are about thirty kinds of chicken lice and chicken ticks. Their environment being different make it necessary to treat thoroughly in the different ways recommended in the directions for treatment so as to absolutely exterminate them. The chicken or hen louse is a feather clipper; breeds and lives on the body of the fowl, consequently, to effectually destroy this class treat the chickens individually by opening the feathers and sifting the exterminator onto the body of the fowl, taking particular care to distribute it thoroughly.
Mites and other forms of chicken ticks are destroyed by dressing the coops and pens, taking care to distribute the exterminator along ledges and roosts. leaving it in all places where it can remain undisturbed, as explained in our directions for use. Per package 25c; br mail, postpaid, 30 c.

## THE WONDERFUL FEEDING VALUE OF BUTTERMILK

Has been recognized by poultrymen for a long time.
It has been impossible, however, for most poultrymen to get hold of a steady supply at right price.
Furthermore, much of the buttermilk purchased is mixed with wash water; is handled in an unsanitary manner; is put into old tins which are not thoroughly cleaned, and it cannot be kept long before it spoils.

CONKEF'S BUTTERMILK STARTING FOOD supplies buttermilk to the chicks in dry form. With only the water eliminated. You get the feed value of the buttermilk plus the lactic acid which acts as a preventive measure against disease, but not the sloppiness and unsanitary condition of ordinary buttermilk.

One pound will feed twelre chicks three weeks, therefore it is the cheapest food you can use-and you'll hare many more chicks to show for your season's work if you feed it for the first three weeks to every brood you hatch.
By using dry buttermilk as an ingredient in Starting Food, we believe me are offering to the poultryman the best balanced and most satisfactory Starting Food that has erer been put out.

The small amount that the chicks eat makes this a rery inexpensire feed to anyone. It should more than pay for itself in the better growth of the chicks. in the larger number raised. and in general satisfaction as against the old method of feeding.

CONKEY'S BUTTERMMLK STAPTINGG FOOD is a mell balanced, carefully made food, that will bring results.
Prices on Conker's Buttermilk Starting Food in Cases. Size

Retail Price
$\begin{array}{ll}1 & \mathrm{lb} . \\ 3 \mathrm{lb} .\end{array}$
$61 / 2 \mathrm{ib}$
14 1b
50 lb

## CALENDAR

A condensed calendar for the year, which, if closely followed, will greatly assist in the successful growing of many crops.
JANUARY-After carefully selecting your estimated wants for the season mail us your order. Prepare your hot-bed in which to sow Beet, Cabbage, Cauliflower, Lettuce, Onion, Radish and the like, also some varieties of Flower Seeds for transplanting.

FEBRUARY-The varieties mentioned for last month may now be sown either in hot-beds or cold-frame. In hot-bed sow Egg Plant, Pepper and Tomato. Such varieties as Beet, Onion and Radish may be sown in the open ground if it has become quite warm, also Early Peas, Carrots, Parsley and Spinach, set out Asparagus and Horse-radish roots and Onion sets. Plant Potatoes and Field Corn. Sow Grass and Clover in field and lawn. Sow Dwarf Essex Rape and Alfalfa.

MARCH-This is the initial month of Spring and nearly every kind of gardening may be undertaken. Almost all the general list of vegetable seeds may be sown in the open ground with the probable exception of Egg Plant, Pepper and Tomato which shauld be started under glass. All sorts of roots and tubers may be planted in the open ground. Hot-bed plants having been previously hardened by leaving sash open at night, may be transplanted to open ground. Plant some early varieties of Green and Wax Beans as well as Sweet and Field ties of Green Gas and Clover for lawn and field, also AlCorn. Sow Grass and Cane, Millet, etc.

APRIL-Continue the good work of the preceding month and be ready for the planting of main crops, all of which may now be planted with the exception of Melon and other vine seeds. If the ground has become quite warm the more hardy varieties of Flower Seeds, also Summer Flowering Bulbs may be planted. Other plantings for succession. of Beans, Sweet Corn and Peas of the hardier class may be made during this month. When not busy at other things, prepare ground for planting root crop seeds early in Mray. Plant Cane, Millet, Kaffir Corn, Milo Maize, Mangel Wurzel Beets, etc.

MAY-After some days of warm sunshine may be sown seeds of more delicate germination, such as Melons, Cucucumbers, and all other vine seeds, Okra, Beans, all kinds of Garden and Field Peas. Sow Celery seed, plant Mangel Wurzel and other root crop seeds, also for forage crops, Milo Maize, Jerusalem Corn, Millet, Cane, etc., Soja

Beans and Velvet Beans, Peanuts, Plant June Corn, Squaw Corn.

JUNE—Make sowing of Cabbage and Tomato for late Summer, also Sweet Corn, Peas, Beans and all other vegetables, including vine seeds to come in early in the Fall. Sow Turnip. The field seeds for preceding month may be planted now, also for later season use. This is the season especially for planting June Corn, Squaw Corn, Early Northern Corn, Cane, Millet, Cow Peas, etc.

JULY-Transplant Cabbage and Tomato plants, also Celery. Make sowings of Turnip and Rutabaga for late Fall and Winter use. Plant Pickling Cucumbers. It is not too late to make successive plantings of Beans, Peas and Sweet Corn. Plant June Corn.

AUGUST-Set out late Celery. Make final sowing of Turnip and Rutabaga, also late plantings of Bush Beans. On land where crops have been removed sow Dwarf Es sex Rape for late pasture. Prepare ground for Fall seeding of field seeds enumerated to sow in September.

SEPTEMBER-Fall and Winter Blooming Bulbs should be started to come into bloom during November and December. Sow Corn Salad, Kale, Mustard, Radish and Spinach for Fall and Winter use. Cabbage, Cauliflower, Lettuce and Onions may be sown for transplanting in November. Sow Alfalfa, Barley, Rye, Oats, Wheat, Rescue Grass, Bermuda Grass and our Special Grass Seed cue Grass, Bermuda Grass and our special Grass Seed etc.

OCTOBER-Sow Cauliflower, Cabbage and Lettuce for transplanting. Bulbs for Winter blooming may be plant ed in pots or boxes. Sow Turnips, Mustard, Kale, Spinach and Corn Salad for Winter Greens. Grass and Clover. For Fall seeding, Barley, Wheat, Oats, Rye, Vetches and Alfalfa.

NOVEMBER-Continue to sow Cabbage and Lettuce. Set out Asparagus and Horse-radish roots, Strawberries, Cabbage, etc. Plant all kinds of Early Spring Flowering Bulbs. Sow Alfalfa.

DECEMBER-Market gardeners have found it quite profitable to plant such varieties as Beet, Radish, and Lettuce in hot-beds for winter use, as there is always a good demand for fresh vegetables during winter months Spring flowering bulbs should be planted not later than this month to obtain satisfactory results.

# Table Showing Quantity of Seed Usually Sown Per Acre 




## Fertilizer Plant Food

We have been asked a thousand times for a good Plant Food and now we have put up a Fertilizer that is better than any we have ever seen and the packages are larger, with complete instructions how to have and keep pretty and fresh plants in the house and yard. Our plant food is made up of the same articles we use in our Greenhouses and has been tested for years, and found to be without equal on all Palms, Ferns, Begonias, Geraniums, Lilies, Roses in pots and out doors, Carnations, and also for your vegetable garden. We put this up in nice boxes at 25 c each, (if by mail add 10 c extra), and in bags, by express, 5 lbs . for 75 c ; 10 lbs . for $\$ 1.25 ; 25 \mathrm{lbs}$. for $\$ 2.00 ; 100 \mathrm{lbs}$. for $\$ 6.00$.

Thanking you for an order for at least a trial package, we are,

Yours truly,
LANG FLORAL \& NURSERY CO.
Store 1303 Main St. 18 Greenhouses, 3502-3512 Bryan St. 200 Acres in Nursery, West Dallas.

## Wire Goods

We manufacture all kinds of wire goods, such as plant stands; floral wire frames; carnation, rose and chrysanthemum stakes. In fact, anything made of wire that you can give us a drawing of.

WRITE FOR PRICES ON ANY ARTICLE WANTED; IF A SPECIAL DESIGN, SEND DRAWING.

This place used exclusively Lang's Plants, Seeds and Bulbs, showing the use of their famous Fertilizer.

## A Home Beautiful

A few cents invested in seeds and a few dollars in plants, shrubs, roses and trees will beautify any home. Do you know that every rose bush, shade tree, fruit tree, etc., planted on your place improves the looks tenfold, increases the value of your place ten times the cost invested? TRY IT.


## Hardy Bulbs for Outdoor Planting

## For Spring and Summer Blooming

In submitting you the below named bulbs we are of fering you the very best money can buy. Something that once planted lasts for years, something that will give you more pleasure and satisfaction for your money than any bulb offered anywhere. Try a variety; you will be pleased.

PEONIES-Magnificently hardy plants, almost rivaling the rose in perfume, brilliancy of color and perfection of bloom. They are perfectly hardy. Require little or no care, and produce larger and finer blooms when well established. We offer double white, rose and crimson. Price 30c erich. Plant from December 1 to March 15.

LILIUM AURATUM-Speciosum, a hardy lily, white with red spots, very pretty. 15c.

LILIUM CANDIDUM-A hardy lily, blooms in large clusters, pure white. $\mathbf{1 5}$.

DAHLIAS-There is nothing that, with the same amount of money invested, will give more show flowers than Dahlias. We offer bulbs or tubes, 20c and 30c each; $\$ 2.00$ and $\$ 3.00$ per dozen. Ready for planting December 1 to April 15.

NEW TUBEROSES, DOUBLE PEARL-Per doz., 50c: each J̌. If by mail, add 15 c per dozen extra.


ONE OF THE DAHLIA FAMILY

TUBEROSE MEXICAN-This is something new and the finest thing that was ever seen; blooms the whole year and more fragrant than any you ever saw; get at least a few for trial. 10c ench; T5e per dozen. Plant from Nov. 15 to April 1. If by mail, add 15 c per dozen extra.

GLADIOLUS-This beautiful flower has come to the front to stay; it not only is used in yards by the thousands, but it is grown by florists in greenhouses by the millions and the demand for the beautiful flowers is increasing with every year. Finest mixed. Je erch; 50e doz.

LILIUM ALBIUM-A hardy lily for the yard, pure white. Each 25c.

LILIUM RUBIUM-A hardy lily for the yard, white with gold bands. 15 c .

AMERYLLIS JOHNSONII-The only red lily grown that is any good; fine bulbs of these at $2 \mathbf{2}$ c.

IIRIS GERMAN-Assorted colors. 4e each, 40c dozen.
IRIS MEXICAN-Assorted colors, very pretty. 2c each, 25e dozen.

IRIS JAPANESE-Assorted colors. 10e each, $\$ 1.00 \mathrm{per}$ dozen.

## Bulbs of All Descriptions for Winter and Spring Blooming

DUTCH HYACINTH-These come in 12 varieties and colors, single and double. 7e each, 75 per dozen.
ROMAN HYACINTH-These are single and our best bloomers; colors, white, pink and purple. 5c each, 50e per dozen.

PAPER WHITE NARCISSUS-Grand star shaped flowers, long stems and very fragrant. 4c each, 40c dozen.

TRUMPET MAJOR-Semi-double jonquil. 4e each, 40c dozen.


A BED OF DUTCH HYACINTHS

VON SION, or DOUBLE JONQUIL-Very large double yellow flowers. Sc each, 60c dozen.

FREESIAS-Fragrant. 3e each, 30c dozen. JONQUILS-Single. 3c each, 30c dozen. CROSUS-4 separate colors. 2c each, 20c doz. TULIPS-Single, 6 colors. 3c each, 25e dozen. TULIPS-Double, 6 colors. 4e each, 30e dozen. SNOWDROPS-Finest mixed. 3e each, 30c dozen.


FREESIAS


DOUBLE DUTCH HYACINTH
CALLA LILIES-Mammoth bulbs. 35c each, 1st size 25c, medium size 15c. New bulbs ready Sept. 25 th. EASTER LILIES-1st size 25c, 2nd size 15c. CHINESE SACRED LILIES-10c each. OXALIS LARGE BUTTERCUP-2e each, 20e dozen. OXALIS-Mixed color. 15e per dozen.
MIXED NARCISSUS-All varieties, just the thing for yards. 30e per dozen, $\$ 1.25$ per hundred.


MINIATURE DUTCH HYACINTHS: 3 Colors, 40c per doz.


BOUQUETS FROM $\$ \overline{\boxed{0} 00}$ to $\$ 15.00$. ACCORDING to VARIETY and SEASON


## Flowers for

 WeddingsBRIDE'S BOUQUET - White Killarney Roses and Lilies of the Valley, with Maiden Hair Ferns, $\$ 15.00$.
There are many ways of arranging flowers for the bride and her attendant. The cut shown on the right is used very extensively and makes one of the most attractive shower Bridal Bouquets to be had. Then there is the Arm Bouquet which is made flat and tied with shower and wide ribbon; many bouquets are made of Carnations, others of Easter Lilies, some of all Lilies of the Valley, or Sweet Peas. Don't fail to write for prices as we can please you.

## Cut Flowers and Their Seasons

October, November and December-Chrysanthemums, $\$ 1.00, \$ 2.00, \$ 3.00, \$ 4.00$ and $\$ 5.00$ per dozen.

Roses, $\$ 1.00$ to $\$ 2.00$ per dozen. Carnations, 75 c to $\$ 1.00$ per dozen. Christmas prices, double above.

January, February, March and April-Roses, $\$ 1.50$ to $\$ 3.00$ per dozen. Lilies of the Valley, $\$ 1.00$ per dozen. Carnations $\$ 1.00$ per dozen. Roman Hyacinths, 50 c to 75 c per dozen. Narcissus, 75 c to $\$ 1.00$ per dozen. Jonquils, 75 c to $\$ 1.00$ per dozen. Dutch Hyacinths, 75 c to $\$ 1.00$ per dozen. Chinese Lilies, Freesias, Sweet Alyssum, Snap-dragons, at moderate prices. Flowers for Easter add one-third to the above prices.

May, June, July, August and September-Roses and Carnations, 75 c to $\$ 1.00$ per dozen. Tuberoses, Gladiolus, Sweet Peas, Cape Jasmines, etc., at very low prices.


A VASE OF BEAUTIFUL CARNATIONS


## Floral Designs for Funerals



This has become one of our main branches. All inhabitants of smaller cities within a few hundred miles of Dallas find it very difficult to obtain floral designs on short notice from their dealers, therefore prefer to send to a reliable place for such. The following will give you an idea of what you can get on short notice. Of course, it will be to your advantage to give us ample time in order that we may give you finer and better work than if done in a rush.

| Wreaths | from | \$1.50 to | \$ 8.00 | Lyres | from | \$3.00 to | 20.00 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Anchors | from | 2.50 to | 10.00 | Maltese Crosses | from | 2.50 to | 20.00 |
| Crosses | from | 2.00 to | 10.00 | Crescent and Star | from | 3.50 to | 18.00 |
| Pillows | from | 3.00 to | 15.00 | Gates Ajar | from | 6.00 to | 40.00 |
| Sickles | from | 2.50 to | 5.00 | Other Emblems ma order | from | 2.00 to | 50.00 |
| Stars | from | 3.00 to | 10.00 | A large variety of |  |  |  |
| Harps | from | 4.00 to | 25.00 | and Society Emb | from | 3.00 to | 40.00 |



3-inch Pots, 2c each .... 20c
4 -inch Pots, 3c each ....
5-inch Pots, 5c each
.50c
6-inch Pots $7 \frac{1}{2} \mathrm{c}$ each ....- 75 C

## Flower Pots

Per doz.
7 -inch Pots, 10 c each .... $\$ 1.00$
8 -inch Pots, 10 c each ..................... 1.50
9 -inch Pots, 20c each .... 2.00
10 -inch Pots, 35 c each .... 3.50
12-inch Pots, 50c each .... 5.00

Try a Pretty Stand. Notbing Prettier to Display Your Plants in windows, on porch, or under trees on lawn. Cheap, last a life-time


Stand No. 1-Holds about 25 to 30 plants; 48 inches high, 4 s inches wide; painted a beautiful green, lasts forever; price $\$ 6.00$.
Stanil No. 2 Holds 18 to 25 plants; 38 inches high;
same width; price $\$ 4.00$.

Stand No. 3-Holds 12 to 15 plants; 30 inches high, 36 inches wide; price $\$ 3.50$.
Stand No. 4-Half-round, beautiful; 40 inches high; 23 incnes wide; price $\$ 5.00$.


EASTER GREETING

## Pelargonium, or Pansy Geranium

The latest creation in blooming plants. The Easter Greeting starts blooming in April and continues all summer, either in pots or open ground. If you are a lover of the beautiful then try one of these plants. Price, 25c each.

## Roses-Rainbow Collection

Every year, no matter how careful we are, we find some roses to get mixed and as we want to only sell roses true to name, we run no chances and all that are doubtful are put in the mixed or Rainbow Collection. In this lot every color can be found-some of the 50 c varieties, others of the 35 and 25 c kind. None but best roses and no cheap stock. As this lot cannot be labeled we are offering them at the low price of 15 c . Now, here is your chance to make a rose garden all colors of the rainbow. One, a dozen, or a hundred for only 15 c each.

## A FARM PAPER

A good, clean newspaper, full of information; instructive for father, mother, son and daughter, is worth several times the price asked. Note the small slip enclosed, fill out and mail direct to Farm Journal, Philadelphia, with 20c and be surprised.


