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1938 PETUNIA, CORAL SATIN


1769 MARIGOLD, SPUN GOLD


65 BUTTERBEAN Greenseeded Henderson (Thorogreen)
The preferted Butterbean for Pkt. 15c; 1/2hb. 40c; sipaid.

## NEW ANNUALS

## To Beautify Your Home

## 1938 PETUNIA Coral Satin

All-America Bronze Medal Wimner for 1961. An $\mathrm{F}_{1} \mathrm{Hy}-$ brid Multiflora. The very compact, very dwarf plants hold their form and produce masses of lovely coral-rose blooms. This is truly a beautiful Petunia. Pkt. 65e; 1.128oz. \$4.50, postpaid.

## 1769 MARIGOLD Spun Gold

All-America Bronze Medal Winner for 1960. Drwarf Chrysanthemum-flowered type. Flowers 3 inches across, with incurved petals of bright golden yellow. Height 12 inches. Plit. 50c; 1/6oz. \$1.40; 1/40z. S4.55, postpaid.

## 1016 ALYSSUM <br> Rosie O' Day

All-America Selections Winner for 1961. A fine new really pink variety that grows low and compact in the Royal Carpet style. Beautiful in borders, edging or ground cover. Pkt. 50 c ; 1 16 Oz. $\$ 1.15$; 1/40z. $\$ 3.80$, postpaid

## 1071 SNAPDRAGON Rocket Mixed

All-America Winner for 1960. The first $\mathrm{F}_{1}$ Hybrid Snapdragon purposely bred for garden use and hot-weather tolerance. Long spikes with evenly spaced florets produced on vigorous and uniform plants. Pkt. $75 \mathrm{c} ; 1 / 1280 z$. $\$ 3.00$, postpaid.


1016 AL.YSSUM, ROSIE O' DAY


1071 SNAPDRAGON, ROCKET MIXED

735 TOMATO, MARION

# TRY these NEWER VARIETIES this Year 



## 282 Cucumber, Ashley

282 Cucumber, Ashley $\begin{gathered}\text { Dark } \\ \text { prolific } \\ \text { green, } \\ \text { slic- }\end{gathered}$ ing type with fruit tapering at the ends. Resistant to downy mildew. An early variety $20 \mathrm{c} ; \mathrm{oz} .45 \mathrm{c} ; 1 / 4 \mathrm{lb}$. $\$ 1.25 ; 1 \mathrm{lb}$. $\$ 3.50$, postpaid.

## ALL AMERICA VEGETABLE WINNERS

32 PEARLGREEN SNAPBEANS (Bush). AAS '58. It has the very desirable quality of having white seed, which makes it particularly valuable as a canning variety. Pods are round quite green and firm, $51 / 2$ to $61 / 4$ inches long. Stringless at all stages. Plants are highly resistant to bean mosaic. Good yielder. Pkt. 78 c lb., postpaid.
34 GARDENGREEN SNAPBEANS (Bush). AAS '59. Pods are 5 to $5 \frac{1 / 2}{}$ inches long, round, bright dark green, smooth and stringless. Gardengreen has an excellent flavor, free from fiber. Plants are most vigorous, growing about 18 inches tall, with dark green foliage and resistant to common bean mosaic. 52 days. Pkt. $25 \mathrm{c} ; 1 / 21 \mathrm{lb}$. $55 \mathrm{c} ; 1 \mathrm{lb} .95 \mathrm{c} ; 2 \mathrm{lbs}$. $\$ 1.80 ; 3$ to 9 lbs . $78 \mathrm{c}^{2} 1 \mathrm{lb}$., postpaid.


32 Beans, Pearlgreen

244 Corn, Gold Strike (Illustrated cover). A new hybrid Sweet corn for 1961 . Gold Strike is an outstanding medium-late Bantam Evergreen-type, which is adapted to this locality. Stalks are strong and vigorous, averaging $61 / 2$ to $7^{\prime}$ tall and generally producing two good ears per stalk. Ears are very attractive, $8 \frac{1 / 2 "}{}$ long, $16-18$ rows, of deep, medium broad kernels. Kernels are and texture. Gcld Strike has shown splendid drought and disease resistance. 85 days. Pkt. $25 \mathrm{c} ; 1 / 21 \mathrm{lb}$. $70 \mathrm{c} ; \mathbf{1 b}$. $\$ 1.10 ; 2$ 1bs. $\$ 2.15$; 3-9 lbs. @ 84c 1b.; 10-24 lbs.@ 77c 1b., postpaid.

419 Cantaloupe, Edisto $\begin{gathered}\text { The flesh is } \\ \text { noticeably }\end{gathered}$ thicker than the present commercial varie ties and usually a somewhat deeper and richer salmon. When grown on good soil, this cantaloupe averages between 3 and 4 pounds and after tests from $12-13 \%$ soluble solids, indicating a high sugar content. The rind is exceptionally hard, making it a better shipper than other commercial varieties. Vines are quite vigorous and quite resistant to alternaria and powdery mildew and tolerant to downy mildew. 95 days. Pkt. 15c; oz. 40c; $1 / 4$ lb. $\$ 1.10$; 1b. $\$ 3.00$, postpaid.


419 Cantaloupe, Edisto
650 Radish, Champion A.A.S. Winger than the popular and useful Cherry Belle. It is a very clear bright searlet, round
Br hall shaped about the size of a silver or ball shaped, about the size of a silver dollar, with a slim taproot. Will stand for an amazingly long time without becoming
pithy. Mild. sweet flesh.
Pkt. 15c; oz. 30c;


## 749 Tomato, Wonder Boy

${ }_{\text {©F1 }}$ Hybrid) (Illustrated on front cover) Extra Large fruited. a bright red color. round, firm and very smooth, with meaty flesh and thick wails producing excellent quality and delicious flavor. It is unbelievably firm for its size prant is semi-upright. indeterminate, excellent dark green foliage
providing good coverage and protection providing good coverage and protection
against sunburn
80 days.
dkt. $50 \mathrm{c} ; 2$ pkts. $95 \mathrm{c} ; 3$ pkts. $\$ 1.35$; 1/8 oz. $\$ 7.50$, postpaid.

735 Tomato, Marion Inlustrated incover). New for 1961. It yielded 20 per cover). New for 1961. It yielded 20 per cent more marketable fruits per acre than
Rutgers and equal to Homestead. It is re-
Hole Rutgers and equal to Homestead. $\mathrm{It}^{\text {is }}$ ire-
sistent to
drey leaf spot and fusarium wilt sistent to grey lear spot and fusarium whi and moderately resistant to early bilight Fruit is large, smooth, deep ovate with red
flesh, less cracking than Rutgers or Homestead. The vine is indeterminate with shade stead ${ }^{\text {Phe }}$ vine is indeterminate with shade
and foliage equal to Rutgers and superior to Homestead. 85 days. Pkt. 35 c ; $1 / 4 \mathrm{oz}, 75 \mathrm{c}$; oz. $\$ 2.15 ; 1 / 4$ oz. $\$ 5.40 ;$ lb. $\$ 15.00$.


772 Turnip, Just Right

772 Turnip, Just Right All America silner for 1960 An $F 1$ Hybrid. It has heavy cut foliage and well developed white smooth roots of flattened globe shape. Most uniform in growth, Just Right is just that for both tops and roots. It promises the best all around combination turnip so far created, superseding both Shogoin and Seven Top. 55 days. Pkt. 35 c ; oz. $\$ 1.00 ; 1 / 4 \mathrm{lb} . \$ 3.00$, postpaid.

450 Watermelon, Sugar Baby
A small round melon, resembling Florida Giant (Cannonball) in appearance. It is an ice box type and apparently superior flesh and shipping qualities to other midget types. Flesh is red and $\underset{\text { oz. } 60 \mathrm{c} ; 1 / 4}{ }$ quality. $\$ 1.65$, postpaid.


450 Watermelon, Sugar Baby

## "TESTED SEEDS"

The term "tested seeds" as used in this catalog, and in all of our advertising means that every bag or package of seeds purchased at Wyatt-Quarles is supplied from a lot that has been carefully tested by the North Carolina Seed Testing Laboratory and the seeds are known to grow. Every lot of seeds reaching our warehouse is sampled and tested before the seeds are moved into our store for packaging or for sale in bulk. This accounts for the fact that "Wyatt-Quarles Tested Seeds" are more and more in demand in North Carolina and in the South.

Plant Wyatt-Quarles Tested Seeds and be sure of success

## PRICES

Prices shown on all Seeds, Bulbs, Plants, supplies and materials in this catalog are subject to change at any time. Postpaid prices, where shown, include postage through the 3rd zone. Additional postage will be required on orders to more distant points. Our catalog must be compiled during the fall months at which time it is impossible to establish prices on all items accurately
All offerings are without engagement subject to prior sale and the availability of supplies.
We warrant, to the extent of the purchase price, that Seeds or Bulbs sold are as described on the container, within recognized tolerances. We give no other or further warranty, express or implied.


30 Beans, Topcrop

## Bush Snap Beans

CULTURE: Plant in the spring after danger of irost and the soil is warm. For a continuous Select any well drained soil of loose texture with a pH of 5.5 to 6.5 . Fertilize with 800 lbs. of $6-8-6$
or $5-10-10$ per acre ( 3 quarts per 100 ft . row). Snap beans are susceptible to fertilizer injury each side and below seed. Make rows $21 / 2$ to 3
feet apart and plant seed 1,2 inches deep and 2 to 3 inches apart. Cultivate shallowly. Do not cultivate or pick beans when vines are wet. Side-
dress at time of bloom with 15 pounds nitrogen per acre ( $1_{2}$ cup of Nitrate of Soda, or equivalent per 100 ft . of row). Fifty pounds of seed to plant one acre; one lb. per 200 feet of row.

17 Bountiful Plaints are $16-20$ inches, upgreen. Pods are 6-7 inches $x{ }^{1 / 2}$ to $9 / 16$ inches. less. A good first early shipping and home
 lbs.@42c lb., postpaid.

## Asparagus Roots and Seeds This choice of spring vegetables should be grown in every garden as better quality can be produced there than can usually be bought 100 roots plant about $15 \times 50$ feet; 5,000 to 100 roots plant about 15 X 50 feet; 5,000 to mail with order or on request. <br> Washington Rust-Resistant Roots Strong two year old Roots. 25 roots $\$ 1.75$; 50 for $\$ 3.15$. 100 for $\$ 5.65$, postpaid. Not each; 1000 or More @ $31 / 2 \mathrm{c}$ each. <br> 14 New Pedigreed Washington Seeds Pedigreed Washington Asparagus as a standard for the home or market garden.

 postpaid.

14 Asparagus

## WYATT-QUARLES IDAHO

## FREEZING VARIETIES

Bush Snap Beans: Wade, Tendergreen, Cherokee Wax, Pole Snap Beans, Blue
Lakes, Kentucky Wonder (White Seeded).

20 Wade Wade has a high rating in plants are resistant to Common and Southern Bean Mosaic and Powdery Mildew. Height $20-24$ inches. Pods are long ( $6 \frac{1}{2}$ to 7 inches) straight, stringless, round, quite smooth, very dark green, and slow wilting. These outstanding characteristics make Wade an important shipping and marketing variety, as well as yield test by an N. C. Experiment Station yield test by an N. C. Experiment Station 197.8 bu. per acre of Tendere compared to 197.8 bu. per acre of Tendergreen. $50-52$ days.
Pkt. $15 \mathrm{c} ; 1 \% \mathrm{lb} .45 \mathrm{c} ; 1 \mathrm{~b} .75 \mathrm{c}: 2 \mathrm{lbs} . \$ 1.30 ; 3-9$ lbs.@ $\mathrm{s}^{\mathrm{c}} \mathrm{c}$ lb.; 10-24 lbs.@ 47 c lb., postpaid.

## 24 Tendergreen

The Standard all-purpose commercial and home garden bean for canning, freezing and shipping. Pods 6 to 7 inches, straight, excellent quality, round, dark green, stringless. Plants tall and strong holding beans off ground. You will find our carefully selected strain of this fine bean one of the very best for home consumption or for critical market purposes. 54 days. Pkt. $15 \mathrm{c} ; 1 / 2 \mathrm{lb} .40 \mathrm{c}$; lb. $70 \mathrm{c} ; 2 \mathrm{lbs}$ \$1.20; 3 to 9 lbs .@ 50 c Ib.; 10 to 24 lbs.@42c lb., postpaid.

## 25 Tennessee Green Pod

48 days. Pkt. $15 c ;{ }^{1 / 2}$ lb. 40c; lb. 70c; 2 lbs 44 c lb., postpaid.


28 Beans, Black Valentine Stringless

## 28 Black Valentine Stringless

A fine strain, which is productive, early and ine quality for market. Pods slender, oval. nearly straight, dark green, crisp, stringless, and tender. Safest bean for extra early spring ture long after picking Plants large thrifty ture long after picking. Plants large, thrifty, hardy, and prolific. 52 days. Pkt. 15c; $1 / 21 \mathrm{~b}$ lb.; 10 to 24 lbs. @ 42 clb ., postpaid

## 21 Commodore

Sometime called Bush Kentucky Wonder. Quite popular for home gardens because of its fine flavor for canning and freezing. High yielder for market. Pods 7 to $8 \frac{1}{2}$ inches long, dark green fleshy, fiberless, round and stringless. 58 days. Pkt. $20 \mathrm{c} ; 1 / 21 \mathrm{lb} .50 \mathrm{c} ; 1 \mathrm{lb}$. $85 \mathrm{c} ; 2 \mathrm{lbs}$. $\$ 1.50 ; 3-9 \mathrm{lbs}$. @ 65c $\mathrm{lb} . ; 10$ to 24 lbs. @ 52c lb., postpaid.
30 Toperop Plants are productive, are round, tender, meaty, $51 / 2$ to 6 inches ong, stringless and fiberless. Fine for freezing. For market, we recommend Wade Tendergreen, Stringless Black Valentine and contender as being better varieties. 50 days. Pkt. 15c; 1/2 1b. 45c; 1b. 75c; 2 lbs. $\$ 1.30$; 3 to lbs.@ 55c lb.; 10-24 lbs.@ 47 c 1b., postpaid.

## 18 Burpees Stringless

Plants are sturdy, bushy and productive. Pods are nearly round, slightly curved, stringless, meaty and fiberless, 5 to 6 inches long. 48 3 to 9 lbs. @ $50 \mathrm{c} 1 \mathrm{~b} . ; 10$ to 24 lbs . @ 42 c 1 b . postpaid.


20 Bean, wade

## 19 Contender (Buff Valentine)

An outstanding yielder. Mosaic and Powdery Mildew resistant. A very attractive bean, $61 / 2$ inches long, dark green, stringless and nearly round. Because of its extreme heat tolerance Contender is particularly valuable for fall cropping. Very high yields are possible with Contender on fertile soil or with extra nitrogen $5200 \cdot 3-9 \mathrm{lbs} 15 \mathrm{c}, 1 / 2 \mathrm{lb} .40 \mathrm{c}$, postpaid.

## 32 Pearlgreen Snapbeans

AAS '58. It has the very desirable quality of having white seed, which makes it particularly valuable as a canning variety. Pods are round quite green and firm, $5 \frac{1 / 2}{}$ to $61 / 4$ inches long Stringless at all stages. Plants are highly resistant to bean mosaic. Good yielder. Pkt. 25c; 1/2 1b. $55 \mathrm{c} ; 1 \mathrm{lb} .95 \mathrm{c} ; 2 \mathrm{lbs} . \$ 1.80 ; 3$ to 9 lbs . @ 78 c lb. postpaid.

## 34 Gardengreen Snapbeans

AAS '59. Pods are 5 to $5 \frac{1}{2}$ inches long, round, bright dark green, smooth and stringless. Gardengreen has an excellent flavor, free from fiber. Plants are most vigorous, growing about 18 inches tall, with dark green foliage and resistant to common bean mosaic. 52 days. Pkt. $25 \mathrm{c} ; 1 / 2 \mathrm{lb} .55 \mathrm{c} ; 1 \mathrm{lb} .95 \mathrm{c} ; 2 \mathrm{lbs} . \$ 1.80 ; 3$ to 9 lbs . @ $78 \mathrm{c} 1 \mathrm{~b} .$, postpaid.

## WAX PODDED BUSH BEANS

## 44 Cherokee

The outstanding wax bean for all purposes Records show Cherokee will almost double the yield of other wax varieties. Plants vigorous and producing over a long season. Bright, yellow pods, oval, 6 inches, slender, straight, stringless and fiberless. A U.S.D.A. development of recognized productiveness and tolerance to common bean diseases. 50 days. Pkt 20c: 1/ 1 b .45 c lb. 75c; 2 lbs. $\$ 1.30 ; 3$ to 9 lbs. @ 55c 1b.; 10 to 24 lbs.@47c 1b., postpaid.


44 Beans, Cherokee Wax

## GROWN Snap Beans



107 Beans, Kentucky Wonder

## POLE SNAP BEANS

51 Kentucky Wonder Pole Wax The best wax pole bean. 65 days. Pkt. 25c; 1/2 lb.; 10 to 24 lbs.@ 57 c lb., postpaid.

## 104 White Half Runner

Wherever this bean is tried it immediately becomes popular because of the distinctively good bean flavor. Vines are bushy, short runners, very productive of short ( 4 to 5 inch round, fleshy but stringy pods at maturity.
 \$1.30; 3-9
postpaid.

106 Blue Lakes Stringless
A white seeded, high producing stringless variety. Excellent for canning and freezing as well as using fresh. Pods are dark green round, medium in length, smooth, straight, tender, and fleshy. Vines resistant to common Mosaic and some strains of rust. 65 days. 9 lbs .@ 52 c lb.; 10 to 24 lbs @ $44 \mathrm{c} 1 \mathrm{lb} .$, postpaid.

## 107 Kentucky Wonder or Old

 Homestead An old favorite with home orous grower and climber and a wonderfully heavy producer. The pods are 6 to 8 inches ong, round, dark green in color, very meaty tender and practically stringless. 70 days lbs.@ 50 c 1b.; $10-24 \mathrm{lbs}$.@ 42 c lb., postpaid.

106 Beans, Blue Lake (Pole)

## 108 Kentucky Wonder <br> 191

## (White Seeded)

Pods $81 / 2$ inches long, thick and oval, dark green, tender and stringless at snap stage. A white where rust is prevalent. 64 days, pkecommended $40 \mathrm{c} ; 1 \mathrm{lb} .70 \mathrm{c} ; 2 \mathrm{lbs} . \$ 1.25$; 3 to 9 lbs . @ 52 c 1 b 10 to 24 lbs.@ 44 c lb., postpaid.
102 Genuine Cornfield Strong probearing an abundance of nearly round stringless straight, $6^{1 / 2}$ inch beans. They are fleshy tender and delicious at picking stage becoming somewhat stringy later. 71 days. Pkt. 15 c ; $1 / \mathrm{ib}$. 40 c ; $1 \mathrm{~b} .70 \mathrm{c} ; 21 \mathrm{bs}$. $\$ 1.20 ; 3$ to 9 1bs.@ $50 \mathrm{c} 1 \mathrm{lb} . ; 10$ to 24 lbs.@ 42c lb., postpaid.
110 Nancy Davis or Striped
Creaseback Excellent variety for planting tive, medium early variety that bears quantities of fat, round, 2 pods. b. 40 c ; lb. 70c: 2 lbs. $\$ 1.20$; 3 to 9 lbs .@ 50 c 1 lb . 10 to 24 lbs.@ 42c ib., postpaid.

## WYATT-QUARLES BUSH LIMA OR BUTTER BEANS

CULTURE: Plant well after danger of frost and When soil has warmed up. Seeds tend to decay in cold, wet soils. Select a loose well drained soil with a pH 5.5 to 6.5. Fertilize with 800 lbs. of 6-8-6 or 5-10-10 per acre ( 3 qt. per 100 ft . row) Mix fertilizer thoroughly with the soil or apply seed. Plant seed 11 inches deep, 4 to 6 inches seert in rows 3 feet apart Sidedress with 15 lbs of nitrogen per acre $1 / 2$ cup of Nitrate of Soda of nitrogen per acre ( $1 / 2$ cup of Nitrate of Soda, blooms appear, Additional similar sidedressings at 3 week intervals will prolong bearing season Fifty pounds of small seed varieties, or 75 lbs of large seeded varieties per acre. About one lb of the large seeded will plant 100 ft . of row.

63 Fordhook 242 A distinct improveard Fordhook, especially in setting beans. The vigorous plants have more foliage and will set pods in abundance even during hot dry weather The beans have the same fine quality and are large and thick. $70-75$ days. Pkt. 15c; $1 / 2$ 1b. 40 24 lbs. @44c 1b., postpaid.


65 Beans, Greenseeded Henderson


71 Butterpeas, White
65 Greenseeded Henderson (Thorogreen) Similar to the popular that the beans retain their green color longer and are therefore preferred especially for freezing and canning. 65 days. Pkt. $15 \mathrm{sc} ; 3$, $3 /$
 lb.; 10 to 24 lbs. @ 42 c lb., postpaid.

67 Burpee's Improved Bush Lima 72 days. Large, flat, white lima beans. Pkt.


## 68 Calico Bush or Jackson

Wonder Lima More productive and ditions better. Rich withstands adverse con-



64 Baby Fordhook small round
 ${ }_{2}$ lbs. ibs. @ 48c ib., postpaid.

## 66 Henderson's Bush Lima

We are quite proud of our fine strain of this most popular small white seeded bush butter or lima bean. Plant small, dark green, bushy to 4 flattish. small ovai beans. 65 days. Pkt. $15 c$; to 4 flattish, small oval beans. 65 days. Pkt. 15 c ; ib.; 10 to 24 lbs.@ 42c ib., postpaid.
69 Prolific Bush Lima White beans than Henderson Bush. Pkt. 15c; $1 / 1 / 1 \mathrm{lb}$. 40 c ; ; bh. $70 \mathrm{c} ; 2 \mathrm{lbs}$. $\$ 1.20 ; 3$ to 9 lbs @ 50 c 1 lb .; 10 to 24 lbs.@ 42c 1b., postpaid.
71 Butterpeas, White $\begin{gathered}\text { A very pron- } \\ \text { ductive, smail }\end{gathered}$ bush butter bean, so named because of its deliciously rich flavor. A valuable new variety for your garden for serving fresh, freezing, canning or marketing. Plant successively throughout the ormmer 65 days Pkt $15 \mathrm{c} \cdot 1 / 1 \mathrm{boc}$. Pb . lbs. $\$ 1.25$; 3 to 9 lbs.@ 52 c 1b.; 10 to 24 lbs .@ 44c lb., postpaid.


66 Beans, Henderson Bush

# WYATT-QUARLES POLE LIMA OR BUTTER BEANS 



86 Beans, Carolina Sieva
CULTURE: Planting, fertilization, and cultivation similar to bush beans, except for spacing. Plant in rows 4 to 5 feet apart. Use 7 to 8 ft . stakes spaced 18 to 30 inches in row, 3 to 4 plants per stake, or a trellis, drill seed 6 to 8 the pole in a counter clockwise direction. 30 lbs. of seed per acre. $1 / 2 \mathrm{lb}$. seed per 200 ft .

## 81 Calico Pole or Florida Butter

 Yields an abundance of rich flavored beans till frost. 85 days. Pkt. $15 \mathrm{c} ; 1 / 2 \mathrm{lb} .40 \mathrm{c} ; 1 \mathrm{~b} .65 \mathrm{c} ; 2 \mathrm{lbs}$. ib., postpaid.

## Freezing Varieties

Beans, Lima: Bush, Fordhook 242, Green Seeded Henderson, Pole, Sieva.

82 Willow Leaf Pole $\begin{gathered}\text { Small white } \\ \text { pole butter }\end{gathered}$ bean similar to Sieva but said to be butter bean similar to Sieva but said to be resistant to bean beetles. 80 days. Pkt. $15 \mathrm{c} ; 1 / \mathrm{lb} \mathrm{lb} .45 \mathrm{c}$;
$\mathrm{lb} .75 \mathrm{c} ; 2$ lbs. $\$ 1.30 ; 3$ to 9 lbs . $055 \mathrm{c} 1 \mathrm{~b} . ; 10$ lo. 24 lbs .@ 47 c lb., postpaid.

## 84 King of the Garden

Very large white seeded pole lima. 85 days. Pkt. 15 c ; $1 / 2$ lb. 45 c ; 1b. 75 c ; 2 1bs. $\$ 1.30$; 3 to 9 lbs. @ 55c lb.; 10 to 24 lbs. @ 47 c

## 85 Improved Pole Lima

Grows larger than the Carolina Sieva and is considered more prolific. 78 days. Pkt. lbs. @ 50 c 1 lb .; 10 to 24 lbs .@ $42 \mathrm{c} 1 \mathrm{lb} .$, postpaid.

## 86 Carolina Sieva or Small Pole Lima

The best small pole butter bean. Very prolific, early and stands more cold weather than $1 \mathrm{lb} .65 \mathrm{c} ; 2 \mathrm{lbs} . \$ 1.15 ; 3$ to 9 lbs. @ $47 \mathrm{c} 1 \mathrm{lb} . ; 10$ to 24 lbs.@ 39 c 1 b ., postpaid.


## 87 Giant Calico Pole

This is a large sized speckled pole butter bean similar to the smaller Calico or Florida Butter Produces an extremely heavy crop of deliciously rich flavored beans over a wide season. 80 days (15c: 1/ 1b. $40 \mathrm{c} ; 1 \mathrm{~b} .75 \mathrm{c}$; 2 lbs. $81.30 ; 3$ to lbs. @ 55 c 1b.; 10 to 24 lbs.@ 47 c lb., postpaid.

## BEETS Growthe Yeat Round

## Beets are easy to grow:

CULTURE: A cool season crop, plant seed in February or March for spring crop, and in July or August for fall crop. For well shaped roots a loose textured soil with pH of 6.0 to 6.5 is desirable. Fertize with 1,200 ibs. of acre (o qts. per 100 ft . of row). If internal black spot or canker is a problem, apply borax at the rate of 15 lbs. per acre mixed with the fertizer (2 eve tablespoons per 100 ft . of row). Drill seed $1 / 2$ inch deep,, 2 inch apart, in rows 2 to 3 feet apart. When plants are 2 inces with 15 lbs to 1,2 to 2 inches apart. Sidedress with 15 los. nitrogen per acre (,2 cup of Nitate or Soda, or equivalent, per 100 . or 4 to 6 inches high. Six acre; ounce per 100 ft . of row

123 Crosby's Egyptian One of the be ready for market. The skin is smooth and dark red; foliage sparse and erect. The roots are almost round, with a small taproot and a very small crown of leaves. The flesh of the beets is deep blood-red, with slightly lighter zonings. Texture crisp and free from fiber 55 days. Pkt. 15 c ; oz. 25 c ; $1 / 4 \mathrm{lb}$. 65 c ; 1b. $\$ 1.75$, postpaid.

## 127 Beet, Perfected Detroit <br> Smooth, globe shaped, oxblood-red roots with medium tall green tops and rich dark red flesh plus dependable high yields earned an days. Pkt. 15 c ; oz. 25 c ; $1 / 4 \mathrm{lb}$. 65 c ; $\mathbf{1 b}$. $\$ 1.75$, postpaid. <br> 128 Detroit Dark Red

A standard variety for truckers, shippers, canners, and home gardeners. Attractive roots are globular, smooth, uniform. Color deep oxblood distinct lighter red zones. Fine quality, sweet and ten$1 / 4 \mathrm{ib} .65 \mathrm{c}$; lb. $\$ 1.75$, postpaid.

## 125 Early Blood Turnip

Early market beets, also suitable for the home garden. The roots are nearly round; exterior color dark red, flesh exterior color dark red, flesh zones, crisp tender sweet zones, crisp, tender, sweet and a good keeper. 50 days lb. $\$ 1.75$, postpaid.

## 138 Swiss Chard or Spinach Beet

Swiss Chard is prepared for table in the same manner as table in the same manner as spinach. Seeds planted early in the spring will quickly produce plants from which cuttings may be made in 24 days, and continued all summer Late summer seeding produces a cold hardy crop ground and new shoots will ground and up and make soon spring up and make a rast growth. 25 days. Pkt $15 \mathrm{c} ;$ oz. $25 \mathrm{c} ; 1 / 4 \mathrm{lb} .65 \mathrm{c}: 1 \mathrm{~b}$.
$\$ 1.70$, postpaid,


141 Broccoli, Italian Green Sprouting
Culture same as Cabbage.

## 141 Italian, Green Sprouting

Plants medium tall, rapid growing and produce a large head of dark bluish green color at center of plant in about 70 days from date of planting. The head is a compact cluster of tightly closed flower buds. When the central head is cut numerous sprouts develop from the leaf axis each sprout terminating in small green separate heads. These are cut in lengths of 10 to 12 inches. Served in the same way as asparagus forming a very tasty and nourishing dish. June seeded plants transplanted in July provide a welcome mid-winter crop in this latitude. 70 days. Pkt. $15 \mathrm{c} ;$ oz. $45 \mathrm{c} ; 1 / 4$ lb. $\$ 1.05$; lb. $\$ 3.00$ postpaid.
143 Broccoli, Salad $\begin{gathered}\text { This variety has } \\ \text { become popular in }\end{gathered}$ the eastern part of North Carolina. It is planted the eastern part of North Carolina. It is planted in the ran, and min the Sets which are cut and bundled for market wiouts wn most greens pkt 15 c ; oz 25c; 1/4 1b 65c. lb most greens. Pkt. 15c; oz. 25c; $1 / 4$ 1b. 65c; lb 1.75 , postpaid

## BRUSSELS SPROUTS

One ounce will produce
3,000 plants
CULTURE: Extremely cold hardy. Sow seeds in bed during August for mid-winter and early spring crop. Sow again during January or February for late spring and summer crop. Set plants in 2,2 , 3 to nere family and responds bage family and responds to same care.


148 Long Island Plants 18 inches to : thickly covered with small, firm cabbage liki balls. which mature in succession from base 0 plant to top. 100 days. Pkt. $15 \mathrm{c} ; 1 / 2 \mathrm{oz} .40 \mathrm{c} ; \mathrm{oz}$ $70 \mathrm{c} ; 1 / 4 \mathrm{lb}$. $\$ 1.80$, postpaid.

## Wyatt-Quarles <br> CABBAGE SEEOS

Western Grown-Disease Free


151 Cabbage, Early Jersey Wakefield
CULTURE: A cool season crop grown mostly in spring and fall, but also grown in winter in coastal areas and in summer in mountain areas. Cabbage is grown on all types of soils from the sands and mucks to the heavy soils. A sandy loam, high in organic matter with a pH of 6.0 to 6.5 is preferred. Fertilize with 700 to 1,000
lbs. per acre of $8-8-8$ containing 20 lbs. of borax per ton ( $21 / 2$ to 4 qts. of $8-8-8$ and 2 level tablespoons of borax per 100 ft . of row). Sidedress with 30 lbs . nitrogen ( 1 cup Nitrate of Soda, or equivalent, per 100 ft . of row).

One ounce of seed produces about 1,500 plants; one-half pound of seed will produce plants for an acre.
For winter and early spring crop, plant seed in fall and transplant when plants are large enough. For spring planting, sow seed in beds December to February. For fall crop, sow seed in late June and July. Space plants 12 inches apart in rows 3 feet apart.

## 151 Early Jersey Wakefield

 Earliest pointed head variety. Plants medium size, uniform, and with few outer leaves. 2 to 3 pounds. firm heads, interior white, crisp, tender. A dependable cropper of good quality and excellent flavor. You will profit from these extra qualities in our fine strain of this popular variety. 63 days. Pkt. 15c; $1 / 2$$1 / 4 \mathrm{lb} . ~ \$ 1.25 ; 1 \mathrm{lb} . \$ 3.00$, postpaid.
166 Ferry's Round Dutch The round quality, solid, early. Heads a heads are top across and $51 / 2$ to $61 / 2$ inches deep, averaging $41 / 2$ to 5 pounds each and ready for the market $15 \mathrm{c} ; \mathrm{m}_{1 / 2} \mathrm{oz} .35 \mathrm{c}$; oz. 55 c ; $1 / 4 \mathrm{lb}$. $\$ 1.45$; 1b. $\$ 4.00$, postpaid.

170 Chieftan Savoy Especially cold nearly round, firm, large coarsely savoyed, dark green leaves. Well known for its extra fine flavor and tenderness. 85 days. Pkt. $15 \mathrm{c} ; 1 / 2 \mathrm{oz}$. $35 \mathrm{c} ; \mathrm{oz} .55 \mathrm{c} ; 1 / 4 \mathrm{lb} . \$ 1.45$; 1b. $\$ 4.00$, postpaid.

## 152 Charleston Large

Wakefield Matures about ten days later than Early Jersey Wakefield. The heads are blunt pointed but oroad at the base and fully one-half larger than the Jersey Wakefield. A favorite with shippers on account of its hardiness, earliness and size. 73 days. Pkt. $15 \mathrm{c} ; 1 / 2$ oz. $30 \mathrm{c} ; \mathrm{oz} .50 \mathrm{c} ; 1 / 4 \mathrm{lb}$. $\$ 1.25 ;$ lb. $\$ 3.00$, postpaid.

## 153 Large Late Flat Dutch

The heads are flat but deep, distinctly flattened on top, solid and of excellent quality A late fall or winter variety. 100 days. Pkt 15c; 1/2 oz. 30c; oz. $50 \mathrm{c} ; 1 / 4$ lb. $\$ 1.25 ;$ lb. $\$ 3.00$ postpaid.

161 All Seasons A valuable medium reliable header. It resists heat and drought reliable header. It resists heat and drought fine quality. 85 days. Pkt. 15 c ; $1 / \mathrm{oz}$. 25 c ; oz. $40 \mathrm{c} ; 1 / 4 \mathrm{lb}$. $\$ 1.10 ; 1 \mathrm{~b}$. $\$ 3.00$, postpaid.

165 Early Flat Dutch A standard sort, sure, solid header of even size, weight average 10 pounds each. It succeeds in most sections of the South, as it resists heat well. 75 days. Pkt. $15 \mathrm{c} ; 1 / 2 \mathrm{oz} .30 \mathrm{c} ; \mathrm{oz}$. 50 c ; $1 / 4 \mathrm{lb}$. $\$ 1.25 ; 1 \mathrm{~b} . \$ 3.00$, postpaid.


170 Cabbage, Chieftan Savoy

## 169 Chinese or Celery Cabbage, Michihli Can be sown early in spring and surest header of the Chinese Cabbage Dark surest header of the Chinese Cabbage. Dark green leaves, uniform heads 3 to 4 inches and can be served as a salad like lettuce, or cooked like asparagus. 75 days. Pkt. 15 c ; $1 / 2$ oz. 35 c ; oz. 55 c ; 1/4 1b. $\$ 1.45$; 1b. $\$ 4.00$,

 postpaid.

166 Cabbage, Ferry's Round Dutch. Most important commercial cabbage in North Carolina.


169 Chinese Cabbage

WYATT-QUARLES CARROTS


186 Carrot, Long Orange 185 Carrot, Danvers Half-Long

CULTURE: A hardy vegetable that may be grown in both spring and fall. The carrot thrives best in a deep, loose, fertile, loamy soil with pH of 6.0 to 6.5 . Fertilize with $1,200 \mathrm{lbs}$. of $8-8-8$ per acre ( 5 qts. per 100 ft . row). Sidedress with 15 lbs . of nitrogen per acre ( $1 / 2$ cup of Nitrate of Soda, or equivalent, per 100 ft . of row) when the plants are 4 to 6 inches high. Space rows 2 to 3 feet apart and drill seed at rate of 25 to 30 seed per foot, $1 / 2$ inch in depth. Thin plants to one or two inches apart when 2 inches in height. Four lbs. of seed per acre; $1 / 2 \mathrm{oz}$. per 100 ft . of row.

182 Imperator $\begin{gathered}\text { An outstanding type de- } \\ \text { veloped to met }\end{gathered}$ mand of the most veloped to meet the delong, smooth carrot enough for carrot. Tops are medium but strong shoulders, soouth deep rich orange rounded tapered to smooth deep rich orange, uniformiy tapered to a semi-blunt end. Flesh fine grained, tender and of excellent quality. 77 days. Pkt. $15 \mathrm{c} ; 1 / 2 \mathrm{oz} .25 \mathrm{c}$; oz. 40 c ; $1 / 4 \mathrm{lb} .95 \mathrm{c} ; 1 \mathrm{lb} . \$ 1.75$, postpaid.
186 Long Orange $\underset{\text { Aight soils. The flesh }}{\text { Agod variety for }}$ is deep orange, lighter core and this variety is considered the heaviest cropper of all carrots. Splendid for stock feeding. 80 days. Pkt. 15 c ; $1 / 2$ oz. 25 c ; oz. 40 c ; $1 / 41 \mathrm{lb}$. 95 c ; 1b. $\$ 1.75$, postpaid.

## 185 Danvers Half-Long $\begin{gathered}\text { This fine } \\ \text { halftlong va- }\end{gathered}$

 riety commands approval wherever planted. Bright orange throughout, smooth roots taper to a blunt point. Roots uniform and tender, average $6 \frac{1}{2}$ inches. It is grown principally for a late main crop and produces a high yield. 75 days. Pkt. $15 \mathrm{c} ; 1 / 2 \mathrm{oz}$. $25 \mathrm{c} ;$ oz. $40 \mathrm{c} ; 1 / 4 \mathrm{lb}$. $95 \mathrm{c} ; \mathrm{lb}$. $\$ 1.75$, postpaid.
## CELERY

Celery is a cool season crop and should be seeded in a protected bed 10 to 14 weeks before field setting. It will stand light spring frosts, and should be set in the field slightly before the last frost in the spring. Cultural instructions mailed on request. Three ounces of seed will produce duce about 20,000 plants.

## 202 Golden Self-Blanching

Plants compact and stocky with yellowish-green foliage, stalks perfectly solid of fine flavor and attain a good size. Pkt. 20c; $1 / 2$ oz. $45 \mathrm{c} ;$ oz. 80 c : 1/4 1b. \$2.15, postpaid.

## COLLARDS

## 102 for 150 feet of row, 1. 1 b. for an acre.

CLLTEE: The collards grows best during cool seasons, but may be grown throughout the year. Seed are sown in both spring and summer, either directly in rows or in beds for transplanting. It is widely grown for use as a leafy green source of primarily during the fall and winter months. Collards are an important every graden. It is grown on all kinds of soil, but sandy loams and silt loams having a pH of $6.0-6.5$ are considered best. Space 18 to 24 inches apart in 3 to 4 ft . rows. Use 800 lbs . of $8-8-8$ fertilizer per acre ( 3 qts . per 100 ft . of row). Sidedress with 15 lbs . of nitrogen per acre ( $1 / 2$ cup Nitrate of Soda, or equivalent, per 100 ft . row) six weeks after transplanting and later as needed at 3 week intervals. One-fourth 1 b . seed will produce enough plants for one acre. One ounce will produce about 5,000 plants

## 226 Morris Improved Heading

Plants are compact pro ducing heavy heads on short stems and can be set closer in the rows, increasing the tonnage per acre. Leaves are slightly savoyed, darker green han ordinary collards and the flavor is distinctly better. 85 days. Pkt. 15 c ; $1 / 2$ oz. 30 c ; oz. 50 c ; $1 / 4 \mathrm{lb}$. $\$ 1.25 ;$ lb. $\$ 3.50$, postpaid.


226 Collard, Improved Heading

## 224 North Carolina Short Stem

 Short stems and large leaves. This variety withstands drought in summer and cold in winter better than other varieties. 80 days. Pkt. 15c; oz. 25c; 1/4 $1 \mathrm{~b} .75 \mathrm{c} ; 1 \mathrm{~b}$. $\$ 2.00$, postpaid.222 Vates Developed by and named for the tion. Best open Virginia Truck Experiment Stacold hardy, Slow or loose head collard. Small, low green rib. 90 days. Pkt. $15 \mathrm{c} ; \mathbf{0}$ oz. $\mathbf{3 5 c}$; $1 / 4 \mathrm{lb} .90 \mathrm{c} ; \mathbf{l b}$ $\$ 2.50$, postpaid.
225 Cobbage This collard will not winter-kill weather. The plant has medium height during hot of loose folding tender leaves forms the head. 90 days. Pkt. 15 c ; oz. $25 \mathrm{c} ; 1 / 4 \mathrm{lb}$. $75 \mathrm{c} ; 1 \mathrm{~b}$. $\$ 2.00$, post paid.


191 Cauliflower, Snowball
CAULIFLOWER
One ounce of seed will produce 1,500 plants, $1 / 2$ pound sufficient for an acre
191 Snowball Adapted to forcing and and even late summer growing. A remarkably, sure header and matures in about 60 days after planting. Plants are compact and produce medium to large round, snow white heads, 9 to 10 inches in diameter of excellent quality and flavor. 60 days. Pkt. $25 \mathrm{c} ; 1 / 4$ oz. $\$ 1.05 ; 1 / 2 \mathrm{oz}$ $\$ 1.75$; oz. $\$ 2.90$; $1 / 4 \mathrm{lb}$. $\$ 8.00$, postpaid.


289 Cucumber, Marketer, Outstanding Commercial Cucumber


280 Cucumber, Early Green Cluster

Santee年 yielding and mid-season variety resistant to downy mild mosed pring pinting. slecom type 65 days early $15 \mathrm{c} ; \mathrm{oz} .40 \mathrm{c} ; 1 / 4 \mathrm{ib} . \$ 1.10 ; \mathrm{lb} . \$ 3.00$, postpaid.

## 280 Early Green Cluster

## Small fruits, $5 \frac{1 / 2}{}$ in. long borne in clusters

 Rather chunky, uniform, medium green Rather chunky, uniform, medium green, and pickling. 55 days. Pkt. 15 c ; oz. $25 \mathrm{c} ; 1 / 4 \mathrm{lb}$. 70 c ; $1 \mathrm{lb} . \$ 2.00$, postpaid.284 Long Green Since the color is and does not hold as long as some of the and does not hold as long as some or the superior varieties of green cucumbers, this variety is no longer used as a comality for cuke. A good sling cuke of he home gardener. 68 days. Pkt. 15c; oz. 30c; $1 / 4 \mathrm{lb} .90 \mathrm{c}$, postpaid

285 National Pickling The princicial pickling variety. Fruits 6 in. long, medium preen, full ended and symmetrical, medium green, full ended and symmetrical, 56 days. Pkt. 15 c ; oz. 25c; $1 / 4 \mathrm{lb}$. 70 c ; 1 lb . $\$ 2.00$, postpaid.

## 292 Early Surecrop Hybrid

 Plants of exceptional vigor, resistant to Mosaic and Downy Mildew, remaining green and productive much longer than most varieties. Fruits are slender, blunt ended, 8 to inches long, dark green with crisp white flesh of fine flavor and quality. Commercial growers will find this an extra profitable cuke. 58 days. Pkt. 35 c ; $1 / 2$ oz. $\$ 2.40$; oz. $\$ 4.00$, postpaid.299 White Wonder Crisp and white days. Pkt. 25 c ; oz. $45 \mathrm{c} ; 1 / 4 \mathrm{lb} .90 \mathrm{c} ; 1 \mathrm{~b}$. $\$ 2.50$, postpaid.

289 Marketer An important commercial dark green color which is small seed color which is held over a long period, small seed area. Fruits 8 inches long, uniform, cylindrical ends tapering. Mid-season. Susceptible to downy mildew. Slicing type. 65 days.
Pkt. $15 \mathrm{c} ;$ oz. $35 \mathrm{c} ; 1 / 4 \mathrm{lb} .90 \mathrm{c} ; 1 \mathrm{~b} . \$ 2.50$, postpaid.

294 Gherkin or Burr A strong, vigorous grower. Fruit 11/2 Coverch, small, oval shape, light green, uniform. lent pickith short prickly spine. Makes excellent pickles when used very young. 60 days. Pkt. 25c; oz. 60c; 1/4 1b. \$1.50, postpaid.


286 Cucumber, Santee, Outstanding Commercial Cucumber


292 Cucumber, Early Sure Crop Hybrid
WYATT-QUARLES SEED CO.

# WYATT-QUARLES NORTHERN GROWN Raasting Ear and Sugar Corn 

One pound will plant about 200 hills; 10 pounds will plant an acre

CULTURE: Sweet corn, a warm season annual, is increasing rapidly in importance in the South. Improved methods of refrigeration and handling which reduce the rate of loss of sugar, have made it possible to produce sweet corn commercially. It is a standard crop in home gardens. After harvest, sweet corn should be immediately placed in temperature conditions of $35-40$ degree $F$ to prevent the loss of sugar and a lowering of quality. It can be grown on a great variety of soils. A well drained sandy loam with adequate humus supply and moisture is desirable. Fertilize with 500 lbs . of $8-8-8$ per acre ( 2 qts . per 100 ft . of row) prior to planting the seed. Sweet corn responds to nitrogen sidedressing. Apply about 80 lbs . of nitrogen in split applications, 40 lbs . ( $11 / 2$ cups of Nitrate of Soda, or equivalent, per 100 ft of row) when plants are about knee high and 40 lbs . when tassels begin to show. Plant seed in hills one foot apart, or drill seed and thin. One or two plants per foot is recommended. Rows should be spaced 3 feet apart. Two ounces of seed to plant 100 ft . of row; 10 lbs . seed per acre.

## ROASTING EAR CORNS



253 Truckers Favorite
253 Truckers Favorite The Standard home and market in the South. Hardy and can be planted early in spring producing attractive ears $8-9$ inches long, 12 to 16 rowed. 75 days. $71 / 2$ to 8 ft tall. Pkt. 15 c ; $1 / 21 \mathrm{lb} .30 \mathrm{c} ; 1 \mathrm{~b} .55 \mathrm{c}$; 2 lbs. 90c; 3 to 9 lbs.@ $36 \mathrm{c} 1 \mathrm{~b} . ; 10$ to 24 lbs @ 28c lb., postpaid.


$$
255 \text { Bland's Extra Early }
$$

255 Bland's Extra Early $\underset{\substack{\text { (Earliest } \\ \text { of A11 }}}{\text { And }}$ The earliness and prolific qualities of Bland's makes it very popular for truckers and home gardeners. Produces two well filled, 8 inch ears which are tasty, tender and sweet. $53-58$ days. $51 / 2-61 / 2 \mathrm{ft} . \mathrm{tall}$. Pkt. 15 c ; $1 / 2 \mathrm{lb} .35 \mathrm{c} ; 1 \mathrm{~b} .60 \mathrm{c}$; 2 lbs. $\$ 1.00$; 3 to 9 lbs .@ 40 c 1 b .; 10 to 24 lbs . @ 32c 1b., postpaid.

## 251 Ideal or Large Adams

It is similar to Extra Early Adams but about two weeks later. Ears are 8 inches long. 65 3 to 9 Pbs. @ 38 c 1 lb .; 10 to 24 lbs 。@ 30 c lb., postpaid.


238 Seneca Chief

For canning or freezing, use Golden Cross Bantam, Ioana or Seneca Chief.

## 250 Extra Early Adams

Second earliest of the white roasting ear varieties. Hardy and adapted to early planting. Ears slightly tapered, $6 \frac{1 / 2}{2}$ inches, $10-14$ straight rows of kernels. 65 days. $4^{1 / 2-51 / 2} \mathrm{ft}$ tall. Pkt. 15c; $1 / 2 \mathrm{lb} .35 \mathrm{c} ;$ 1b. 60c; 2 lbs . $\$ 1.00$ 3 to 9 lbs . @ $40 \mathrm{c} 1 \mathrm{lb} . ; 10$ to 24 lbs . @ 32 c 1 lb . postpaid.

## 257 Hybrid Truckers Favorite

 You are familiar with the outstanding performance of our Hybrid Field Corns. Now e orfer HYBRID TRUCKERS FAVORITE. extra early, drought resistant, productive to 9 lbs. @ 50 c ; 10 to 24 lbs @ 42 c 1 b postpaid.252 Silver King Ears 12 to 16 rows breadth and fairly deep, white, good flavor When in milk stage. Stalk 8 feet. Length of ear 9 inches. Ready several days before ruckers Favorite. 65 days. Pkt. $15 \mathrm{c} ; 1 / 21 \mathrm{lb}$


F6 Hickory King Widely used by roasting ear corn. Extra large white kernels, roasting ear corn. Extra large white kernels. 40 c 1 b .; $10-24 \mathrm{ibs}$.@ 32 c 1 lo ., postpaid.

## SUGAR CORNS

240 Golden Bantam $\begin{gathered}\text { Ears average } \\ 6 \\ \text { inches long }\end{gathered}$ with eight rows of delicious 6 inches long 80 days. Pkt. $15 \mathrm{c} ; 1 / 2 \mathrm{lb} .40 \mathrm{c} ; 1 \mathrm{lb} .65 \mathrm{c} ; 2 \mathrm{lbs}$. $\$ 1.15 ; 3$ to $9 \mathrm{lbs} .46 \mathrm{c} 1 \mathrm{~b} . ; 10$ to $24 \mathrm{lbs} ., 38 \mathrm{c}$ lb., postpaid.

238 Seneca Chief yxeellent quality: Plants sturdy, leafy, $6 \frac{1}{2}$ to 7 ft . tall. Ears 6 to 7 inches long with 12 rows of deep, narrow, exceptionally tender high quality kernels. Because of the special type starch in Seneca Chief, the ears will hold in excelent eating condition longer than most other varieties and is unsurpassed for canning, rreezing and home or market use. 80 days.
 postpaid.

## 242 loana (Hybrid) a very desire-

 variety, resistant to drought and bacterial wilt. Plants sturdy and vigorous producing a big crop of handsome round tipped ears of light yellow medium sized kernels. Excellent flavor and quality 85 days. 6 ft . tall. Pkt. $15 \mathrm{c} ; 1 / 2 \mathrm{lb} .45 \mathrm{c} ; 1 \mathrm{lb} .75 \mathrm{c}$$2 \mathrm{lbs} . \$ 1.30 ; 3$ to 9 lbs @ $56 \mathrm{c} 1 \mathrm{lb} . ; 10$ to 24 lbs. @ 48c lb., postpaid.

## 241 Hybrid Stowell's Evergreen

Stalks sturdy with large, close growing, upright ears. The medium cob has 16 to 18 rows of white, medium wide, tender grains. $\$ 1.50 ; 3$ to 9 lbs . @ 65 c 1 lb .; 10 to 24 lbs .@ 57 c 1b., postpaid.


243 Aristogold

243 Aristogold Extra large 8 to 10 inches, liciously sweet sugar golden yellow ears of decob. A high yielding hybrid to 18 rows per cob. A high yielding hybrid of great vigor who appreciate its high quality, yield and who appreciate its high quality, yield and $20 \mathrm{c} ; 1 / 2 \mathrm{lb} .55 \mathrm{c} ; 1 \mathrm{lb} .95 \mathrm{c} ; 2 \mathrm{lbs} . \$ 1.70 ; 3$ to 9 lbs . @ 75c lb.; 10-24 1bs.@67c 1b., postpaid.

248 Stowell's Evergreen Well adapted to retains its good eating qualities over a long period. Ears $81 / 2$ to $91 / 2$ inches, 16 to 18 rows crowded with white plump kernels. 90 days. 8 $\$ 1.15 ; 3$ to 9 lbs.@ 46 c 1 lb .; 10 to 24 1bs.@ 38c ib., postpaid.

249 Country Gentleman $\underset{\text { A prolific va- }}{\substack{\text { riet } \\ \text { ex- }}}$ cellent quality, ears 7 to 8 inches riety of exvery deep slender shoepeg shaped. Kernels very crowded and in irregular formation on a small cob. 95 days. $7-8 \mathrm{ft}$ tall. Pkt. $15 \mathrm{c} ; 1 / 21 \mathrm{lb}$. $40 \mathrm{c} ; 1 \mathrm{lb} .65 \mathrm{c} ; 2 \mathrm{lbs} . \$ 1.10 ; 3$ to 9 1bs. @ $46 \mathrm{c} 1 \mathrm{~b} . ;$ 10 to 24 lbs.@38c lb., postpaid.

244 Gold Strike A new outstanding me-green-Type Hybrid, which is adapted to this ocality. Stalks are strong and vigorous, averaging $61 / 2$ to 7 ft . tall. Generally two good ears Ears are, bory about so inches abo ground. Ears are very attractive $81 / 2$ mehes long, $16-18$ rows, nearly cylindrical; uniform size, shape yellow tender with excellent flayar and bright Gold Strike has shown splendid drought and disease resistance. 85 days. Pkt. 25 c ; 1 ght and disease resistance. 85 days. Pkt. 25c; 1/2 1b. 70c


## 246 Table Joy Noted for its tenderness,

 Under average growing and ditions, plants reach a height of five to six feet and produce two or more ears per stalk. Ears are seven to eight inches in length and contain 12 to 16 rows of golden yellow kernels. 85 days $1 / 2$ 1b. 65c; 1b. $\$ 1.25$, postpaid.
## 254 Golden Cross Bantam (Hybrid)

 A disease-resisting hybrid sugar corn of excelent quality and flavor. Ear formation very uniform in size, shape, and maturity. 7 to 8 nches, cylindrical, 12-16 straight rows of rich yellow kernels. Used extensively for canning freezing, market, shipping and the home garden 85 days. $61 / 2-71 / 2 \mathrm{ft}$ tall. Pkt. 20c; 1/2 1b. 45 c . b. $75 \mathrm{c} ; 2 \mathrm{lbs}$. $\$ 1.30 ; 3$ to 9 lbs. @ 56 c lb ; 10 to 24 lbs.@48c 1b., postpaid.

254 Golden Cross Bantam Sweet and Tasty

## POPCORNS

273 Purdue 31 (Hybrid) $\begin{gathered}\text { Just } \\ \text { field } \\ \text { as } i n \\ \text { corns }\end{gathered}$ the proper hybrids are proving their superiority in popcorns. Not only are yields increased but sernel and popping quality is improved. Pkt.


271 South American Giant Yellow Eest in the open pollinated popcorns. Pkt. 15 c ; 16.: 10 to 24 lbs.@ 37c 1b., postpaid.

## EGGPLANT

CULTCRE: A warm season crop transplanted to the field or garden well after danger of frost. Cultural requirements are similar to the tomato except that it requires a longer growing season and is more seriously checked by cool weather. Well drained sandy loam soils, high in organic matter, with a pH between 5.5 and 6.5 are desirable. Sow seed in protected beds about 8 to 10 weeks prior to date of field transplanting. Fertilize with 800 to $1,200 \mathrm{lbs}$. of $8-8-8$ (3-5 qts. per 100 ft . of row) prior to transplanting. Apply 30 lbs. of nitrogen in three applications, of 10 pounds each ( $1 / 2$ cup of Nitrate of Soda, or equivalent) spaced at about 2 weeks apart. Space plants 18 inches to 2 feet apart in rows $3^{\frac{1}{2}}{ }^{2}$ to 4 feet apart. Cultivate shallow, sufficiently to control weeds.

One-eighth ounce to produce plants for 100 feet of row. Four ounces to produce plants for one acre.

315 Florida High Bush $\begin{gathered}\text { Plant } \\ \text { ing, } \\ \text { holding }\end{gathered}$ fruits off the ground. Elongated fruits, that taper towards the stem; dark purple. Resistant to $1 / 2$ oz. $45 \mathrm{c} ;$ oz. $80 \mathrm{c} ; 1 / 4 \mathrm{lb}$. $\$ 2.15$, postpaid.

## ENDIVE

319 Green Curled $\begin{gathered}\text { It is hardy a vigor- } \\ \text { ous }\end{gathered}$ bright deep green finely divided leaves. Pkt. bright deep green finely divide
$15 c ; 0 z .25 c ; ~ 1 / 2 ~$
$16.65 c$, postpaid.


## KOHL RABI

## 353 Early White

Vienna | Extremely |
| :---: |
| early. The | bulbs are of medium size, very light green or white; best for table when 2 to $2 \frac{1}{2}$ inches in diameter. 60 days. Pkt. $25 \mathrm{c} ; 1 / 2 \mathrm{oz} .50 \mathrm{c}$; oz. 90c; $1 / 4$ 10. $\$ 1.50$, postpaid.

## LEEK

358 Large Flag A large growing type, desirable in every way. Its dependability and the of culture make it variety for both family and market use. 1 oz and market use 1 oz. will sow 100 feet of
drill. Pkt. $25 \mathrm{c} ; 1 / 2$ oz. 0c; oz. 90c; 1/4 1b. \$2.00, postpaid.

## KALE

CULTURE: A cool season crop that may be grown throughout the year. May be grown on most types of soil with pH of 5.5 to 6.5. Fertilize with 800 lbs . of an 8-8-8 per acre $(3$ qts. per 100 ft . of row). Make first planting 3-t weeks before last frost in spring and make periodic plantings, every 3-4 weeks, until a inch deep and $1 / 2$ inch apart in rows $2-3$ feet inch deep and $1 / 2$ meh apart in rows $2-3$ feet apart. Sidedress twice, about 3 weeks and 5 weeks after seed comes up, with 15 lbs, niof Soda, or its equivalent per 100 ft of row). of Soda, or its equivalent, per 100 ft . of row). lbs. seed per acre.

## 341 Dwarf Green Curled Scotch

 Popular with truck growers because of its rich green color and double-curled leaves. This Kale is extremely hardy to both hot and cold weather making it a sure crop regardless of conditions. Pkt. $15 \mathrm{c} ; \mathbf{0 z} .25 \mathrm{c} ; 1 / 4 \mathrm{lb} .70 \mathrm{c} ; \mathbf{l b}$. $\$ 2.00$, postpaid.343 Early Siberian The hardiest of tables. Plant early spring or fall, drilled as turnips for salad, kale withstands more heat and cold. The flavor is similar to that of turnip salad and it exceeds spinach in total 55c; lb. $\$ 1.50$ postpaid. 15 c ; $0 \mathrm{z} .25 \mathrm{c} 1 / 4 \mathrm{lb}$. 55 c ; lb. \$1.50, postpaid
344 Spring or Smooth $\begin{gathered}\text { Alsocalled } \\ \text { plain kale, }\end{gathered}$ Spring Sprouts, and Hanover Salad. It can be sown in the spring or fall as it stands extreme cold. A quick growing smooth leaved variety,


343 Kale, Early Siberian
very sweet and tender and should be used when the plants are quite young. 27 days. Pkt. 15c; oz. 25 c ; $1 / 4$ lb. 45 c ; lb. 80 c , postpaid.

## Loose Leap ard Head LETTUCE

## Plant Spring and Fall

CULTURE: A cool season crop that will not head in hot weather. Seed may be sown in protected beds 6-8 weeks before transplanting into field. Lettuce will stand light frosts and may be set in field $3-4$ weeks before last frost in spring. Lettuce seed may also be drilled in the row in late winter or early spring for the spring crop, and in August and September for the fall crop.

A fertile, well drained sandy loam soil with a pH of 6.0 is ideal. Fertilize with 1,000 lbs. of $5-10-10$ per acre ( 4 qts. per 100 feet of row). Sidedress twice with 15 lbs nitrogen per acre ( $1 / 2$ cup Nitrate of Soda, or equiva-
lent, per 100 fo. of row) at $4-5$ weeks after transplanting and then again $2-3$ weeks later. transplanting and then again $2-3$ weeks later. When seeded direct sidedress at the same intervals after the plants have come up to a good stand. Plant in rows $21 / 2-3$ feet apart and 12 inches apart in row. per acre for transplanting; 2 pounds for drilling in row; 1 ounce of seed will produce 3,000 plants.

370 Grand Rapids A most popular riety for early outside planting or forcing. Heat tolerant. Plants erect and compact. Leaves light green, crinkled and fringed. It Leaves crisp, tender and sweet. 45 days. Pkt. 15 c ; $1 / 2$ oz. 30c; oz. 45c; $1 / 41 \mathrm{lb} .80 \mathrm{c}$; 1b. $\$ 2.25$, postpaid.


388 Lettuce, Salad Bowl

## 371 Early Curled Simpson

Plants are early medium large, compact, a light green large frilled and curled form a compact bunch in the center of the plant. Standard home garden variety for its excellent quality and sweet flavor. 45 days. Pkt. 15c; 1/2 oz. 30c; oz. 45 c ; $1 / 4 \mathrm{lb} .80 \mathrm{c}$; lb. $\$ 2.25$, postpaid.
372 Selected Big Boston $\begin{gathered}\text { The heads are } \\ \text { extra } \\ \text { ar } \\ \text { are }\end{gathered}$ and compact, finely shaped, color medium light and compact, finely shaped, color medium light green with a slight tinge of brown on margins of outer leaves. The heads are crisp, firm, buttery, and the interior quite a golden yellow. Pkt. $15 \mathrm{c} ; 1 / \mathrm{oz}$. 30 c ; oz. $45 \mathrm{c} ; 1 / 4 \mathrm{lb} .80 \mathrm{c} ; 1 \mathrm{lb}$. $\$ 2.25$, pkt. 15c;
postpaid.
385 Great Lakes A desirable crisp headburn even ing variety without tip large, even under adverse conditions. Heads and ribm, dark green, outer leaves well folded quality quality. 82 days. Pkt. $15 \mathrm{c} ; 1 / 2 \mathrm{oz} .45 \mathrm{c} ; \mathrm{oz} .75 \mathrm{c}$; $1 / 4 \mathrm{lb} . \$ 2.00$; lb. $\$ 5.50$, postpaid.
379 |ceberg For forcing or home garden is ideal. The leaves are broad, crumpled, borders finely frilled. Heat resistant and produces firm, white, tender sweet flavored heads. 85 days. Pkt. 15c; $1 / 2 \mathrm{oz} .30 \mathrm{c} ; \mathrm{oz} .50 \mathrm{c} ; 1 / 4 \mathrm{lb}$. $\$ 1,00 ; 1 \mathrm{lb}$. $\$ 2.75$; postpaid.
388 Salad Bowl
Particularly outstanding producing attractive tender leaves even under warm dry conditions, and stands handling better than most other leafy varieties. Very good source of Vitamin A \& C. Large rounded and compact leafy heads of long, deeply-lobed, waved compact leafy heads of long, deeply -lobed, waved leaves of meding. Pkt. $20 \mathrm{c} ; 1 / \mathrm{grez} .45 \mathrm{c} ; \mathrm{oz} .80 \mathrm{c} ; 1 / 4 \mathrm{lb} . \$ 2.15$; 1b. $\$ 6.00$, postpaid.


379 Lettuce, Iceberg

## WYATT-QUARLES Western Grown Muskmelons

CULTURE: The melons thrive best and develop the highest flavor in a hot dry climate Sow the seed after all danger of frost has passed. For an extra early crop, sow seed in pots, or other containers, in a glass covered bed $2-3$ weeks before last killing frost in spring and transplant to the field. The most suitable soil is a warm, rich, sandy loam with a pH of 6.0-6.5; $8-8-8$ per acre ( 3 qts . per 100 ft . of row). Plant in rows $5-6$ feet apart. Plant 6 seed per hill $8-8-8$ per acre ( ${ }^{(3 \text { qts. }}$ per 100 ft . of row) Plant in rows $5-6$ feet apart. Plant 6 seed per hill
 of row). Two pounds of seed will plant one acre; 1 ounce will plant 800 feet of row.


400 Rio Gold The melons are aimost light ribbing. Flesh is orange, thick and firm light ribbing, Flity excellent. The seed cavity is very small. Quality excellent. The seed cavity is very small. oz. $40 \mathrm{c} ; 1 / 4 \mathrm{lb}$. $\$ 1.10$; 1b. $\$ 3.00$, postpaid.

 varieties of Rockyfords, and larger than Hale's Jumbo. The delicious spicy sweetness typical of the Rockyford strain recommends it for home gardens as well as for commercial production 75 days. Pkt. 15 c ; oz. 40 c ; $1 / 4 \mathrm{lb}$. $\$ 1.10$; lb. $\$ 3.00$, postpaid.


402 Rockyford Earliest, an Ideal Commercial Melon

401 Banana A very long, smooth both ends lemon colored The flesh is pink with delicious banana flavor. They grow 14 inches long and withstand the summer heat. 100 days. Pkt. $15 \mathrm{c} ; \mathbf{o z} .35 \mathrm{c}$; 1/ lb. $90 \mathrm{c} ; 1 \mathrm{~b} . \$ 2.50$, postpaid.


418 Hales Jumbo
418 Hale's Jumbo a large, early. melon grown principally for home gardens melon grown principally for home gardens and local markets. Fruits oval, $5-6$ lbs... of deep salmon, and fine quality. Large seed cavity. 85 days. Pkt. 15 c ; oz. 35 c ; $1 / 4 \mathrm{lb} .90 \mathrm{c}$; lb. \$2.50, postpaid.

419 Edisto The flesh is noticeably commercial varieties and usually a somewhat deeper and richer salmon. When grown on good soil, this cantaloupe averages between 3 and 4 pounds and after tests from $12-13$ \% soluble solids, indicating a high sugar content. The rind is exceptionally hard, making it a better shipper than other commercial varieties. The vines are quite vigorous and quite resistant to alternaria and powdery mildew and tolerant to downy mildew. 80 days. Pkt. $15 \mathrm{c} ; \mathbf{0 z} .40 \mathrm{c} ; 1 / 4 \mathrm{lb} . \$ 1.10 ; 1 \mathrm{~b} . \$ 3.00$, postpaid.

## 410 Gold Lined Rockyford

 A green fleshed fruit of spicy deliciousness peculiar to Rockyford melons. It has a gold ining next to the small seed cavity which makes it unusually attractive in appearance. The flesh is green, thick, and sweet. 80 days Pkt. $15 \mathrm{c} ;$ oz. $35 \mathrm{c} ; 1 / 4 \mathrm{lb} .90 \mathrm{c}$; 1b. $\$ 2.50$, postpaid

424 Rockyford or Netted Gem

## 424 Rockyford or Netted Gem

 Principally used for home and market gardens, since it does not stand distant shipping. Regarded by consumers to have the finest flavor and quality. Fruits small, $21 / 2 \mathrm{lbs}$., rounded with faint ribs, very heavy covering of hard gray netting. Uniform size, juicy, thick green flesh with yellow tinge at center and a sweet spicy flavor. 90 days. Pkt. $15 \mathrm{c} ; \mathrm{oz} .35 \mathrm{c} ; 1 / 4 \mathrm{Ib} .90 \mathrm{c}$; 1b. $\$ 2.50$, postpaid.409 Imperial or Hale's Best No. 45 (MILDEW RESISTANT) Fruits are short oval with indistinct ribbing and heavily netted. Flesh thick, firm, sweet, of good quality and flavor, light orange in color. Imperial can be picked at much later ripened stages than other melons for distant shipping and it holds firm and in good edible condition. Recommended for areas in Pkt. $15 \mathrm{c} ;$ oz. $35 \mathrm{c} ; 1 / 4 \mathrm{lb} .90 \mathrm{c} ; \mathrm{lb} . \$ 2.50$, postpaid.

## 422 Smith's Perfect A melon which

 mendous attention because of its resistance to diseases and its ability to make good crops, even under adverse conditions. Ideal size, well netted and very thick orange flesh. Seed cavity small. 90 days. Pkt. 15c; oz. $40 \mathrm{c} ; 1 / 4 \mathrm{lb} . \$ 1.10 ; 1 \mathrm{lb} . \$ 3.00$, postpaid.> 413 Honey Dew The fruits are large, hard, smooth, creamy white skin. The flesh, ripening to the rind, is light green, exceptionally juicy with a distinctive flavor of its own. 100 days. Pkt. $15 \mathrm{c} ;$ oz. $35 \mathrm{c} ; 1 / 41 \mathrm{lb} .90 \mathrm{c} ; 1 \mathrm{lb} . \$ 2.50$, postpaid.

415 Hearts of Gold A mid-season early varieties. Grown extensively by home gardeners and for local markets. Fruits, 2 lbs., are nearly round, distinctly ribbed, deep green, covered with fine gray netting. Flesh thick and firm, tender, juicy, a distinct sweet and spicy flavor. 90 days. Pkt. 15c; oz. 35c; 1/4 lb. 90c; lb. $\$ 2.50$, postpaid.


485 Mustard, Southern Giant Curled

## Wyatt-Quarles MUSTARD

CULTURE: 1 ounce is sufficient for 100 feet of drill; 2 pounds will sow an acre. Sow February to October, $1 / 4$ of an inch deep, broadcast, or in drills 18 inches apart, thinning to from 2 to 3 inches. By successive sowings every two weeks beginning early in ning to from 2 the salad may be had at its best until summer.

484 Broad Leaf Large, upright, bright green leaves, thick and smooth. Many prefer the smooth variety because it's easier to clean than the curled types. 45 days. Pkt. $15 \mathrm{c} ; \mathrm{oz} .25 \mathrm{c} ; 1 / 4 \mathrm{lb} .55 \mathrm{c} ; 1 \mathrm{lb} . \$ 1.50$, postpaid.

485 Southern Giant Curled This splendid variety continues to be the large, erectly held leaves are finely curled at the edges, adding much to the appearance of the plant. In ldes are to being resistant to cold the plants withstand some hot weather and are seldom attacked by insects or disease. 40 days. Pkt. 15c; oz. 25 c ; $1 / 4 \mathrm{lb} .55 \mathrm{c} ; 1 \mathrm{~b} . \$ 1.50$, postpaid:

799 Tendergreen or Mustard Spinach Widely known as the quickest favorable conditions tendergreen can be ready for the table in less than 3 weeks. favorable conditions tendergreen can be ready for the table in less than 3 weeks. The large oblong leaves are dark green, thick and easy to wash for the table. 35 days. Pkt. $15 \mathrm{c} ; \mathbf{o z} .25 \mathrm{c} ; 1 / 41 \mathrm{lb} .55 \mathrm{c}$; 1b. $\$ 1.50$, postpaid.

## Wyatt-Quarles Watermelons

CULTURE: SOW sced after all danger of frost has passed. If early crop is desired, plant in pots, $4-5$ secis per pot in a glass covered bed $2-3$ weeks before last frost in spring. A well drained and idedress with 15 lbs . of nitrogen when vines begin to run ( $1 / 2$ cup Nitrate of per


457 Garrisonian
450 Sugar Baby A small round melon, Giant (Cannonball) in appearance. It is an ice shipping qualities to other midget types. Flesh is red and good quality. Early maturity. Pkt. $25 \mathrm{c}: ~ \mathrm{oz} .60 \mathrm{c}$; ${ }^{1} 4 \mathrm{lb} . \$ 1.65$; 1b. $\$ 3.50$, postpaid.

463 Golden Honey $\begin{gathered}\text { Round, dark } \\ \text { small. } \\ \text { The } \\ \text { green } \\ \text { crisp }\end{gathered}$ tender flesh is bright yellow and fine flavored 90 dars. Pkt. 15c; oz. 40c; 1/4 1b. $\$ 1.10$; 1b. $\$ 3.00$, postpaid.

454 Ledmon
Almost round, thin rind, dehiciously sweet, but too tendhe very sweetest. Pkt. $15 \mathrm{c} ;$; oz. 40 c ; 1/4 1 lb . $\$ 1.10$; 1b. $\$ 3.00$, postpaid.

461 Stone Mountain almost round with hard, tough, dark green, flesh bright ends, 50 lins 90 days. Pkt. 15 c ; oz. 25 c ; $1 / 4$ lb. $65 \mathrm{c} ; \mathbf{1 b} . \$ 1.75$, postpaid.

447 Florida Giant (Cannonball) Large, $40-50$ lbs., nearly round, glossy dark green, thick rind, bright red, firm textured flesh of excellent quality. Black seeds. Vines are vigorous and productive. One of the best
all-purpose varieties. 95 days. Pkt. 15c; oz. 25 c ; all-purpose varieties. 95 days.

446 Wondermelon (Improved Kleckley Sweet) Grows uniformy large green with thin rind and has small crease like markings, Melons weighing 60 lbs. are not unusual. The flesh, which is free from fiber juicy, and extremely sweet, ripens to the rind Massive heart. Not a shipping melon. 85 days. Pkt. 15 c ; oz. 25 c ; $1 / 41 \mathrm{~b} .65 \mathrm{c}$; $1 \mathrm{lb} . \$ 1.75$, postpaid.

477 Striped Seedless Watermelons proizing that are essentially free from seeds Excellent flavor and eating quality. Not a long ciistance shipper but ideal for home or local market trade. Cultural instructions and Pollinating Varicty enclosed in every packet. Packet of 10 seed $\$ 1.00 ; 25$ seed $\$ 2.00 ; 100$ seed $\$ 8.00$;

號 postpaid.


459 Congo


## Disease Resistant Varieties

## 457 Watermelon, Garrisonian

Resembles Garrison in appearance. The important differences are melons are larger, rinds are harder and its relative resistance to Anthracnose in contrast with Garrison's susceptibility. It is believed to be fully equal to Garrison in eating quality. Pkt. 15 c ; oz. 35 c ; $1 / 41 \mathrm{~b}$. 90 c ; 1b. $\$ 2.50$, postpaid.


452 Charleston Gray, Wilt-Resistant

## 448 Wilt-Resistant Garrison

A cross of Hawkesbury and Garrison and 95 per cent resistant to Wilt. 85 days. Pkt. 15 c; oz. 35 c ; $1 / 4 \mathrm{lb} .90 \mathrm{c} ; 1 \mathrm{lb}$. $\$ 2.50$, postpaid.

## 442 Dixie Queen Wilt Resistant

An improved Dixie Queen, resistant to Fusarium Wilt. Fruits are round, oval, striped, more uniform in size, cut redder and ship better than the standard strain of Dixie better than the standard strain of Dixie ping. 85 days. Pkt. 15c; oz. $35 \mathrm{c} ; 1 / 4$ 1b. $\$ 1.00$; ib. $\$ 2.75$, postpaid.

452 Charleston Gray A long, light melon, possessing qualities which have long been hoped for-strong against sunburn and fusarium wilt, and relatively high in resistance to anthracnose. A heavy yielder of superior shape melons, weighing 28 to -35 pounds that are highly acceptable on the marking it a $1 / 41 \mathrm{lb}$. $90 \mathrm{c} ; \mathrm{lb}$. $\$ 2.50$, postpaid.
459 Congo Anthracnose resistant and sarium wilt slightly resistant to Fusarium Wilt. A good yielder and shipper, having attractive marketing characteristics. The fruits (up to 50 lbs .) are long, cylindrical having dark green stripes on a medium green background. Tough rind. Bright red flesh that is solid, crisp, sweet. 93 days. Pkt. $15 \mathrm{c} ; \mathrm{oz}$.
$35 \mathrm{c} ; 1 / 4 \mathrm{lb} .90 \mathrm{c} ; 1 \mathrm{lb} . \$ 2.50$, postpaid.


496 Okra, Clemson Spineless

## OKRA

CULTURE: A warm season crop that should not be planted until the soil warms up in the spring. Most good soil in the south will grow a satisfactory crop, but a sandy loam with a pH of 6.0-6.5 is preferred. Fertilize with 600 pounds of 6-8-6 per acre ( 2 qts. per 100 ft . of row). Sidedress twice with 15 lbs. nitrogen per acre each time ( $1 / 2$ cup of Nitrate of Soda, or equivalent, per 100 ft . of row applying the first when plants are about 12 inches high and the secours-4 weeks later. ings throughout the summer will lengthen the harvesting season. plant or dril in rows $31 /$ feet apar and thin sow the plant every 12 to Four pounds will plant one seed one oun depll pour pou set of plant one plant 300 feet of row
496 Clemson Spineless $\begin{gathered}\text { Possesses } \\ \text { distinct } \\ \text { the } \\ \text { did }\end{gathered}$ characteristics of uniformity, spineless rich green, angular and ridged which makes it valuable for canning, commercial and garden uses. Very prolific. Plants 5 ft .55 days. Pkt. 15 c ; oz. 25c; 1/4 1b. 65c; 1b. \$1.75, postpaid.

## 494 Emerold Green Velvet

Uniform, spineless. Plants 6-7 ft. tall; pods round, smooth and rich green. 58 days. Pkt. 15 c ; oz. 25c; 1/4 1b. 65c; 1b. \$1.75, postpaid.
493 Perkins Mammoth Long Pod Very productive. The pods $7-8$ inches, bright deep green, straight, ribbed and spined. The fleshy, excellent quality pods make this okra a Pkt. 15c; oz. 25c; $1 / 41 \mathrm{lb} .65 \mathrm{c} ; 1 \mathrm{~b} . \$ 1.75$, postpaid.

## 491 Dwarf Green Long Pod

Dwarf variety with large green pod characteristics. Very prolific. 55 days. Pkt. 15c; oz. 25c; 1/4 1b. 65 c ; $1 \mathrm{lb} . \$ 1.75$, postpaid.


491 Okra, Dwarf Green Prolific
WYATT-QUARLES SEED CO.

## Wyatt-Quarles Onion Seeds

A cool season crop that will withstand moderate freezes. Sow seed in plant beds in September or October and set in field when about 6 inches high. Seed may also be drilled in row in late winter. Three pounds of seed will plant one acre; one ounce of seed will produce 4,000 plants for transplanting or will drill 400 feet of row.
506 Prizetaker A popular variety for all tonnage per purposes, producing high skinned per acre of fine uniform light copper The flesh is creamy whited with very thin skin. The flesh is creamy white, mild and sweet. 100 days. Pkt. $15 \mathrm{c} ; 1 / 2$ oz. $35 \mathrm{c} ; \mathrm{oz} .60 \mathrm{c} ; 1 / 4 \mathrm{lb} . \$ 1.45$; lb. $\$ 4.00$, postpaíd.
509 White Portugal or Silver A medium size, flat white onion that is mild flavored and fine grained. Grown for onion sets, oz. $35 \mathrm{c} ; \mathrm{oz} .60 \mathrm{c} ; 1 / 4 \mathrm{lb}$. $\$ 1.45$; lb. $\$ 4.00$, postpaid.

## ONION SETS

Plant sets from September to February in rows $11 / 2$ to 3 feet apart and space them 4 inches apart in the row. Do not cover them entirely. One pound will plant 50 feet; 8 bushels will plant an acre.

## 530 Red Wethersfield

 Medium large, flattened with sloping top. Purplish red skin. Flesh white tinted pink. lb. 50 c ; 3 to 9 lbs. 40 c 1b. 10 lbs. or more 35 c lb., postpaid.536 Silver Skin Grown from our GrowPortugal or Silver Skin. Prices: lb. 50c; 3 to 9 lbs. 40 c 1 b .; 10 lbs . or more 35 c 1 lb ., postpaíd.

## 537 Yellow Danvers $\begin{gathered}\text { Produces medium } \\ \text { size }\end{gathered}$

 Prices: ll. $50 \mathrm{c} ; 3$ to 9 lbs. 40 c lb.; io ibs. or more 35 c th. postpaid.
## Parsnips

CULTURE: Sow very thickly from January to March $1 / 4$ of an inch deep in drills 18 inches apart in sandy loam. When plants are 2 to 3 is enough for 100 feet of drill; 4 to 6 pounds will sow an acre.
555 Hollow Crown Rich, very s f eet ductive, ready for use in 80 to 85 days. Roots are smooth, in good soil 15 inches long by 3 inches across the shoulder; tender and sugary. 80 days. Pkt. 25c; 0z. 65c; $1 / 4$ 1b. $\$ 1.75$, postpaid.

## PARSLEY

One Ounce for 150 Feet of Drill
CULTURE: Can be sown during the fall from August to October, and during spring from the end of January to the end of April. It is generally sown broadcast. Soak the seed for twenty-four hours and mix with sand; it is very slow to germinate and sometimes remains in the ground from four to five weeks before making its appearance.
541 Double-Curled
Plants of dwarf comyoung pact growth, and the young leaves have the edges heavily crimped, Giving a general appearance of coarse moss. oz. 65 c ; $1 / 4 \mathrm{lb}$. $\$ 1.25$, postpaid.


541 Parsley, Double Curled

## Caho Grown GARDEN PEAS

CULTURE: A cool season crop that should be planted during January in the east and February in the piedmont. Plant in a sandy loam soil that is not too high in organic matter and with a pH of $5.5-6.5$. Fertilize with 800 lbs . of 6-8-6 per acre ( 3 qts. per 100 ft . of row) and sidedress at time of first bloom with 15 lbs . nitrogen per acre ( $1 / 2$ cup of Nitrate of Soda, or its equivalent, per 100 ft . of row). Plant seeds $11 / 2$ inches deep and one inch apart in rows $2 \frac{1 / 2-3}{}$ feet apart. One-hundred pounds of seed will plant one acre; $1 / 2$ pound will plant 100 ft . of row.

Varieties we recommended for freezing. Thomas Laxton-Laxton Progress, Wando

570 Wando Much more tolerant of Sans Plants are writh and hatat than other peas. Plants are upright and $21 / 2$ feet tall and mildew resistant. Pods dark green, blunt, well filled, 3 inches long containing medium size dark green peas. 68 days. Pkt. $15 \mathrm{c} ; 1 / 21 \mathrm{lb} .40 \mathrm{c}$; 10 . 10 c , $1 \mathrm{ms} \$ 1.20 ;$.3 to 9 lbs . @ 50 c 1 b ; 10 to 24 lbs.@ 42c lb., postpaid.

574 Dwarf Telephone all aroductive variety. Pods are $4^{1 / 2}$ inches, broad, containing 8-10, large, round, medium green peas of excellent quality 70 days pkt 15 p , 1 of $40 \mathrm{c} ; 1 \mathrm{~b}$. 70c; 2 1bs. $\$ 1.20 ; 3$ to 9 lbs . @ 50 c 1 b .; 10 to 24 lbs.@ 42 c 1 b ., postpaid.

566 Thomas Laxton Excellent for ket gardens and shipping, cannine and maring. Plants 3 feet high; pods $31 /$ inches long dark green and packed with 7 to 8 delicious peas that are almost round, medium green color, and of high quality, 58 days. Pkt. 15 c ; $1 / 2 \mathrm{lb} .40 \mathrm{c} ; 1 \mathrm{lb} .70 \mathrm{c} ; 2 \mathrm{lbs} . \$ 1.20 ; 3-9 \mathrm{lbs}$. @ 50 c íb.; 10-241bs.@42c lb., postpaid.


570 Peas, Wando

580 Laxton's Progress No. 9 The best dwarf large wrinkled pea. Plants 16 to 18 long, and usually contain 8 or 9 dark green peas of excellent flavor. 62 days. Pkt. $15 c ; 1 / 2 \mathrm{lb}$. $40 \mathrm{c} ; 1 \mathrm{lb} .70 \mathrm{c} ; 2 \mathrm{lbs} . \$ 1.20 ; 3$ to 9 lbs . $050 \mathrm{c} 1 \mathrm{~b} . ; 10$ to 24 lbs . @ 42 c 1 b. postpaid.

571 Little Marvel An excellent dwarf sort for the home garden and market. Vines ended and well filed with 7 large tender, dark green peas. 62 days: pods. which are square $15 c ; 1 / 21 b$. $40 c ; 1 b$. $70 \mathrm{c} ; 2 \mathrm{lbs}$. $\$ 1.20$; 3 to 9 lbs .@ 50 c 1 lb ; 10 to 24 ibs . @ $42 \mathrm{c} 1 \mathrm{lb} ., \mathrm{postpaid}$.

564 Ameer Large podded Alaska. Early, prolific, good quality. 58 days. Pkt, 15c; $1 / 1 \mathrm{~b}$. L5c; 1b. 75c; 2 lbs. $\$ 1.30 ; 3-9$ 1bs. @ 55 c 1 b ; $10-24$ 1bs. @ 47 c lb., postpaid.

577 Mammoth Melting Sugar A Alarg fine favored edibio paded peat tor home \$1.30; 3 to 9 lbs.@ 55 c lb.; 10 to 24 lbs.@ $\mathbf{4 7 c}^{\text {lb., postpaid. }}$
 2 lbs. $\$ 1.00$; 3-9 lbs.@ 40c lb.; 10-24 lbs. @ 32c 1b., postpaid.

563 Alaska, Extro Early (Wilt Resistant) Veryy popular with canners and marand a heavy yielder of well filled medium size pods, which are gardeners. Grows abour 2 , Pods contain six small light green peas. 55 days. Pkt. 15c; 1/6 1b. 35c; lb. 60c; 2 1bs. \$1.00; 3-9 lbs.@40c 1b.; 10-24 1bs.@ 32c lb., postpaid.

## 576 Tall

 Telephone Tall and vigorous growing vines about 4 feet high which produce an abundance of pointed, bright green pods: often $4^{1 / 2}$ to $5^{\prime \prime}$ long filled with large, tender, sweet peas of excellent flavor. Suitable to many uses. 70 days. Pkt. 15 c ; $1 / 2$ 1b. 40 c ; 1b. $70 \mathrm{c} ; 2$ lbs. $\$ 1.20$; 3 to 9 1bs.@50c 1b.; 10 to 24 lbs.@42c lb., postpaid.

563 Peas, Extra Early Alaska. (Wilt-Resistant)

## Edible Peas

CULTURE: The feld pea is a warm weather crop grown mostly in the southern states. It is easils damased by frost and should not be pianted until daneer of frost is past in the ng suring vegetables. This regetable is increashng rapldi in importance both for fresh marker and for processing. It grows well on a wade ranse $\because$ soil types, but produces best on sorls of metam fertility with pH of 5.5-6.5. On soils of high fertility levels excessive vine growth. with sparse flower and pod development results. Fertilize with 400 ibs of 6-8-6 in rows prior to planting. Seed should be drilled Three-fourths of a pound of seed will plant 100 ft . of row: 100 lbs . of seed to plant one acre

## Fl12 Rice or Lady

The peas are the smallest, but the sweetest and best flavored of all the edible Cow-peas. $1 / 1 \mathrm{lb}$. best flavored of all the edible Cow-peas. 1/2 los. a 47 C lb., postpaid.

## Fll4 Brown-Eyed Six Weeks

Popular small brown-eyed, white peas. Quite 0c: 2 lbs, 51.20 : 3-9 lbs.@ 50c 1b.; 10-24 lbs.@ 42 c Ib., postpaid

## F122 Brown Sugar Crowder

 Not only one of the earliest to mature, but is also one of the most prolific and best flavored table peas. $1 / 2 \mathrm{lb} .40 \mathrm{c} ; 1 \mathrm{lb} .70 \mathrm{c} ; 2$ lbs. $\$ 1.20$; 3-9 bs.@ 50c lb.; 10-24 lbs.@ 42c lb., postpaid.F115 Purple Hull A standard home garden good flavor for canning and green shelled peas. Pods purple, somewhat tough, seeds smooth, medium, creamy white with brown eye. $1 / 2 \mathrm{lb}$. $40 \mathrm{c} ; 1 \mathrm{~b} .70 \mathrm{c} ; 2 \mathrm{lbs} . \$ 1.20 ; 3$ to 9 lbs . @ 50 c lb .; 10 to 24 lbs. @ 42c lb., postpaid.

## Fl06 Taylor or Blue Goose

 Large purplish-gray peas produced in long pods on heavy, productive vines. This is one of the best all-purpose varieties. Excellent for soilbuilding, hay or edible peas. $1 / 21 \mathrm{lb} .35 \mathrm{c} ; 1 \mathrm{lb} .65 \mathrm{c}$; 2 lbs §1.15; 3 to 9 lbs.@ $48 \mathrm{c} 1 \mathrm{~b} . ; 10-24 \mathrm{lbs}$. @ 40c lb., postpaid.F116 Dixielee Unsurpassed for market for commercial canning and freezing. The bunch o semi-bunch plants and freezing. The bunch bearing several heavy are highly productive ripen uniformly. Each sets of 8 inch pods which light brown color peas with brown 19, buff to are not attacked by nematode rown eye Roots pea. Prices: $1 / \mathrm{ib}$. $40 \mathrm{c} ; 1 \mathrm{lb}$. $70 \mathrm{c} ; \mathrm{c}_{2} \mathrm{lbs}$. $\$ 1.20$. 3-9 lbs.@ ${ }^{0} 0 \mathrm{c}$ 1b.; 10-24 Ibs.@ 42c 1b., postpaid.

## F103 Large Black Eye Long pods well

 eyed white peas. An important food green or dry. 1/6 1b. $40 \mathrm{c} ; 1 \mathrm{lb} .70 \mathrm{c} ; 2$ 2lbs. $\$ 1.20 ; 3-9 \mathrm{lbs}$.@ 50 c 1 lb .; $10-24 \mathrm{lbs}$ @ 42 c ilb., postpaid.

10: Peas, Large Black Eye

CULTURE: Peppers, like tomatoes, are a warm season crop and cannot be planted in the open until danger of frost is past. Seed should be planted in a glass covered plant bed $8-10$ weeks before field setting is desired (usually March). A warm, deep, fairly moist and loose soil with a pH of $5.5-6.5$ is desired. Fertilize with $700-800$ pounds of $6-8-6$ per acre ( 3 qts. per 100 ft . of row). Set in rows $31 /$ feet apart and space plants 18 inches apart. Sidedress $3-4$ weeks after field setting with $10-15$ pounds of nitrogen per acre ( $1 / 2$ cup of Nitrate of Soda, or its equivalent per 100 feet of row) and at best twice thereafter at about two week intervals. Six ounces of seed will produce plants for one acre; 1 ounce will produce about 1.500 plants.
591 Yolo Wonder Mosiac Resistant California Pepper similar to A blocky Wonder, but flesh not as thick of considerattractive, prolific pepper worthy $30 \mathrm{c} ; \mathrm{oz} .80 \mathrm{c} ; 1 / 4 \mathrm{lb}$. $\$ 2.15 ;{ }^{2}$ lb. $\$ 6.00$, postpaid

## 592 California Wonder

 Walls exceptionally thick, heavier and firmer than any other sort, and deliciously sweet and spicy. Some specimens measure $41 / 2$ inches across and 5 inches long. The bright attractive green changes to a brilliant light crimson. 75 days. Pkt. 15 c ; $1 / 4 \mathrm{oz} .30 \mathrm{c} ; \mathbf{0 z}$ 80 c ; $1 / 4 \mathrm{ib}$. $\$ 2.15$; lb. $\$ 6.00$, postpaid.595 Pimento $\begin{gathered}\text { Heart-shaped, thick } \\ \text { flesh fruits of medium }\end{gathered}$ size, $3^{1 / 2}$ flesh fruits of medium diameter inches long and $21 / 2$ inches in diameter, becoming bright crimson at maturity. 105 days. Pkt. $15 \mathrm{c} ; 1 / 4 \mathrm{oz} .35 \mathrm{c} ; \mathrm{oz}$. $\$ 1.10 ; 1 / 41 \mathrm{~b}$. $\$ 2.70 ; 1 \mathrm{~b} . \$ 7.50$, postpaid.
593 Bell or Bull Nose The plants are very vigorous and productive The fruits are about 3 inches long, 2 inches in diameter and blocky. Flesh thick, dark green, becoming scarlet at maturity 100 days. Pkt. $15 \mathrm{c} ; 1 / 4$ oz. 30 c ; oz. 80 c ; $1 / 4 \mathrm{lb}$. $\$ 2.00$; lb. $\$ 5.50$, postpaid.

## TAKE NO RISKS USE ARASAN 75

Treat vegetable seed to aid seedling emergence damping-off preven decay and seed ling damping-off. $1 \mathrm{oz}, 65 \mathrm{c}$, postpaid.

## HOT PEPPERS

## 604 Red Chili plant low spreading

 04 Red growth, 18 inches tall, very productive. Pods 2 to 3 inches long and are one-fourth inch thick, smooth, cone shaped, thin fleshed, borne upright. One of the hottest peppers for pickles. 112 days. Pkt. 15c; $1 / 4$ oz. $30 \mathrm{c} ; \mathrm{oz} .80 \mathrm{c} ; 1 / 4 \mathrm{lb}$. $\$ 2.15$;lb. $\$ 6.00$, postpaid.

## PUMPKINS

CULTURE: Plant after danger of frost in the spring. Most soils suitable for corn will also grow a good crop of pumpkins. Fertilize same as for squash. Plant 5-6 seeds per hill, one inch deep in rows 6-8 feet apart Gradually thin to 1, plants per hill One and onehalf pounds of seed will plant one acre; one ounce will plant 800 feet of row.

619 Sugar or Pie A handsome and pumpkin 10 to 12 inches in diameter roundflattened, skin orange, flesh deep yellow 75 days. Pkt. 15c; oz. 25c; 1/4 1b. 65c; 1b. \$1.75, postpaid.

## 621 Green Striped Cashaw

Fruits are large, with crooked neck. Color creamy white, irregular striped or traced creamy white, irregular striped or traced with green. Flesh light yellow, very thick, rather coarse, but sweet. Very hardy and makes heavy yields 90 days. Pkt 15 c ; oz. $25 \mathrm{c} ; 1 / 4 \mathrm{lb} .65 \mathrm{c}$; 1b. \$1.75, postpaid.

## 615 Jack O' Lantern The Jack ${ }^{\text {The }}$

 pumpkin, bred specially for the Hallowe'en trade-which today accounts for $99 \%$ of all pumpkins sold at retail. The Jack O' Lantern is the right size-the right shape-for best and easiest Jack O' Lantern carving. Stands $9^{\prime \prime}$ high-measures $7^{\prime \prime}$ to $8^{\prime \prime}$ in diameter-with smooth skin and firm, even-textured flesh 110 days. Pkt. $15 \mathrm{c} ; \mathrm{oz} .40 \mathrm{c} ; 1 / 4 \mathrm{lb} . \$ 1.10$; 1b. $\$ 3.00$, postpaid.

592 Pepper, California Wonder

594 Long Red Cayenne A favorite for canning, pickles, and drying. Plant large and prolific. Fruits tapering, 3 inches long, onefourth inch thick, frequently twisted. Dark green changing to bright dark red when mature. 112 days. Pkt. $15 \mathrm{c} ; 1 / 4$ oz. $30 \mathrm{c} ; \mathrm{oz} .85 \mathrm{c} ; 1 / 4 \mathrm{lb} . \$ 2.15$ 1b. \$6.00, postpaid.

617 Big Jumbo or King of the Mammoth When the size is considereded this quality is excellent. The flesh is bright yellow quality is excellent. The flesh is bright yellow, fine grained and thick. Skin is a salmon-orange and the pumpkins grow large and round, slightly months. 110 days. Pkt. $15 \mathrm{c} ; \mathrm{oz} .30 \mathrm{c} ; 1 / 4 \mathrm{lb} .80 \mathrm{c}$; 1b. \$2.25, postpaid.



651 Radish, Early Scarlet Globe

## RADISHES

One Ounce is Sufficient for 100 Feet of Drill; 8 to 10 lbs. to the acre in Drills

650 Champion A.A.S. Winner '57. Larger ful Cherry Belle. It is a very clear bright scarlet, round or ball shaped, about the size of a silver dollar, with a slim taproot. Will stand for an amazingly long time without becoming pithy. Mild, sweet flesh. Pkt. 15c; oz. 30c; $1 / 4$ 1b. 80 c ; 1b. $\$ 2.25$, postpaid.

## 652 Early Scarlet Turnip WhiteTipped Extra early handsome bright red, small, allowing close planting. A superior variety making a nice globe-shaped, clean root with no laterals. 25 days. Pkt. 15c; oz. 25c; 1/4 1b. $45 \mathrm{c} ; 1 \mathrm{lb} . \$ 1.15$, postpaid.

655 Long Scarlet Creates for itself at and commands the highest price. Beautiful tapering, bright scarlet, crisp roots and short tops. 30 days. Pkt. 20 c ; oz. 45 c ; $1 / 4 \mathrm{lb} .85 \mathrm{c} ; 1 \mathrm{~b} . \$ 1.50$, postpaid.

651 Early Scarlet Globe Roots slightly and a rich, bright, scarlet. Flesh white, crisp and tender. Grows quickly and evenly, maturing in just over 3 weeks under normal conditions. Recommended for early planting for the home garden or market. 22 days. Pkt. 15 c oz. $25 \mathrm{c} ; 1 / 41 \mathrm{~b} .45 \mathrm{c} ; 1 \mathrm{~b}$. $\$ 1.15$, postpaid.

654 Cherry Belle A very uniform vaBetriety that is now most ing. Its bright scarlet color shows very attractive through polyethylene bags now used by the majority of the shippers. Roots are round small and uniform, with fine root ends. 24 days. Pkt. 15c; oz. 25c; 1/4 1b. 45c; 1b. \$1.25.


696 Spinach, Dark Green Bloomsdale

One ounce of the bush varieties to 40 hills: 2 to 3 lbs . per acre
One ounce of the large-seeded varieties to 15 hills: 3 to 4 lbs per acre
Cultural instructions mailed on request.

## 706 Early Summer Crookneck

A delicious small yellow crookneck squash. The earliest of the yellow squashes and al ways a favorite for the table or on the market. 52 days. Pkt. 15c; oz. 25c; $1 / 4 \mathrm{lb} .55 \mathrm{c}$ 1b. $\$ 1.50$, postpaid.

708 Early White Bush $\begin{gathered}\text { Small, round } \\ \text { flat with }\end{gathered}$ ridges or scalloped edges. It is flat with It is quite diseasemeasure and a very prolific variety. They measure 7 to 8 inches across, are almost smooth, and the color is a creamy white. 52 days. Pkt. $15 \mathrm{c} ; \mathbf{o z} .25 \mathrm{c} ; 1 / 4 \mathrm{lb} .55 \mathrm{c} ; 1 \mathrm{~b} . \$ 1.50$,
postpaid. postpaid.

## 714 Early Prolific Straightneck

An important commercial squash especially designed with straight neck for packing in crates with minimum damage and best ap pearance. This variety is less susceptible to bacterial soft rot which sometimes attacks other varieties reducing stands and yields. Quite uniform, small, early, fine quality bright yellow, and very productive. A delicious squash for the table. 50 days. Pkt. 15 c ; oz. $25 \mathrm{c} ; 1 / 41 \mathrm{lb} .55 \mathrm{c} ; 1 \mathrm{~b} . \$ 1.50$, postpaid.

717 Butternut fruit $_{\text {distinctly }}^{8}$ to 10 shaped long, slightly bulbous at blossom end where it attains 4 to 5 inches in diameter very solid flesh, yellow, fine grained, dry and excellent quality. Skin creamy yellow, thin but tough. An excellent variety for all purposes. 95 days. Pkt. 15 c ; oz. 30c; $1 / 1 / \mathrm{lb}$. 80c; 1b. \$2.25, postpaid.

719 Royal Acorn An improved strain rich flavored acorn squash. The fruits are acorn shaped, 4 to 5 inches in diameter and 5 to 6 inches in depth, prominently ribbed with dark green skin. Flesh of the finest texture, quality and flavor should be allowed to mature on the vine after which days. Pkt. $15 \mathrm{c} ;$ oz. 25 c ; $1 / 4 \mathrm{lb} .65 \mathrm{c} ; 1 \mathrm{lb} . \$ 1.75$, days. Pk


708 Early White Bush

## SPINACH

Spinach is adapted to both spring and fall production. For the spring crop, seed should be planted in February. For the fall crop seed should be planted in late July and August. Drill seed in row, $1 / 4$ inch deep, at rate of about 24 seed per foot. Plants should be thinned to 4 inches apart. Space rows from 18 inches to 3 feet apart. Seed required per acre 10 to 15 lbs .; one ounce per 100 ft . of row.

## 696 Dark Green Bloomsdale

A true Bloomsdale Savoy type with the added advantage of possessing an unusually dark on the market. 40 days. Pkt. 15c; oz. 25 c ; $1 / 4$ 1 b .45 c ; 1 b .90 c , postpaid.


714 Squash, Early Prolific Straightneck


719 Squash, Royal Acorn


706 Squash, Early Summer Crookneck

698 New Zealand The flavor is fine and well throughout the hottest summer makes it all the more desirable. Plant 3 or 4 seeds in hills 2 feet apart each way. Germination can be hastened by soaking seeds in warm water 24 hours. 55 days. Pkt. 15c; oz. 25c; 1/4 1b. 50c; 1b. $\$ 1.25$, postpaid.

## SALSIFY

## (Vegetable Oyster)

Soil and culture should be the same as for parsnips. Sow August, February or March Salsify is boiled like parsnips or carrots.

682 Mammoth Sandwich Island Tender and delicious. Prices: Pkt. 15 c ; $1 / 2 \mathrm{oz}$ 35 c ; oz. 60 c ; $1 / 4 \mathrm{lb} . \$ 1.45$, postpaid.

## TOMATOES

Plant Successively, Grow a Surplus to Can
CLLTLRE: The tomato is a warm season crop and requires a relatively long season. It is tender and will not withstand a hard freeze. The general practice for a spring crop is to sow the seed in a warm protected bed in late January or early February. The seedlings may be transplanted to a cold frame prior to transplanting to the field, or they may be thinned and iransplanted direct from the original bed. In either case, the plants should be hardened sufficiently to stand the field conditions. They should not be set to the field before the danger of freezes is past. The tomato is grown on all types of soil from sands to heavy clays. $A$ sandy loam, moderately high in organic matter and nitrogen, with a pH between 5.5 to 6.5 is most desirable. Fertilize with 800 to 1,200 pounds of $5-10-10$ per acre ( $3-5 \mathrm{qts}$. per 100 ft . of row) After about 3 weeks in the field, apply 30 pounds of nitrogen in 15 lb . applications ( $1 / 2$ cup of Nitrate of Soda, or equivalent, per 100 ft . of row) at 2 week intervals. Space plants 2 to 3 feet apart in rows 4 to 5 feet apart. One-fourth pound of seed will produce enough plants for one acre


729 Tomato, Certified Rutgers
729 Certified Rutgers $\stackrel{\text { Plant vigor and }}{\text { heavy }}$ erified Rutgers heavy producre the the color, quality and size of the truit RUTGE prime reasons for the popularity of meaty. pionts tomatoes are large, solid and For greater fusiarium-wilt resistance use No. 735 Marion. 85 days. Pkt. 20c; $1 / 4$ oz. 30 c ; oz. 80 c ; $1 / 4 \mathrm{lb} . \$ 2.15$; 1b. $\$ 6.00$, postpaid

754 Beefsteak Plants large open habit fiat, red, smooth. with firm flesh and few cavi ties. 85 days. Pkt. 25c; $1 / 4$ oz. 60c; oz. $\$ 1.70$; $1 / 4 \mathrm{lb} . \$ 4.30 ; 1 \mathrm{lb} . \$ 12.00$, postpaid.

756 Valiant An early large fruited home Vine vigorous and garden and market variety open vigorous and productive, spreading and open growth. Fruits bright scarlet, deep globuoz. $35 \mathrm{c} ; \mathrm{oz}$. $90 \mathrm{c} ; 1 / 4 \mathrm{lb} . \$ 2.50 ; 1 \mathrm{lb} . \$ 7.00$, postpaid.

742 Brimmer Immense, flat, meaty, with midd, delicate and free from acidity found in many other sorts. Vines are luxuriant and heavy yielders 85 days. Pkt. 25c; $1 / 4$ oz. $60 \mathrm{c} ; 1 / 2 \mathrm{oz} . \$ 1.00$; oz. $\$ 1.70 ; 1 / 4 \mathrm{lb} . \$ 4.30 ; 1 \mathrm{~b}$. $\$ 12.00$, postpaid.


742 Tomato, Brimmer
35 MARION (Illustrated on inside
front cover) New for 1961. It yielded
20 per cent more marketable fruits per
acre than Rutgers and equal to Home
tead. It is resistant to grey leaf spo
and fusarium wilt and moderately re
istant to early blight. Fruit is large,
mooth, deep ovate with red flesh
ess cracking than Rutgers or Home
hade and foliage equal to Rutgers
and superior to Homestead. 85 days
Pkt. 35c; 1/4 oz. 55 c ; 0Z. \$2.15; 1/4 1b.
$\$ 5.40$; 1b. \$15.00.

## 726 Giant Tree or Potato Leaved

The vine will grow to 18 feet or more in a season. Extra large pink fruit often weighing 1 lb. or more. The quality is very good, being particularly adapted to slicing. 90 days. Pkt 25 c ; $1 / 4$ oz. $\$ 1.45$; oz. $\$ 4.00$, postpaid.

739 Marglobe A main crop, scarlet sing fine commercial fruited variety posses to fusarium wilt and "nail-head rust" Where fusarium is a problem, we strongly recommend No. 735 Marion, No. 736 Homestead mend as more strongly resistant ${ }^{24}$ Pkt as more strongly resistant/ ${ }^{\text {Pa }}$. days 1 lb. $\$ 6.50$, postpaid.

734 Earliana A early variety, of open growth with stout-jointed branches , Yields well and fruit is flattened, solid, bright red n color and of good size and quality 60 days. Pkt. 15c; $1 / 40 \mathrm{oz}$. 35 c ; oz. 95 c ; $1 / 4 \mathrm{lb}$. $\$ 2.50$; 1b. $\$ 7.00$, postpaid.

740 June Pink An extra early very to. Fruits are medium sized, flattened and smooth. 65 days. Pkt. 15 c ; $1 / 1 / \mathbf{1 0 z . 4 0 c}$; oz $\$ 1.10 ; 1 / 4 \mathrm{lb}$. $\$ 2.70$; 1b. $\$ 7.50$, postpaid.

745 Break ó Day Medium large scarlet. smooth, globe shaped, fleshy with good flavor. Good shipper. 68 days. Pkt. $15 \mathrm{c} ; 1 / 4 \mathrm{oz}$. 30 c ; oz. $90 \mathrm{c} ; 1 / 4 \mathrm{lb}$. $\$ 2.40$; 1b. $\$ 6.75$. postraid.
750 Southland $\begin{gathered}\text { Nearly globe shaped, } \\ \text { with thick, solid flesh }\end{gathered}$ walls, it is of splendid scarlet color. Resistant to fusarium wit and to collar rot caused by Alternari, it is also resistant to some forms of late blight (Phytophthers). 85 days. Pkt. 15c /4. oz. 35c; oz. 90c; $1 / 4$ 1b. $\$ 2.50$; 1b. $\$ 7.00$, post paid.
752 Ponderosa Large spreading plants bearing purp Prext which are extremely large flat, very firm, with few seeds. Its mild flavor and thick meaty flesh makes it a home garden favorite. 85 days. Pkt. 25c; $1 / 4$ oz. 60 c ; oz $\$ 1.70 ; 1 / \mathrm{lib}$. $\$ 4.70$; lib. $\$ 13.00$, postpaid.
753 Improved Stone A high tonLate bright red variety, unsurpassin for slic ing and canning. The fruits are bright dee scarlet, oval or nearly round. 85 days. Pkt
 postraid.

## SMALL FRUITED TOMATOES

## 743 Red Cherry

746 Yellow Pear
747 Red Plum
All Above: Pkt. 25c; $1 / 4$ oz. 50c; oz. \$1.45; 1/4 1b. $\$ 3.60$, postpaid.


## 736 Tomato, Homestead 24

736 Homestead 24 Selected from form determinate plant type and fruit colors. Resistant to fusarium-wilt. Produces higher percentage of marketable, full-globed fruits than the original with thick walls, smooth shoulders and small blossom scar. Fruits medium-large and bright red. 83-85 days. Pkt. 25c; $1 / 4$ oz. 60c; oz. $\$ 1.65 ; 1 / 4 \mathrm{lb} . \$ 4.50 ; 1 \mathrm{lb} . \$ 12.50$, postpaid.

## 758 Yellow Ponderosa Large, smooth 85 days. Pkt. 25c; 1/4 oz. 65c; oz. $\$ 1.80$; $1 / 4 \mathrm{lb}$. $\$ 7.05$; lb. $\$ 14.00$, postpaid.

763 Oxheart The pink fruits are solid seed cavities. Combines mildness of flavor, thick tender meat, good color, and size. Oxheart shaped. 85 days. Pkt. 25c; $1 / 4$ oz. 70c; $1 / 2$ oz. $\$ 1.20$; oz. $\$ 1.95$; $1 / 4 \mathrm{lb}$. $\$ 5.40 ; 1 \mathrm{~b}$. $\$ 15.00$, postpaid.

## 748 Burpee Big Boy (R) Hybrid (R) Reg. T.M. of W. Atlee Burpee Co. Fruits

 large, meaty, red; not wilt resistant; high yielder. 86 days. Pkt. $50 \mathrm{c} ; 2$ pkts. $95 \mathrm{c} ; 3$ pkts. $\$ 1.35$; $1 / 8$ oz. $\$ 7.50$, postpaid.> 749 WONDER BOY. (F1 Hybrid.) Extra Large fruited, a bright red color, round, firm and very smooth, with meaty flesh and thick walls producing excellent quality and delicious flavor. It is unbelievably firm for its size. Plant is semi-upright, indeterminate, excellent dark green foliage providing good coverage and protecton against sunburn. 80 days. Pkt. 50c; phts. $95 \mathrm{c} ; ~$
postpaid.
pkts. $\$ 1.35 ; 1 / 8$ oz. $\$ 7.50$,

751 Early Giant King Hybrid An excellent Hybrid Tomato combining earliness and large fruit size. Early Giant averages about one-third larger than Rutgers, being earlier and more productive. Good red color, fine quality $95 \mathrm{c} ; 3$ pkts. $\$ 1.35$; $1 / 16 \mathrm{oz} . \$ 3.60 ; 1 / 8 \mathrm{oz}$. $\$ 5.95$.


751 Tomato, Early Giant King Hybrid

## Turnips

## "Keep 'em growing year 'round"

CULTURE: A cool season crop that may be planted from early to late spring and also in late summer and early fall. Any good, loose textured soil is satisfactory. Fertilize with 800 lbs. of $8-8-8$ per acre ( 3 qts. per 100 feet of row). Sidedress with 15 pounds of nitrogen per acre ( $1 / 2$ Drill seed $1 / 2$ inch deep and about $1 / 2$ inch apart in rows $2-3$ feet apart. One and one-half pounds of seed will plant one acre; one ounce will plant 300 feet of row. One and

774 Early White Flat Dutch

780 Large White Norfolk 70 days. Pkt. 15 c ; oz. 25 c ; $1 / 4 \mathrm{lb} .45 \mathrm{c}$; 1b. $\$ 1.00$, postpaid.
785 White Egg A splendid quick-growing
pure white skim. 45 days. Pkaped. variety, with
$1 / 4 \mathrm{lb}$. 45c; lb. $\$ 1.00$, postpaid.

## 778 Long White Cowhorn

This variety often grows from 12 to 15 inches ong. 70 days. Pkt. 15c; oz. 25c; $1 / 4 \mathrm{lb} .45 \mathrm{c} ; \mathbf{l b}$. , postpaid.

## 776 Yellow or Amber Globe

The best yellow fleshed turnip for the home garden. 76 days. Pkt. 15c; oz. 25 c ; $1 / 4 \mathrm{lb} .60 \mathrm{c}$; lb. $\$ 1.50$, postpaid.

## 781 Purple Top White Globe

Roots globe shaped and flesh pure white. For table use pull when about 2 inches in diameter Recommended for both home gardens and Recommended for both home gardens and lruckers. $\$ 1.00$, postpaid.
773 Mixed One-half No. 783 Seven Top Top White Globe. Oz 25c; $1 / 410.45 c ; 1 b . \$ 1.00$, postpaid.

> 772 Just Right All America Winner for 1960 An Filver HMedal Hybrid. It has heavy cut foliage and well developed white, smooth roots of flattened globe shape. Most uniform in growth. Just Right is just that for both tops and roots. It promises the best all around combination turnip so far created, superseding both Shogoin and Seven Top. 55 days. pkt. $35 c$; oz. $\$ 1.00 ; 1 / 41 b . \$ 3.00$, postpaid.

783 Seven Top A foliage turnip raised as a winter annual. Makes plenty of leaf and sprouts in the spring, tender and tasty as Turnip greens. Can also be used for grazing for stock. Roots are tough, woody and inedible. Pkt. $15 \mathrm{c} ; \mathbf{0 z}, 25 \mathrm{c} ; 1 / 4 \mathrm{lb} .45 \mathrm{c} ; 1 \mathrm{lb} . \$ 1.00$, postpaid.

## RUTABAGAS

787 American Purple Top Yellow
This is a selected strain which makes much larger and finer roots than the ordinary strains. The flesh is rich and sweet, retains its excellent flavor until late in the spring. 88 days. Pkt. 15 c ; 0z. 25 c ; $1 / 4 \mathrm{lb} .45 \mathrm{c}$; 1 b . $\$ 1.00$, postpaid.


781 Turnip, Purple Top white Globe

## Delicious Salad in Less

 Than Three Weeks!799 Tendergreen The easiest of all vegeectly hardy to hot or cold weather and in good growing conditions during the spring of the year TENDERGREEN is ready with the tastiest, most nourishing salad for the table in 18 to 19 days. TENDERGREEN is a most profitable crop for the market since it requires but little cultivation and time. Pkt. $15 \mathrm{c} ; \mathrm{oz} .25 \mathrm{c} ; 1 / 41 \mathrm{lb} .55 \mathrm{c} ; 1 \mathrm{lb} . \$ 1.50$, postpaid.

# Wyatt-Quarles Vegetable Plants <br> NO C.O.D. SHIPMENTS 

CABBAGE PLANTS
Shipments February, March, April Variety: Jersey Wakefield. 50 plants 70c; 100 for $\$ 1.20 ; 500$ for $\$ 4.25$, postpaid.

## PEPPER PLANTS

Shipments May, June
Varieties: California Wonder (Sweet), Long Red Cayenne Hot. 1 doz. plants $65 \mathrm{c} ; 2$ doz. for $\$ 1.00$, postpaid.

## ONION PLANTS

Shipments February, March, April
Varieties: White Bermuda (Crystal Wax), Yellow Bermuda. 100 plants $\$ 1.00 ; 500$ plants $\$ 4.00$, postpaid.

## COLLARD PLANTS

## Shipments June, July, August

Variety: Morris Improved Heading. 50 plants 70 c ; 100 plants $\$ 1.20$, postpaid.

## TOMATO PLANTS

## shipments April May, June

Varieties: Homestead 24, Valiant. 25 plants 75 c ; 50 for $\$ 1.25$; 100 for $\$ 2.00$, postpaid.

## STRAWBERRY PLANTS

(From the most nematode and virus free stock we have found)

Albritton (Early) The berry grown North Carolina, in general replacing the
 vigorous growth and are quite productive of very large, bright, shiny firm high quality erries, 25 plants $\$ 1.50 ; 50$ for $\$ 2.30 ; 100$ for 3,35; 200 tor $\$ 5.85$, postpaia.
Dixieland (Early) A few days earier does well from South Carolina Alo New York and from the Atlantic Coast to the Mississippi River, In addition to the luxuriant plant growth, heavy productiveness, size and beauty of the berries, the firmness of Dixieland is hard to realize. Berries are light in color, quite tart and are highly recommended or processing. 25 plants $\$ 1.65 ; 50$ for $\$ 2.55$ 100 for $\$ 3.95$; 200 for $\$ 6.50$, postpaid.

## Massey (Late) Crop Failure

## New Climbing Strawberry

> SONJANA-The new ornamental climbing strawberry thats good to eat. It is a handsome ornamental that grows 4,5 and even 6 feet high. With extraordinary vigor, so that it forms a mass of foliage. Truly everbearing, with blossoms and berries from Spring until frost. Delicious fruit with the fine flavor for which European strawberries are so famous. Sold only in multiples of 3 . 3 Plants $\$ 6.95$, postpaid.

> Guaranteed to grow, bloom and bear.

808 BORAGE-A-(2 ft.)-Food for the bees. Leaves used as cordial flavoring. Beautiful sky blue flowers. Pkt. 25c; $1 / 4$ oz. 45 c , postpaid.

846 THYME-P-( 10 in.)Plant used green or dry for seasoning. Its dwarf habit makes the plant an attracrockeries. Pkt. 25c; $1 / 4$ oz. 45 c , postpaid.
830 SAVORY SUMMER-A ( 10 in.) - Entirely used for flavoring dressings, salads, etc. Pkt. 25c; 1/4 oz. 45c, postpaid.


806 SWEET BASIL - A - ( 2 ft.$)$ - Sweet scented leaves are used for flavoring soups sauces, etc. Pkt. $25 \mathrm{c} ; 1 / 4 \mathrm{oz}$. 45 c , postpaid.

818 DILL-A-(3 ft.)-Seeds and stems furnish the flavor for the famous dill pickles. Also used in sauces, etc. Pkt. 25c; $1 / 4$ oz. 45c, postpaid.

823 LAVENDER- $P$ - ( 2 ft.$)$ Real old-fashioned lavender for perfume. Leave used for seasonpaid.

825 MARJORAM-P—(15 in.)Leaves used green in summer, dried in winter for seasoning. Pkt. 25 c ; $1 / 4 \mathrm{oz}$. 45 c , postpaid.

837 S A G E-P—(15 in.)—Most popular of all seasoning herbs.


220 CHIVES-Plant 10 inches tall, bushy with thin onion-like leaves. A hardy perennial of the onion family. Stems are used for flavorare highly decorative. Milder than onions. Pkt. $25 \mathrm{c} ; 1 / 4 \mathrm{oz} .45 \mathrm{c}$, postpaid.

# Wyatt-Quarles Lawn Grass Seeds 

A smooth, green lawn is your home's greatest beauty asset. Deep, thorough preparation, proper fertilization and good seed are the most important steps toward a successful lawn. Read " 10 Steps in Lawn Building," then select

## Wyatt-Quarles CAROLINA LAWN GRASS MIXTURE

F-60. W.-Q. CAROLINA MIXTURE of lawn grass seeds is an improvement on all the better mixtures offered heretofore at comparative prices. Our constant experiments have taught us just what grasses are prices. best suited for eastern and southern states, The finest seeds of these varieties are carefully recleaned and blended into our Carolina Mixture Prices: 1 to 4 lbs . 92 c per lb .; 5 to 241 lbs .82 c per $1 \mathrm{~b} . ; 25$ to 99 lbs .80 c per lb.; 100 lbs. or more @ 77c per lb., postpaid.

## Wyatt-Quarles SUNNY SOUTH <br> LAWN GRASS MIXTURE

F-59. W-Q. SUNNY SOUTH MIXTURE. For lighter soils and soils that become extremely dry, and in locations subjected to extreme heat during the summer months Wyatt-Quarles Sunny South Mixture of lawn grasses is recommended. The grass varieties including Bermuda used on golf greens over the entire South predominate in this mixture Only the purest stocks are used. Sow 6 lbs. per 1,000 sq. ft. Prices: 1 to 4 1 bs . 92 c per lb.; 5 to 24 lbs . 82 c per 1 b .; 25 to 99 lbs . 80 c per 1 b .; 100 lbs or more @ 77c per lb., postpaid.

## Wyatt-Quarles COASTLAWN LAWN GRASS MIXTURE

F-63. W.-Q. COASTLAWN. A mixture of grasses particularly adapted to our eastern coastal plain soils. It should be considered for lighter soils where reasonable moisture levels are the rule. Prices: 1 to 4 lbs. 82c per 1 b . 5 to 24 lbs . 72c per 1 lb ; 25 to 99 lbs . 70 c per lb .; 100 lbs . or more 67c per lb., postpaid.

## Wyatt-Quarles SHADY NOOK LAWN GRASS MIXTURE

F-61. W.-Q. SHADY NOOK LAWN GRASS. A carefully blended mixure of exclusively perennial grasses best adapted to shaded situature of exclusively perennial grasses best adapted to shaded situa-
tions. Use 6 lbs . per $1,000 \mathrm{sq}$. ft. These shade tolerant varieties are tions. Use 6 lbs. per 1,000 sq. ft. These shade tolerant varieties are seriously injured their first 2 or 3 seasons. We recommend they be allowed to go during their first 2 or 3 seasons. We recommend they be allowed to go un-cut during the summer, June through September, until well established. Where the soil is acid from poor drainage or drippings from trees, occasional applications of agricultural lime should be made a
 postpaid.

## Wyatt-Quarles SHADY NOOK No. 2

F-58. W.-Q. SHADY NOOK NO. 2. For those who want a lower cost Shady mixture we have added annual Ryegrass to our regular Shady
 1b.; 25 to 99 lbs. 80 c per 1b.; 100 lbs. or more @ (ive per lb., postpaid.

## STRAIGHT SEEDS

F-45. U3 BERMUDA. A new variety that produces leafy, fine-stemmed lawn turf of a rich green color. A beautiful turf that grows earlier in Prices: 1 b . $\$ 5.20$; $\%$ to 9 lbs., $\$ 5.10$ per lb., postpaid F-37. HCLLED BERMUDA. You buy only the fine seed kernel itself in this pure, hulled Bermuda seed. Should be sown only after the soil is warm in the spring. Sow 2 lbs. per 1,000 sq. ft. Prices: lb. $\$ 1.69 ; 2$ to lbs.@ $\$ 1.19 \mathrm{lb}$.; 25 to $99 \mathrm{lbs.@} \$ 1.17 \mathrm{lb}$.; 100 lbs . or more @ $\$ 1.15 \mathrm{lb}$.

F-36 MERION KENTUCKY BLUEGRASS. Has shown to be markedly superior to common bluegrass from the turf standpoint. Resistant to leafspot, withstands close mowing and is heat and drought tolerant Possesses good texture and color, a vigorous grower. Prices: 1b. $\$ 2.80$, 2 to 9 lbs .@ $\$ 2.60$ lb, postpaid. Not prepaid, 1 to 4 lbs.@ $\$ 2.50$ 1b.; 5 to 24 lbs. @ $\$ 2.25 \mathrm{lb}$.
F-51. CARPET. Beautiful, dark green, low creeping grass and excel lent for the low moist soils of the coastal areas. Shade tolerant. Spring planting is preferable, March and April, or fall planting with Red Top 0 . 80 lbs. per acre ( 2 lbs. per 1,000 sq. ft.). Prices: 1b. 95c; 2 to 9 lbs @ $80 \mathrm{c} \mathrm{lb} . ; 10$ to 24 lbs . @ 66 c 1 lb ., postpaid. Not prepaid, 10 to 24 lbs @ 59c 1b.; 25 to 99 lbs. @ 57c lb.; 100 lbs. or more @ 55c lb.
F-67 CENTIPEDE GRASS. A fine bladed grass of creeping habit that forms a dense sod. It is more tolerant to shade than Bermuda and can also stand close mowing. Seed very small, sow 4 ounces per 1,000 sq. feet. Write for prices.
F-40. KENTUCKY BLUE. Very dark glossy green, remaining green most of the year where adapted. Makes little growth during midsum mer, but starts growth in early spring. Ideal for lawns but require deep, fertile, alkaline soil. Use lime and 8-8-8 fertilizer regularly. Never cut close during hot dry seasons. Seed 80 lbs . per acre ( 2 lbs . per 1,000 sq. ft.) Prices: $\mathrm{lb} . \$ 1.15 ; 2$ to 9 lbs. @ $\$ 1.00 \mathrm{lb} . ; 10$ to 24 lbs . @ 82 c 1 lb . postpaid. Not prepaid, 10 to 24 lbs. @ 75 c 1 lb .; 25 to 99 lbs . @ 70c lb.; 100 lbs . or more @ 65 c lb.
F-46. CHEWINGS FESCUE. Best for dense shade. Very fine leaved, dark green grass which once established withstands the poor dry under trees better than most others. Sow 4 lbs, per 1.000 sq ft Prices: lb. $\$ 1.10 ; 2$ to 9 lbs . @ $90 \mathrm{c} 1 \mathrm{lb} . ; 10$ to 24 lbs . @ 75 c 1 lb ., postpaid. Not prepaid, 10 to 24 lbs . @ 75c 1b.; 25 to 99 lbs .@ 67 c 1 lb .. 100 lbs or more 65 c 1 b .
F-52. RED TOP. A fine leaved variety, well adapted to grow under a number of soil conditions, best suited to moist fertile soils, and d number of soil conditions, best suited to moist fertile soils, and @ $79 \mathrm{c} 1 \mathrm{~b} . ; 10$ to 24 lbs . @ 66 c 1b., postpaid. Not prepaid, 10 to 24 lbs . @ $59 \mathrm{c} 1 \mathrm{lb} . ; 25$ to 99 lbs . @ 57 c lb .; $100 \mathrm{l} \mathrm{lbs}^{2}$ or more @ 55 c lb .
F-43. RYE GRASS (Annual). The quickest germinating and fastest growing grass for lawn use. May be seeded any month and will germinate and produce a green lawn until killed by warm weather. Sow 10 lbs. per 1,000 sq. ft.; established lawns 2 lbs. per 1,000 sq. ft. Prices: lb. 48 c ; 2 to 9 lbs .@ $35 \mathrm{c} ; 10$ to 24 lbs .@ 22c lb., postpaid. Write for quantity prices.
F-80. WHITE DUTCH CLOVER. A most dependable lawn subject. Stays green almost the year 'round, and if limed and fertilized improves the soil and serves as a nurse crop for grasses. Sow 11b. per 1.000 sq. ft. Prices: 1b. $\$ 1.55$; 2 to 9 lbs. @ $\$ 1.35 \mathrm{lb} . ; 10$ to 24 lbs . @ $\$ 1.22$ lb., postpaid. Not prepaid, 10 to 59 lbs. @ $\$ 1.15 \mathrm{lb}$.; 60 lbs . or more @ $\$ 1.10$ 1b.

## Ten Steps in Lawn Building

1-Break or plow deeply with subsoil or similar plow to prevent burying top soil-then level or grade as needed
2-Apply the equivalent of 3 heavy green cover crops or 3 inches weed free manure or both if available
3-Apply lime as needed up to 50 lbs. per $1,000 \mathrm{sq}$. ft. and fertilize with 50 lbs . of $8-8-8$ per $1,000 \mathrm{sq}$. ft .
4-Pulverize and smooth suriace.
5-Seed 6 lbs. Carolina. Sunny South or Shady Nook mixture per 1,000 sq. ft., between September 1 and March 15.
6-Soak thoroughly but slowly to avoid moving seeds. Keep moist until grass is up. Soak occasionally during dry periods.

- Mow Bermuda and rye grasses close and often: Blue grasses and fescues no closer than 2 inches nor more often than necessary, particularly during hot, dry seasons.
8-Return compost clippings with liberal amount of sand to lawn in light applications as a mulch during summer. sq. ft., high grade fertilizer or 50 to 100 lbs . per 1,000 sq. ft. sheep manure, or both. Always sprinkle after feeding.
10-Apply additional seeds as needed with regular feedings.


# All-American Winners and Special Novelties For the Modern Flower Garden 



1779 Marigold Crackerjack

## Alyssum

1015 Rosie O'Day All, Ammerican Se1961. See picture on inside front cover. The low and compact in the Royal Carpet style Beautiful in borders, edging or ground cover Pkt. $50 \mathrm{c} ; 1 / 16$ oz. $\$ 1.15 ; 1 / 4 \mathrm{oz}$. $\$ 3.80$.
1020 Pink Heather All America Selecdwarf type with blooming habit of Violet Queen dwarf type with blooming habit of Violet Queen and Little Gem. Plants are well covered with lavender fowers.

## Snapdragons

1071 Rocket Mixed An All American for 1960. While F1 hybrid snaps have been in use by greenhouse growers for some time, the Rocket hybrids are the first to be marketed for outdoor garden use
The reliability and endurance of these fine hybrids in this mixture was demonstrated across the entire country last year, and their superiority above standard varieties is as evident as that of F1 Petunias over open pollinated strains. Height Bronze, Rose, Orchid, Pink, Yellow, Red and White, Pkt. 75c, $\mathbf{1 / 1 2 8}$ oz. $\$ 3.00$.


1071 Snapdragons, Rocket Mixed

## Cosmos

1476 Mandarin The first of a new class double flowers (up to 50 petals), orange flare color, and the heavy dense cover of foliage makes it superior to any other variety. This pleasing foliage is maintained all through the blooming season, even after the plants have been in bloom a long time, and converts Cosmos from a sparse, open plant to a luxurious garden specime.

## Marigolds

1769 Spun Gold (See picture on inBronze Medal All American Selections WinBronze Medal An American Selections winthemum flowered type averaging 12 inches tall, erect, bushy growth, with a multitude of large double flowers 3 inches across, with incurved petals, bright golden yellow in color The foliage is medium green. Prominent features of this Bronze Medal Winner are extreme earliness, uniformity of height and habit and profuse blooming. Ideal for mass bedding, borders, plant flats, window boxes and pot work. Pleasing effects can be obtained when used in garden arrangements with other popular, colorful annuals such as Ageratum, Alyssum, etc. Pkt. 50c; $1 / 16 \mathrm{oz}$. \$1.40; 1/4 oz. \$4.55.

## Petite Marigolds

This class of extra Dwarf French Marigold was awarded the All-America Bronze Medal (except Petite Yellow, which was not ncluded in the All-America trails, as it was not ready at that time), because it fills a much wanted need for an extra dwarf, uniformly even, very early and extremely floriferous Marigold for borders and mass effects Height 6 inches
(A) 1750 Harmony The flower is a ing bicolor. Guard petals are a rich deep mahogany with a solid gold crested center
(14) 1751 Gold
(ia) 1752 Orange
1753 Yellow 1754 Mixed
All Petite Marigolds, Pkt. 25c; $1 / 4$ oz. 90c; oz. $\$ 3.00$.

## Petunia

1885 Scarlet Lustre Glowing and blooms with waved and fringed petal edges and a bright yellow throat make this new grandiflora hybrid an instant favorite. Plants reach a height of only 1 foot spreading to 2 feet across and blooming steadily over the entire area. A good contrast for Blue Lustre
1886 Blue Lustre A fino Fi Hybrid Newly opened blooms are deep velvety Pe tunia Blu?. As they arep velvety Peweather, they develop a rich red undertone which varies like taffeta. depending on the light under which they are viewed. Plants grow olly a foot tall, spreading 24 inches bearing an incredible number of waved, lustrous flowers during the course of the season. Pkt. 75c; 1/128 oz. \$12.10.
(A1) 1887 Maytime An All-American ner A F1 Hybrid grandiflora in an enchant ing shade of clear, light salmon pink, with slightly deeper veining. The flowers are large, $3 \frac{1 / 2}{}$ to $4^{\prime \prime}$, of good substance with just a slight fringe, freely produced on vigorous compact, spreading plants with an average height of 12 inches. Free flowering. Pkt 50c; 1/128 oz. $\$ 4.50$
1938 Cord Satin $\begin{gathered}\text { (See picture on in- } \\ \text { side } \\ \text { front cover) }\end{gathered}$ All Amorica Bronze Medal Winner for 1961 An F1 Hybrid Multifiora. The very compact, very dwarf plants hold their form and prois truly a beautiful Petunia. Pkt. 65c; $1 / 128$ $0 \%$. $\$ 4.50$.


2250 Zinnia, Pride of Dieldrin
(14) 1936 Glitters All America Selections Multiflora is a fine development in Petunia crossMultiflora is a fine development in Petunia crossing. Attractive bicolor, red and white, everPkt 50 c : 128 oz. $\$ 4.50$; $1 / 64 \mathrm{oz} . \$ 8.00$.

## Giant Tetra Phlox

(il) 1946 Glamour All Almerica pronzo A delightful, glamorous shade of mid-salmon with a slightly deeper salmon eye. Flowers are very large, $1^{3 / 4}$ in. across, and borne in showy unbels above the rich green foliage of the 12 in . plants. Being a tetraploid, Glamour is a vigorous, uniform, free flowering annual phlox of a most pleasing warm color. Highly desirable for garden and cutting purposes. Pkt. $75 \mathrm{c} ; 1 / 16 \mathrm{oz}$. $\$ 2.50$.

## ZINNIA

2250 Pride of Dieldrin $\underset{\text { Chis }}{\text { Gistus }}$ Giant 2250 Pride type is a new color combination in its class and big and husky both in flower and plant. The blooms are fully 5 inches across, with the outer petals a golden orange and the heart of the flower a vivid scarlet flame. Pkt. $25 \mathrm{c} ; 1 / 8 \mathrm{oz} .55 \mathrm{c}$; 1/4 oz. $\$ 1.00$; oz. $\$ 3.30$


1885 Petunia, Scarlet Lustre

## Wyatt-Quarles Zinnias

We are happy to offer this year, seeds from the very finest Zinnias cultivated. Flowers from the ficlds where Wyatt-Quarles seeds are selected have been awarded gold medals for distinction in size and color since 1926. Wyatt-Quarles pure strain Each year Wyatt-Quarles Zinnias produce prize winning flowers for flow the world all over the south. Get your seeds frome prize winning flowers for flower growers Zinnias in your community.
CULTURE. Sow the seeds indoors in March or April or outdoors after ground is rarm. Fertilize heavily and pinch out first feet apart when plants are 3 to 4 inches the plants. Wyatt-Quarles Zinnias out first bud when it first forms in the top of

## NEI TYPE

GIANT CACTUS FLOW ERED ZINNIA
Flowers grow 5 inches or more across, with a fariation of petal formation. Plants are strong, free blooming. $2^{1} 2$ to 3 feet tall.
220 PRIDE OF DIELDRIN. New bicolor orange and fame. See page 17. Pkt. 25c; $1 / 8 \mathrm{oz} .55 \mathrm{c} ; 1 / 4 \mathrm{oz} . \$ 1.00$; oz. \$3.30.
d8 SUNNY BOY. Buttercup yellow, with flat reflexed petals. Makes beautiful cut flowers. Pkt. 25c; ${ }^{4}$ oz. $90 \mathrm{c} ;$ oz. $\$ 3.00$.
FLORADALE SCARLET. Vibrant red with twisted flat petals. Vigorous grower. Pkt. 25c; 1/4 oz. $90 \mathrm{c}: \mathrm{Oz}$. $\$ 3.00$
2247 ROSALIND. A beautiful rose-pink deepening to salmon rose in the center. Rosalind is well worthy of growing. Pkt. $25 \mathrm{c} ; 1 / 8 \mathrm{oz} .95 \mathrm{c} ; 1 / 4 \mathrm{oz}$. $\$ 1.70 ; \mathrm{oz}$. $\$ 5.60$. 2249 ESKIMO. Flowers are loosely ruffled creamy white with cupped "needle" petals. Not twisted. Pkt. 25c; $1 / 40 \mathrm{oz} .90 \mathrm{c} ;$ oz. $\$ 3.00$
2251 BLAZE. AAS Winner. Bright flame orange, with twisted flat petals. Pkt. 25c; $1 / 8$ oz. $65 \mathrm{c} ; 1 / 4 \mathrm{oz} . \$ 1.20$; oz. $\$ 3.90$.
2254 MIXED. A well blended mixture of rose, lavender, canary, yellow, orange-scarlet, white and cerise formulated for greater contrast. Pkt. 25 c; $1 / 4$ oz. 70c; oz \$2.25
${ }_{2201} \mathbf{Z}$ BURPEE HYBRIDS. Varied mixture of Cactus or Chrysanthemum flowered type with gorgeous range of colors and color combinations. Pkt. 25 c ; $1 / 4$ oz. 90 c ; oz. $\$ 3.00$.

2243 Ortho Polka A striped Zinnia with husky double blooms. Color combinations include pink and white, rose and white, red and white, lavender and orange, pink and rose, as well as some solid colored flowers of each hue. The markings are extremely varied. Pkt. 25 c; $1 / 4$ oz. 60c; oz. $\$ 1.95$.
2260 Tom Thumb Mixture Smaller even than the popular Lilliput these mites grow only 8 to 10 inches tall. The plants are covered with well formed double flowers of red, orange, yellow, pink and rose. Such a dainty and tiny plant fascinate every flower lover. Pkt. 15c; $1 / 4$ oz. 40c; fascinate

## 2198 Super Crown O'Gold Pastel Tints

It is a mixture of pastel tints containing a wide range of pastel shades. The plants are strong and robust and the flowers are borne profusely through the season. Pkt. 15c; 1/4 Oz. 45c; oz. $\$ 1.50$


2220 Zinnia, Dahlia Flowered Mixed
18

## GIANTS OF

 CALIFORNIA DOUBLE ZINNIASThe Giants of California type of Zinnias differ from the Dahlia flowering group only in that they are different in form. Both types produce immense double flowers in almost every color and shade. Invaluable for showy beds or borders outside or for cut flowers. Zinnias can be kept in constant bloom by a succession of plantings.

## 7 BEST COLORS

2221 PURITY. Best pure white
2225 CRIMSON QUEEN. Rich crimson. 2227 SALMON QUEEN. Salmon rose. 2228 VIOLET QUEEN. Deep purple. 2235 ENCHANTRESS. Light rose, deep rose center.
2237 DAFFODIL. Canary yellow
Any of the above GIANTS OF CALIFORNIA DOUBLE ZINNIAS, Pkt. 15c; $1 / 4 \mathrm{oz}$. 40c; oz. $\$ 1.30$.
2240 GIANTS OF CALIFORNIA MIXTURE. A mixture of all colors and many shades. Pkt. 15c; $1 / 4$ oz. 35 c ; oz. $\$ 1.20$.

## SUPER GIANT ZINNIAS

2202 FINEST MIXED. This mixture contains the loveliest colors and combinations of colors ever seen in Zinnias Unusual shades of apricot, cream, buff salmon and orange with few yellows and whites. Giant flowers 5 to 6 inches across, and of a wide diversity of flowe form. Plants 3 ft tall. Pkt. 15c; $1 / 4 \mathrm{oz}$ 40c; oz. \$1.30

## FANTASY ZINNIAS

2241 FINEST MIXED. Medium size flowers, informal in appearance, shaggy rag-like petals massed to make a rounded, double flower. The colors are rich and full; bright yellow, red and pink shades predominating the well blended mixture. Pkt. 15c; $1 / 4$ oz. 40c, oz. \$1.30.
2195 Gaillardia Flowered
Mixed The flowers bearing a striking lardias in both form and color and are especially nice for cutting. This variety especialy in 45 to 50 days on plants usually 2 feet tall. The flowers are of medium size. Pkt. $15 \mathrm{c} ; 1 / 8 \mathrm{oz} .55 \mathrm{c} ; 1 / 4$ oz. $\$ 1.00$; oz. $\$ 3.30$.
2194 Persian Carpet AAS Winner. Fully double miniature flowers, variegater in many combinations of gold and silver with maroon, wine, bronze, etc Cutting stems on everblooming 12 -inch mound-shaped plants. Pkt. $15 \mathrm{c} ; 1 / 8 \mathrm{oz} .40 \mathrm{c} ; 1 / 4 \mathrm{oz}$. 70 c oz. $\$ 2.25$.

## 2196 Haageana Double

 Mixed $\underset{\text { Mexican Hybrid Zinnias em- }}{\text { A mixt }}$ bracing a wide range of colors including flowers of solid color and combinations of yellow, orange, scarlet, gold, maroon and many other rich shades. Pkt. 15c; $1 / 8 \mathrm{oz}$. 65 c ; $1 / 4$ oz. $\$ 1.20$.2197 Linearis Mixed An early season zinnia species producing on compact plants, 8-10 inches tall, hundreds of single gold, orange and white flowers. Good cut-flower. Ideal for formal gardens, pots and edging. Pkt. 25c; 1/16 0z. 75 c ; $1 / 8 \mathrm{oz}$. $\$ 1.35$; $1 / 4 \mathrm{oz}$. $\$ 2.45$.


2244 Floradale Scarlet

## DOUBLE DAHLIA-FLOWERED ZINNIAS

Plants are medium height, $2 \frac{1 / 2}{}$ to 3 feet tall, bearing on many strong stems huge fully double flowers resembling the show type of Dahlia.
2204 POLAR BEAR. Pure snowy white flowers of great size and remarkable texture.
2205 DREAM. Giant flowers of true deep lavender shades. This variety makes perfectly formed flowers.
2206 SCARLET FLAME. Brilliant scarlet. This is by far the showiest of all flowers for mass planting or cutting
2209 METEOR. A rich glowing deep red. Dark est of all the reds and produces tremendous blooms.
2214 CANARY BIRD. Clear rich canary yellow This shade is valuable for setting off othe colors and brightening large beds of Zinnias.
2215 ILLUMINATION. Rich deep rose. A magnificent flower in every respect.
2220 G OLD MEDAL DAHLIA-FLOWERED MIXED ZINNIAS. A very choice mixture made up of the named varieties listed above.
All above varieties, Pkt. 15c; $1 / 4$ oz. 40c; oz. \$1.30.

## puMILA DW arf DOUBLE ZINNIAS

## (Cut and Come Again)

2200 MIXED. This garden favorite is becoming an important early cut flower. Flowers inter解 tall. Pkt. 15c; $1 / 4$ oz. 40c; oz. $\$ 1.30$.

## DOUBLE LILLIPUT ZINNIAS

The Lilliputs (Ponpon or Baby Zinnias) are among the most popular for cut flowers. Flowers are small, compact and symmetrical, on strong stemmed plants, $1,2-2$ feet tall
2278 Rose BUD
2279 CANARY GEM
2282 MAHOGANY GEM
2284 CRIMSON GEM
2286 PURPLE
2287 WHITE GEM
2280 DOUBLE MIXED
2288 PASTEL MIXED
Above varieties Lilliput Zinnias, Pkt. 15c; 1/8 oz. 40c; $1 / 4$ oz. 70c; oz. $\$ 2.40$.

2366 Miniature Creeping Zinnia
The plants grow only 6 inches tall, and are of creeping habit. They start blooming in June and continue till frost and are unexcelled for dwarf borders or edgings. Pkt. $15 \mathrm{c} ; 1 / 4 \mathrm{oz} .50 \mathrm{c} ;$ oz. $\$ 1.70$.

(iil)
1021 Alyssum, Royal Carpet

## Sweet Alyssum

Alyssum can be planted nearly every month in the year in the south and will bloom protusely until killed. It takes a hard freeze to kill Alyssum.
1015 ROSIE O'DAY. All America Selections Winner for 1961. See picture on inside front cover. The fine new really pink All America that grows low and compact in the Royal Carpet style. Beautiful in borders, edging or ground cover. Pkt. $50 \mathrm{c} ; 1 / 16 \mathrm{oz}$. $\$ 1.15 ; 1 / 4 \mathrm{oz} . \$ 3.80$.
1020 PINK HEATHER. All America Selections Winner. A dwarf type with blooming habit of Violet Queen and Little Gem. Plants are wel covered with lavender flowers.
(A) 1021 ROYAL CARPET. All-American win-- ner. A companion for Carpet of Snow. Will grow only a few inches high but ten inches across, flowering when only a few weeks old until the end of the season. It is a neat and well-behaved edging for the fower bed or in drifts of vibrant purple color lik
1017. CARPET OF SNOW. Spreading plants, 2"$3^{\prime \prime}$ high, the white flowered twin of Royal Carpet. Pkt. 15 c ; $1 / 4 \mathrm{oz} .45 \mathrm{c} ;$ oz. $\$ 1.50$.
1018 LITTLE GEM. White flowers, erect plants $4^{\prime \prime}$ to 6 tall. Border all of your beds with Alyssum. The effect will please you. Pkt. 15c; $1 / 4 \mathrm{oz} .45 \mathrm{c}$; oz. $\$ 1.50$.
1019 VIOLET QUEEN. Dwarf, compact, sweetscented rich violet, $\mathbf{8}^{\prime \prime}$. Pkt. 15 c ; $1 / 4 \mathrm{oz}$. $60 \mathrm{c} ;$ oz. $\$ 1.90$.

## AGERATUM (Floss Flower)

An annual plant, growing about a foot high and covered all summer with close fluffy bloom heads of a pretty blue share
1011 BLUE PERFECTION. Deep amethyst blue brush-like flowers that do not fade, bloom from early summer until frost. Height 12-15 inches. A wonderful bedding plant. Pkt. 15 c ; $1 / 8 \mathrm{oz} .45 \mathrm{c}$; $1 / 4$ oz. 80c; oz. \$2.70.
1013 MIDGET BLUE. The little plants grow 2 to 3 inches high and they are practically covered with true blue flowers. Dwarf Ageratum that will come uniformly dwarf and true to color from seed
$\$ 1.25 ;$ oz. $\$ 4.20$.

## ANCHUSA

1036 BLUE BIRD. This is the attractive annual Anchusa. The compact plants grow 20-24 inches tall producing a wealth of flowers in a beautiful shade of indigo blue so rarely found. Pkt. 25c; $1 / 4 \mathrm{oz} .65 \mathrm{c}$; oz. $\$ 2.10$.

## Amaranthus

These plants grow 2 to 3 feet tall and have ornamental foliage as well as flowers. The seed is very fine, but grows readily if kept moist. Do not cover seed over a quarter of an inch. Hardy annual.
1027 CAUDATUS (Love-Lies-Bleeding). Long, drooping sprays of red flowers. Pkt. 20c; $1 / 4$ oz 55c; oz. \$1.80.
1028 MOLTEN FIRE. Dark foliage with brilliant Poinsettia-like heads. 4 feet. Pkt. 25c; $1 / 40 \mathrm{oz} .85 \mathrm{c}$; oz. $\$ 2.80$
1032 Mixed. This is a fine mixture of many brightly colored varieties. Pkt. 20c; $1 / 8 \mathrm{oz} .45 \mathrm{c}$; $1 / 4$ Oz. 80c; oz. $\$ 2.70$

## Antirrhinums

 (Snapdraqons)In keeping with the progress made by the world's leading seed hybridists, we offer only RUST RESISTANT SNAPDRAGONS throughout. The resistance of these new Snapdragons to rust will enable millions of fanciers to grow this most colorful flower with ease. Plant early giving protection, setting the plants 1 foot apart in the open when the ground s warm
1053 ALASKA. A beautiful pure white Snapdragon, extremely popular with florists where size, height and form are so necessary. 3 feet.
1054 COPPER QUEEN. A beautiful bronzy copper blending to antique gold at the nose.
1055 CAMPFIRE. A clear luminous scarlet, free of orange. The yellow lip seems to add brilliance to the clear color of the flower. 3 feet.

1056 LOVELINESS. The finest pure soft rose pink variety. 3 feet.
1058 CANARY BIRD. Large, clear canary yellow flowers crowded on the tall strong stems. A vigorous grower and a good variety in every respect. 3 reet.
All above Snapdragons: Pkt. 20c; 1/16 oz. 55c; $1 / 4$ oz. $\$ 1.80$; oz. $\$ 6.00$.
1060 GIANT-FLOWERED MIXED. A mixture of lovely colors in a flower famed above all else for its coloring. Where else does one find such color? Pure colors and combinations of white pinks, yellows, reds, bronze, orange 15 c ; $11 / \mathrm{oz}$ oz 40 c ; $1 / \mathrm{oz}$. 0 c . 3 feet. Pkt $15 \mathrm{c} ; 1 / \mathrm{B}$ oz. $40 \mathrm{c} ; 1 / 4 \mathrm{oz}$. 70c; oz. $\$ 2.35$.

## NEW ROCKET SNAPDRAGON

## 1071 ROCKET MIXED. An All Ameri-

 can Selection Winner for 1960. While F1 hybrid snaps have been in use by greenhouse growers for some time, the Rocket hybrids are the first to be marketed for outdoor garden use.The reliability and endurance of these fine hybrids in this mixture was demonstrated across the entire country last year, and their superiority above standard varieties is as
evident as that of $F 1$ Petunias over evident as that of F1 Petunias over
open pollinated strains. Height $21 / 2$ open pollinated strains. Height $21 / 2$
to 3 ft . A carefully formulated blend of Bronze, Rose. Orchid, Pink, Yellow, Red and White. Pkt. 75c; 1/128 oz. $\$ 3.00$.

1061 Tetraploid Superfine Mixture. Tetra Snaps are erect mediFlorets are huge, majority richly veined and ruffled and stay on stems so that 12-in. flower stems are not unusual. Colors cover the full range. Pkt. 15c; $1 / 8 \mathrm{oz} .55 \mathrm{c} ; 1 / 4 \mathrm{oz}$. $\$ 1.00$; oz. $\$ 3.30$.
1062 Panorama $\begin{gathered}\text { This is a formula } \\ \text { mixture of } \\ \text { of }\end{gathered}$ generation seed, created to withstand the hot, dry mid-continent and Eastern summers. Home gradeners everywhere will enjoy the robust, healthy, free blooming plants. Don't miss this sensational new development. Pkt. 25c; $1 / 8 \mathrm{oz}$. $\$ 1.00$; $1 / 4 \mathrm{oz} . \$ 1.80$; oz. $\$ 6.00$.

1063 Mardi Gras Firmly estableading F2 Hybrid Snapdragon, Mardi Gras combines the advantages of earliness (to escape damaging heat) with hybrid vigor for long spikes and the extreme color range possible only by the precise application of the F 2 breeding method. In a good sized planting, you can count at least 20 colors and color combinations. Pkt. 20c; $1 / \mathrm{s}$ oz. 55 c ; $1 / 4$ oz. \$1.80; Oz. \$3.60.

## Wyatt-Quarles wilt resistant Asters

In many parts of the country the growing of this most lovely of flowers has been almost impossible. But now, they're easy to grow anywhere. You can grow them in your own garden with ease and enjoy their delicate shades, exquisite form, long graceful stems for cutting and their charming effect in the garden. Wilt-resistant Aster seeds need only to be sown $1 / 4$ inch deep in a well prepared bed or box of soil in full light and where an even and very light moisture can be maintained. The small plants should be transplanted to 3 inches apart when several leaves have formed, and when 2 inches tall, set into the garden 12 to 15 inches apart.

## BRANCHING ASTERS

Plants 2 ' $-2 \frac{1}{1} \mathbf{1}^{\prime}$ tall, branching robust, flowers large, double and fine form, blooming in late August 1096 Deep Blue or Purple.
1099 Shell Pink.
1102 Scarlet.
1103 White.
1106 Azure Blue or Dark Lavender.
1110 MIXED BRANCHING
Any of the above Branching Asters, Pkt. 15c; 1/8 oz. 40 c ; $1 / 4 \mathrm{oz} .70 \mathrm{c} ; \mathrm{oz} . \$ 2.35$.

## SUPER GIANT ASTERS

The much appreciated wilt resistant strain of true giant ostrich-feather flowers with long heavy nonlateral stems, borne on plants $3^{\prime}$ high. Blooms late summer to frost. The best Giant Aster. 1129 HOLLYWOOD-Pure paper white. 1130 SANTA BARBARA-Dark purple 1131 EL MONTE-Crimson
1132 LOS ANGELES-Shell Pink
1134 SUPER GIANT-Mixed (all colors)
Any of the above Super Giants. Pkt. 25c; $1 / 16 \mathrm{oz} .70 \mathrm{c}$; 1/4 oz. \$2.25; oz. $\$ 7.50$.

Asters continued on page 20


1060 Antirrhinum Giant Flowered Mixed

ASTERS
Continued from page 19

## CREGO ASTERS

A very fine variety with large shaggy well formed flowers borne on long strong stems. Fine for cutting. Height $2^{1} 2_{2}$ feet.
1115 White
1116 Shell Pink
1115 Lavender.
1118 Crimson.
1120 CREGO MINED.
Any. of the above Crego Asters. Pkt. 15c; 1/8 oz. foc: ${ }^{2}+$ oz. $\mathbf{j 0 c}$; oz. $\$ 2.25$.

## PRINCESS ASTER

112: FINEST MIXED. The flowers are borne on long stems, have crested centers that remain full when flower is completely open, surrounded by multiple rows of guard petals. Fine for home gardeners because of high wilt resistance. Plants 2 to $2^{1 / 2}$ feet tall. branching habit, blooms in late August. Pkt. $25 \mathrm{c} ; 1 / \mathrm{s}$ oz. $55 \mathrm{c} ; 1 / 4 \mathrm{oz}$. $\$ 1.00 ;$ oz. $\$ 3.40$.

## CALIFORNIA SUNSHINE ASTERS

1149 MIXED. The flowers exhibit all the grace and beauty of the single Aster greatly enhanced by a cushion center of tiny quills of a contrasting color. Every garden-lover who wants fine flowers fcr cutting should have this. Pkt. 20c; $1 / 16 \mathrm{oz}$. $50 \mathrm{c} ;{ }^{1 / 4}$ oz. $\$ 1.65$; oz. $\$ 5.40$.

## Queen of market asters

Earliest of all Asters and best for the South Widely used for early market cutting. Plants $20^{\prime \prime}$ tall, long stemmed, medium size flower 1151 BALLET QUEEN. Salmon rose. Pkt. 20c; ${ }^{1 / 8}$ oz. 65c; $1 / 4$ oz. $\$ 1.20$; oz. $\$ 3.90$.
1150 QUEEN OF THE MARKET MIXED. Pkt. 15c; $1 / 8 \mathrm{oz} .35 \mathrm{c} ; 1 / 4 \mathrm{Oz} .60 \mathrm{c} ; \mathrm{OZ} . \$ 2.05$.

## BOUQUET ASTERS

1152 POWDERPUFFS. Mixture of all colors, blended according to formula. Plants literally covered with rafined, tightly double flowers, about
20 per plant. Pkt. $20 \mathrm{c} ; 1 / 8 \mathrm{oz} .60 \mathrm{c} ; 1 / 4 \mathrm{oz} . \$ 1.10 ; \mathrm{oz}$. 20 per
$\mathbf{\$ 3 . 7 5}$.


1127 Aster. Princess Mixed

## BALSAM

## (Lady's Slipper)

A half-hardy annual of easiest culture Prefers a rich soil and plenty of water One of the old-time favorites. Bal:am still deserves a place in your garden neight 2 feet.
1180 CHOICE DOUBLE MIXED. All colors. Pkt. $15 \mathrm{c} ; 1 / 4$ oz. 35 c ; oz. $\$ 1.10$.

## 1790 BELLS OF IRELAND (Molucella Laevis)

A novelty for your garden. The bell shaped, green flowers, which have excellent keeping quality as cut flowers, are borne on sturdy stems. Sow in the spring after soil has warmed well for best germination. Pkt. 15c; 1/8 oz. 35; $1 / 4 \mathrm{oz} .65 \mathrm{c}$; oz. $\$ 2.10$.

## BEGONIA

1190 FIBROUS ROOTED CHOICE MIXED. Aside from being attractive pot plants, begonias are valuable as bedding flowers, thriving in shade or sun if ample moisture is provided. bronze leaved varieties. Pkt. $35 \mathrm{c} ; \mathbf{1 / 3 2}$ oz. 90 c ; $1 / \mathrm{B}$ oz. $\$ 3.00$.

## Calendula

## (Pot Marigold)

One of the best and showiest freeflowering hardy annuals growing well in any garden soils. They make fine cut flowers, attractive beds and borders and bloom profusely.
1240 DOUBLE MIXED COLORS. Fkt.
15c; $1 / 4$ oz. 35c; oz. 95 c .

## CANDYTUFT

This is another of the old-fashioned favorites that still holds its place in the gardens of today. It can be sown outside right where it is to bloom
1265 ROSE.
1267 LILAC
1269 WHITE.
1270 CANDYTUFT MIXED. A choice mixture of all colors.
1273. GIANT WHITE HYACINTH FLOWERED. Immense trusses of pure white flowers, often 6 inches long. The largest of all Candytuft. Plants well branched, excellent for cutting.
Any of the above Candytuft. Pkt. 15c; $1 / 2$ oz. 55c; oz. 95c.

## CALIFORNIA POPPIES

## Eschscholtzia

It flowers early, and where the weather remains cool keeps on blooming until October. The plants are particularly well adapted for beds or borders. They are dwarf and spreading, growing flowers of a satiny finish.
1591 AURANTIACA. Flaming orange flowers. Pkt. 15c; $1 / 4$ oz. 35c; oz. 95c.
1600 CHOICE MIXTURE. A well balanced mixture of all varieties and colors. Pkt. 15 c ; $1 / 4$ oz. 35 c ; oz. 95 c .
1601 SEMI-DOUBLE MIXED. Pkt. 15c; $1 / 2$ oz. 55c; oz. 95 c .

## CARNATIONS

1320 MARGUERITE MIXED. These carnations will bloom the first year from seed, which should be sown in a hotbed in March or April, or outdoors in May. The blossoms are large, deliciously scented and rival even the greenhouse Carnation for cutting. Pkt. $15 \mathrm{c} ; 1 / 16 \mathrm{oz} .35 \mathrm{c} ; 1 / 4 \mathrm{oz}$. $\$ 1.20 ; \mathrm{oz}$. $\$ 3.90$


1342 Celosia, Pampas Plume Mixed

## CELOSIA (Cockscomb)

Free blooming very showy annuals that can be cut and dried for winter bouquets.
(AI) 1340 CRISTATA TOREADOR. AAS Winner. An improved cockscomb type, which is about $11 / 2$ feet tall. Bright scarlet with light green foliage in either a single comb or several small ones. Pkt. 15c; $1 / 16$ oz. 40c; 1/4 oz. $\$ 1.35$; oz. $\$ 4.50$.
1348 CRISTATA EMPRESS. A dwarf Cockscomb type growing only 1 foot high. Dark foliage, deep crimson bloom. Pkt. 25 c ; $1 / 16 \mathrm{oz}$. 60c; $1 / 4 \mathrm{oz}$. $\$ 2.00$; oz. $\$ 6.60$.
1350 CRISTATA DWARF MIXED. Cockscomb type growing about 1 foot tall. Pkt. 15c; $1 / 8 \mathrm{oz} .65 \mathrm{c} ; 1 / 4 \mathrm{oz}$. growing about

1341 PLUMOSA FOREST FIRE. Most impressive, brilliant red feathery type which deserves a place in every garden. Height 2 $1 / 2$ feet. Pkt. 15c; 1/16 oz. 55 c ; $1 / 4$ oz. $\$ 1.80$; oz. $\$ 6.00$.
1342 PAMPAS PLUME MIXED. Big fleecy, feathery flowers of brilliant autumn colors. Height 30 inches. Pkt. 15c; $1 / 4$ oz. 45c; oz. $\$ 1.50$.
1345 PLUMOSA GOLDEN FLEECE. Here's an annual that will stand any amount of hot weather. The clear golden yellow feathery spikes are carried on good stems giving a magnificent airy appearance. The plumes are huge and dense on long stems. Pkt. 15c; $1 / 16$ oz. 35 c ; $1 / 4 \mathrm{oz}$. $\$ 1.20 ;$ oz. $\$ 3.90$.

## Centaurea

BACHELOR'S BUTTON, RAGGED SAILOR, RAGGED ROBIN, OR CORNFLOWER
1364 RED BOY. Double deep red.
1366 DOUBLE PINKIE. An exceptionally fine strain of deep rose pink Bachelor Button.

1367 DOUBLE BLUE BOY. A very old favorite gar den annual, flowering freely in almost any situation Height 2 to 3 feet; largely used for cut flowers.
(4) 1368 JUBILEE GEM. AAS winner. Jubilee Gem
is outstanding because of the number of flowers of deep clear blue borne on each plant. Popular in pots, in the border, beds, rock garden or cutflowe garden. It prefers semi-shade, will do well in almost any soil and is extremely easy to grow. 1 foot.
1369 SNOW MAN. Double pure white.
1370 DOUBLE MIXED COLORS. Produces large globular heads of flowers filled up to the center witt florets
Any of the above Centaurea. Pkt. 15c; 1/4 oz. 35c; oz 95 c .

## COLEUS

1470 RAINBOW IMPROVED MIXTURE. Coleus may be planted outdoors in a well-prepared bed or may be grown as a pot-plant. Requires plenty of sunlight This fine mixture contains an assortment of different types and different colors. Pkt. 35c; 1/64 oz. 85 c ; 1/32 oz. $\$ 1.50$ : $1 / 8$ oz. $\$ 5.00$.

## CHRYSANTHEMUMS

1410 CORONARIUM DOUBLE ANNUAL MIXED. A beautiful blend of varied colors. Pkt. 15c; $1 / 2$ 0z. 55c; oz. 95c.
1420 CARINATUM SINGLE ANNUAL MIXED. This improved mixture of the Single Aineid. Painted Daisies offers a wider choice An brighter, more varied colors. It grows of brighter, in a variety of climates, to bedding height and produces quantities of flowers with good cutting stems. Pkt. 15c; $1 / 4 \mathrm{oz} .40 \mathrm{c}$; oz. \$1.40.

## COSMOS

Cosmos should be sown in spring in the pen ground, when danger of frost is past or the seed may be started under cover and fterwards transplanted. Plant not less than 18 inches apart in rows or in masses in beds When the plants are about a foot high the tops should be pinched out to induce a bushy growth.

## NEW COSMOS

1476 MANDARIN. See page 17 for description. Pkt. 25c; $1 / 8$ oz. $60 \mathrm{c} ; 1 / 4 \mathrm{oz}$. $\$ 1.10$; oz. $\$ 3.60$.

## COSMOS SENSATION

The Sensations reach a height of 4 feet or more but begin to flower when only $1 \frac{1 / 2}{2}$ feet high. Feathery foliage.
1480 DAZZLER. The well-formed broadpetaled blooms are an appealing deep crimson.
1481 PINKIE. A beautiful light pink.
1483 PURITY. Exquisite white blooms
1485 RADIANCE. A striking color combinaion. It has deep rose petals overlaid with large well-defined zone of rich crimson. 1482 SENSATION MIXED. The surprisingly arge pink, red and white flowers sometimes reach 4 to 5 inches across.
Any of the above Cosmos Sensation. Pkt. 15c $1 / 8$ oz. $45 \mathrm{c} ; 1 / 4$ oz. 80 c ; oz. $\$ 2.70$.

## COSMOS EARLY SENSATION SINGLE

1478 SPECIAL MIXED. All colors. Height 3 feet. Pkt. 15 c ; $1 / 4$ oz. 45 c ; oz. $\$ 1.50$.

## COSMOS HYBRIDA EARLY KLONDYKE

Earlier and dwarfer than other Cosmos. (AI) 1487 FIESTA. AAS winner. These semi-double ruffled, gold striped scarlet flowers borne like tropical birds amidst lacy foliage. Fiesta makes a compact $21 / 2 \mathrm{ft}$. plant with a riot of blooms all summer long. Pkt. $15 \mathrm{c} ; 1 / 16 \mathrm{oz} .35 \mathrm{c} ; 1 / \mathrm{s}$ oz. $60 \mathrm{c} ; 1 / 4 \mathrm{oz} . \$ 1.10$ oz. $\$ 3.60$.
1490 Single Late Mixed $\begin{gathered}\text { The } \\ \text { mos } \\ \text { The } \\ \text { do cos cos } \\ \text { no }\end{gathered}$ come into bloom until early autumn but they remain in bloom much longer than the ordinary early Cosmos. The flowers are large and our mixture contains all of the bright colors. Pkt. $15 \mathrm{c} ; 1 / 4$ oz. $40 \mathrm{c} ; \mathrm{oz}$. $\$ 1.30$

1455 DOUBLE MIXED. Clarkia is one of our easiest grown annuals, developing to perfection in a cool climate. The plants grow quickly and are in full bloom from 5 to 6 weeks after sowing. Contains rosy purple, rose, salmon, and white. A fine garden flower and good for cutting. Pkt. $15 \mathrm{c} ; 1 / 4 \mathrm{oz} .55 \mathrm{c} ; \mathrm{oz} . \$ 1.80$.

## CLEOME <br> (Spider Plant)

1460 PINK QUEEN. Huge bright sal-mon-pink flowers from early summer until late fall. As the petals fall, they are succeeded by long pods suspended on long wiry stems 3 to 4 feet. Pkt. 15c $1 / 8 \mathrm{oz} .40 \mathrm{c} ; 1 / 4$ oz. 70 c ; oz. $\$ 2.40$.

## CYNOGLOSSUM

## (Chinese Forget-Me-Not)

(A) 1524 FIRMAMENT. Firmament has (A) typical Forget-Me-Not flowers of a rich blue color. It is an easy to grow grows to a height of 18 inches. Pkt. 15 c ; grows to a height of

## CYPRESS VINE

1528 MIXED. A dainty, lacy vine of rapid growth producing small trumpetshaped red and white flowers in profu sion. Very effective where a screen is desired. Pkt. $15 \mathrm{c} ; 1 / 8 \mathrm{oz}$. $35 \mathrm{c} ; 1 / 4 \mathrm{oz}$. 65 c ; oz. $\$ 2.20$.

## DAHLIA

1535 UNWIN'S DWARF HYBRIDS Readily grown from seed and tubers may be saved from favorite plants. Start early and transplant. This variety presents a fine color range, with semi-double flowers. Height 24 inches. Pkt. 15c; 1/16 oz. 35 c ; $1 / 8 \mathrm{oz} .60 \mathrm{c} ; 1 / 4 \mathrm{oz} . \$ 1.10$.

## Dianthus (OR PINKS)

The Dianthus (Pinks) Plants are rugged and dependable. They prefer a well drained location where the sun reaches them most of the day Pinks proom continuously over a long period, and are excellent cut flowers.
1560 CHINENSIS DOUBLE MIXED. These large flowering double pinks very strongly resemble the large double carnations which are members of the same family. Very hardy and free flowering Pkt. $15 \mathrm{c} ; 1 / 4$ oz. $35 \mathrm{c} ;$ oz. $\$ 1.10$.
1581 HEDDEWIGI DOUBLE GAIETY. Carnation Shades. Mixed. Plants dwarf Compact $10^{\prime \prime}-12^{\prime \prime}$ free flowering, fringed petals. Pkt. 15c; $1 / 8 \mathrm{oz}$. $60 \mathrm{c} ; 1 / 4 \mathrm{oz}, \$ 1.10$; oz. $\$ 3.60$

## DIANTHUS TETRAPLOID HEDDENSIS

Entirely new variety, combining the arge flowers of Hedewigi with the longstemmed habit of Chinensis. More tolerant of extreme temperatures than either of its parents. For cutting. Height $11 / 2$ feet.
1582 WESTWOOD BEAUTY. Shades of red. Pkt. $25 \mathrm{c} ; 1 / 8$ oz. $55 \mathrm{c} ; 1 / 4$ oz. $\$ 1.00$. 1583 FINEST MIXED. PKt. $15 \mathrm{c} ; 1 / 16 \mathrm{oz}$. $40 \mathrm{c} ; 1 / 8 \mathrm{oz} .75 \mathrm{c} ; 1 / 4$ oz. $\$ 1.35$.

## DIDISCUS

(BLUE LACE FLOWER)
1586 COERULEUS. Beautiful large, lacelike flowers, of a lovely delicate azureblue, gracefully poised on long stems. Sow in the hot-bed in March and outdoors in May and again in June, and you can cut flowers until frost. Height $21 / 2$ feet. Pkt. 15c; $1 / 8 \mathrm{oz}$. 50c; $1 / 1 \mathrm{oz}$. 90c; oz $\$ 3.00$.

## EUPHORBIA

SNOW-ON-THE-MOUNTAIN) 1605 VARIEGATA. Small flowers beautifully set off by the top-leaves which are marked with broad white bands on a rich green ground. Grows 2 feet tall fine for beds and borcers. Sow where ing PK as the oz 15 c : $1 / \mathrm{oz}, 7 \mathrm{c}$ $\$ 2.40$.


1660 Gourds, Ornamental Mixed

## FOUR O'CLOCKS

1610 MIXED. Well known free-flowering plants. Supposed to open their blooms at 4 o'clock in the afternoon but on cloudy days are out all day. Small trumpetshaped flowers in bright colors. Grow anywhere. Height

## FUCHSIA

Culture: Germinate in sterile soil or vermiculite covering with $1 / 16^{\prime \prime}$ sand or peat moss at $65^{\circ}$ F' Treat with Semesan if soil is used. Keep moist but not wet Iransplant into sandy loam mixed with leaf mold. Feed weak liquid fertilizer.
1615 DOUBLE AND SINGLE MIXED. Well known pot and greenhouse plant. Very decorative for window boxes. Sow seed in hot-bed in February or March. Pkt. 50 c .

## GERANIUM

1640 GYANT MIXED. Easily grown as a pot plant or for selting outdoors in beds during the summer and fall. Pkt. $25 \mathrm{c} ; 1 / 32 \mathrm{oz} .75 \mathrm{c} ; 1 / 16 \mathrm{oz}$. $\$ 1.40 ; 1 / 8 \mathrm{oz}$. $\$ 2.50$.

## GERBERA (Transvaal Daisy)

They are usually grown as greenhouse or window plants where they flower continuously. The Daisy-like plants where they flower continuously. The Daisy-like stems.
1643 NEW HYBRIDS. An infinity of tints, from pure white through yellow, orange, salmon, rose, cerise and uby-red ng of the disk differs from that of the rays. Pkt. 35 c ; 2 pkts. 60c.

## Gourds <br> (ORNAMENTAL)

Annual climbers that form curiously shaped fruits on ines 10 to 20 feet high. Sow the seed like you would squash or cucumber in hills 3 feet a part and allow 3 plants to grow in each hill. Useful for covering arbors, fences or stone walls.
1657 DIPPER OR SIPHON. Club shaped, light green. 1660 ORNAMENTAL MIXED. This surprise mixture embraces many small-fruited varieties.
$1660 \%$ LARGE MIXED. This mixture contains a wide assortment of shapes and colors All Gourds. Pkt. $15 \mathrm{c} ; 1 / 4$ oz. $45 \mathrm{c} ; \mathrm{oz}$. $\$ 1.50$.

## GOMPHRENA

## GLOBE AMARANTH)

1656 GLOBOSA MIXED. One of the everlasting flowers that makes a fine display of clover-like blooms in the garden as well as being useful in winter bouquets Color consists of white, purple and rose. Height 18 inches. Pkt. $15 \mathrm{c} ; 1 / 4 \mathrm{oz} .45 \mathrm{c} ; \mathrm{oz} . \$ 1.50$.

## GYPSOPHILA

## (BABY'S BREATH)

Pretty, free flowering plants of easy culture, excelent for cutting to mix with other flowers. 1665 CARMINEA. (Annual) Deep Carmine. Pkt. 15 c; 1/ oz 45c, oz \$1.50.
1667 ELEGANS GRANDIFLORA COVENT GARDEN IMPROVED. A greatly improved annual strain, usually arge white flowers over $1 / 2$ inch across of fine substance. Plants $11 / 2$ to 2 ft . Pkt. $15 \mathrm{c} ; 1 / 4 \mathrm{oz} .45 \mathrm{c} ; \mathrm{oz} . \$ 1.50$. 1666 PANICULATA SINGLE (PERENNIAL). Plant $3^{1 / 2}$ with white single flowers $1 / 4$ in. across. Pkt. 15 c ; $1 / 4$ oz. 35 c ; oz. 95c.
1668 PANICULATA DOUBLE (PERENNIAL). Plants $3^{\prime}$ with white, double flowers $1 / 4$ in. across. Pkt. 15c; $1 / 16 \mathrm{oz} .40 \mathrm{c} ; 1 / 4 \mathrm{oz}$. $\$ 1.35 ; \mathrm{oz}$. $\$ 4.50$.


## Double Hollyhocks

## (PERENNIAL)

1681 Newport pink.
168 ? Scarlet. Bright red.
1683 Yellow.
1684 Salmon Rose.
1685 Maroon. Very dark red.
1686 White. Pure white.
1690 HOLLYHOCK. Special Mixture of Double Holly hocks.
All of Above Varieties: Pkt. 15c; 1/8 oz. 55c; $1 / 4$ oz. $\$ 1.00$; oz. $\$ 3.30$.

## ANNU AL HOLLYHOCK

1693 SINGLE MIXED. A wide range of beautiful colors with single blooms. Plant early in the spring. Grows 4 to 5 feet. Pkt. 15 c ; $1 / 4 \mathrm{oz}$. $50 \mathrm{c} ; 1 / 2 \mathrm{oz} .90 \mathrm{c} ;$ oz. $\$ 1.80$.

## 1692 Indian Spring

Indian Spring is one of the loveliest summer annuals. It blooms in less than five months. This species has a colorful display of semi-double to double fringed flowers for several weeks variations will occur from a light pink to an almost crimson rose shade. Pkt. 15c; $1 / 402.45 \mathrm{c}$; oz. $\$ 1.50$.


1681 Hollyhacks, Double Newport Pink

## HELICHRYSUM (Strawflower)

1675 MIXED. Helichrysums are an ornament to the garden when growing and are everyWhere prized for the winter decoration of tended for drying should be gathered when tended for drying should be gathered when heads downward in a cool place. Pkt. 15c; heads downward in
$1_{4} \mathrm{oz} .45 \mathrm{c} ; \mathrm{oz}, \$ 1.50$.

## KOCHIA

(Summer Cypress)
1706 CHILDSI. A remarkable annual, producing dense, rounded plants with fine green leaves and growing to a height of three feet The foliage changes to a reddish shade to ward fall. Fine for a hedge or to outline the garden. Pkt. 20c; $1 / 4 \mathrm{oz} .45 \mathrm{c} ;$ oz. $\$ 1.50$.

## LANTANA

1710 HYBRID MIXED. Very desirable for bedding and window boxes. Start the seed early in the cold frame for best results. Color include red, orange, cream, salmon, pink and gold. Dwarf Hybrid. Pkt. 15c; 1/4 oz. 70c; oz $\$ 2.25$.

## Wyatt-Quarles〔arkspur

## THE 2 FINEST STRAINS IN CULTIVATION

These magnificent strain of Larkspur bring enthusiastic expressions of warm praise from everyone. Regal Larkspur is equally as hardy as the older strains and can be sown out of doors during the fall or spring with success. Prepare beds with light application of Bone Meal.

## REGAL LARKSPUR

With its tremendously long thick spikes and Delphinium-like florets, our Regal Larkspur suits critical florist standards, yet these same features make it a superb performer in the home garden. Basal branching, tall and early.
1730 REGAL LILAC. Pure clear lilac.
1731 REGAL ROSE. Rich rose.
1732 REGAL DARK BLUE. Very deep violet blue.
1733 REGAL WHITE. Pure white.
1734 REGAL PINK. Brilliant pink on salmon.
1735 REGAL MIXED
Prices for any above: Pkt. 15c; $1 / 4 \mathrm{oz} .35 \mathrm{c}$; 1/2 oz. 60c; oz. \$1.10.

## IMPERIAL STRAIN LARKSPUR

For florist's and general use. The tall spikes of double flowers carried on stems of $4^{\prime}-5^{\prime}$ long are compactly placed on upright plants. 1714 IMPERIAL WHITE KING. Double pure snowy white.
1717 IMPERIAL CARMINE KING. Bright carmine.
1719 IMPERIAL LILAC KING. An exquisite lilac. very double.
1722 MMPERIAL BLUE SPIRE. Handsome, double deep oxford blue. An outstanding variety from a standpoint of size, color and form.
1724 MISS CALIFORNIA. Immense, very double flower of brilliant rose or salmon borne on long spikes.
1726 IMPERIALBLUE BELL. Delightful clear azure blue.
1720 GIANT IMPERIAL MIXED. Beautifully MIEADed mixture of the blended mixture of the
most handsome Larkspur most h

Prices for Imperial Larkspur, Pkt. 15 c ; $1 / 4 \mathrm{oz} .35 \mathrm{c}$; oz. 95 c .

MORNING GLORIES (Ipomeas)
Always select the driest, sandiest part of the garden and sow where the plants are to flower as the Ipomeas resent transplanting.

1807 Darling $\begin{gathered}\text { A rich } \\ \text { snowy white-red } \\ \text { throat } \\ \text { with at } \\ \text { that }\end{gathered}$ provides enough contrast to make the flowers "provides enough contrast to make the flowers Darling is a very showy sight. Pkt. 15 c ; $1 / 4 \mathrm{oz}$. 35c; oz. 95c.

1806 Scarlet O'Hara Al lang awaited the most popular red mornimp Egory. Climens in vigorously without outside help. Large deep wine-red color bloom and excellent foliage. Pkt $15 \mathrm{c} ; 1 / 4$ oz. $35 \mathrm{c} ;$ oz. $\$ 1.10$.
1809 Heavenly Blue At graeful vine quick growth producing a great number of quisitely formed deep clear blue petunia-like flowers. Ideal for covering stumps or other unsightly objects. Pkt. $15 \mathrm{c} ; 1 / 4 \mathrm{oz} .35 \mathrm{c} ;$ oz. $\$ 1.10$
1810 Mixed The flowers are quite a bit nary Morning Glories. Pkt. 15c; $1 / 4 \mathrm{l}$ oz. $35 \mathrm{c} ;$ oz $\$ 1.10$.

1799 Rose Marie $\frac{A n}{} \frac{\text { attractive double }}{\text { Morminne }}$ blooms early with deep rose flowers. Pkt. 15c


## EXTRA DW ARF DOUBLE MARIGOLDS

1755 GOLDCREST. Golden yellow flowers, crested center of quilled petals, surrounded by several guard petals, free flowering, especially suitable for bedding and borders. Pkt. 15c; $1 / 4 \mathrm{oz}$. 35 c ; oz. $\$ 1.20$.
1756 SPRY. One of the very best with extradouble flowers having a light orange center and maroon outer petals. Height 6-8 inches. Pkt. 15c $1 / 4 \mathrm{OZ} .35 \mathrm{c}$; oz. $\$ 1.20$.
1776 POT O'GOLD. A mass of $31 / 2^{\prime \prime}-4^{\prime \prime}$ intense dazzling gold flowers on dwarf compact plants, 12 to 15 inches tall and are first among large flowered Marigolds to bloom. Pkt. $15 \mathrm{c} ; 1 / 4 \mathrm{oz}$. $40 \mathrm{c} ; \mathrm{oz}$. $\$ 1.30$
1773 DOUBLE MIXED. A mixture of the finest colors in Marigolds. Height 6-8 inches. Pkt. 15c; 1/4 oz. 35c; oz. $\$ 1.20$.

## DW ARF CHRYSANTHEMUM FLOWERED MARIGOLD

Flowers $21 / 2-3$ inches in diameter complete covering the compact 8 -inch plant.
1766 CUPID LEMON. Lemon yellow.
1767 CUPID ORANGE. (Oderless.) Medium orange.
1768 CUPID MIXED.
All Cupid Marigolds: Pkt. 25c; $1 / 8$ oz. 65c; $1 / 4$ oz. \$1.15; oz. \$3.85.

Marigolds continued on page 23


1766 Marigold, Cupid Lemon

# DW ARF FRENCH DOUBLE MARIGOLD 

## AFRICAN MARIGOLD

Giant flowered types. Strong growing plants $31 / 2$ feet tall, bearing huge ruffled, tightly petaled peony-flowered blooms; the largest of any Marigold. Height 2-3 feet.
1759 ORANGE PRINCE. Enormous flowers of perfect shape; golden orange color. Pkt. 15c; 1/4 oz. 45c; oz. \$1.50.
1758 LEMON QUEEN. Clear, soft lemon yellow. Pkt. 15c; $1 / 4$ oz. 45c; oz. $\$ 1.50$
1760 AFRICAN DOUBLE MIXED. A superb mixture. Pkt. $15 \mathrm{c} ; 1 / 4$ oz. 45 c ; oz. $\$ 1.20$.

1763 Sunset Giants Mid standard giant orange, canary, lemon and primrose. Height $31 / 2$ feet. Pkt. $15 \mathrm{c} ; 1 / 4 \mathrm{oz} .40 \mathrm{c} ; \mathrm{oz} . \$ 1.40$.

1779 Crackerjack The new giant flowearly, compact early, compact, strong, double, and free flowering. The colors in this mixture cover the full Marigold range, including yellow, gold, orange and light primrose. Crackerjack is a Sunsef Giant type, with several flaws eliminated. Height $31 / 2$ feet. Pkt. $15 \mathrm{c} ; 1 / 8 \mathrm{oz}$. 35 c ; $1 / 4 \mathrm{oz} .60 \mathrm{c}$; oz. $\$ 1.95$.

## NEW MARIGOLD

1769 SPUN GOLD. (See picture on inside front cover.) Bronze Medal All American Selections Winner for 1960. It is an early dwarf Chrysanthemum flowered type averaging 12 inches tall, erect, bushy growth, with a multitude of large double fowers 3 inches across, with incurved petals, oright golden yellow in color fhe tures of this Bronze Medal Winner are extreme earliness, uniformity of height and habit and profuse blooming. Ideal for mass bedding, borders, plant flats. window boxes and pot work. Pleasing effects can be obtained when used in garden arrangements with other popular, colorful annuals such as Ageratum, Alyssum, etc. Pkt. $50 \mathrm{c} ; 1 / 16 \mathrm{oz} . \$ 1.40 ; 1 / 4 \mathrm{oz}$. $\$ 4.55$.

MISSION GIANT MARIGOLDS
Compact flowers with petals tightly incurved, $21 / 2-3$ inches or more across on plants 2-3 feet high.
1765 GLITTERS. Canary yellow. Pkt. $15 \mathrm{c} ; 1 / 4 \mathrm{oz}$. 60 c ; oz. $\$ 1.90$.
1770 GOLDSMITH. Golden orange. Pkt. $15 \mathrm{c} ; 1 / 4$ oz. 45c; oz. \$1.50.
1771 YELLOWSTONE. Clear golden yellow. Pkt. 15c; $1 / 4$ ox. 45 c ; oz. $\$ 1.50$
1789. MISSION GIANT MIXED. Pkt. $15 \mathrm{c} ; 1 / 4 \mathrm{oz}$. $15 \mathrm{c} ; \mathrm{Oz}$. $\$ 1.50$.

## MARIGOLD SIGNATA PUMILA

777 GNOME. A very delightful little Marigold orming a compact, round bush with fern-like oliage and an abundance of dainty single olden orange llowers. Height 6 inches. Pkt. $15 c$; \% oz. 50 c ; $1 / 4$ oz. 90 c ; oz. $\$ 3.00$.

## PETITE MARIGOLDS

This class of extra Dwarf French Marigold was awarded the AllAmerica Bronze Medal (except Petite Yellow, which was not included in the All-America trials, as it was not ready at much wanted need for an extra much wanted need for an extra dwarf, uniformly even, very early and extremely foriferous Marigold for borders and mass effects. Height 6 inches.
(速) 1750 Harmony
The flower is a beautiful contrasting bicolor. Guard petals are a rich, deep mahogany with (A1) 1751 Gold
(iit) 1752 Orange
1753 Yellow
1754 Mixed

flowering extra large Marigold bearing creamy yellow odorless flowers resembling carnations in form. Height $2-21 / 2$ feet. Pkt. $15 \mathrm{c} ; 1 / 4$ oz. $40 \mathrm{c} ; \mathrm{oz}$. $\$ 1.40$.

## MOONFLOWER

1797 WHITE. In good soil Moonflower vines grow to 20 feet high, bearing large heartshaped leaves and white, trumpet-shaped fragrant flowers to 6 inches across. They open in the evening and usually close before noon. Pkt. $15 \mathrm{c} ; 1 / 4 \mathrm{oz} .35 \mathrm{c}$; oz. 95 c .

## MATRICARIA (FEVERFEW)

1781 DOUBLE WHITE. Really a half-hardy perennial, they will bloom the first year from seed. They have fern-like foliage and heads of small double, button-like flowers on long stems for cutting. Pkt. $25 \mathrm{c} ; 1 / 8 \mathrm{oz}$. $\$ 1.00 ; 1 / 4 \mathrm{oz} . \$ 1.80 ;$ oz. $\$ 6.00$.
1782 GOLDEN BALL. Small, golden yellow doubled flowers. Very attractive as a border or planted in pots. Pkt. $25 \mathrm{c} ; 1 / 8 \mathrm{oz}$. $\$ 1.00 ; 1 / 4$ oz. $\$ 1.80$; oz. $\$ 6.00$.

## MYOSOTIS (FORGET-ME-NOT)

1812 ALPESTRIS BLUE. Lovely light blue flowers covering the plants completely during the spring: 12 inches tall. Does best in semi-shade. Pkt. 15c; $1 / 4$ oz. 55c; oz. $\$ 1.80$.

## NICOTIANA

(Flowering Tobacco)
Fine stately plants for background planting or for large beds. Start the seed indoors in boxes filled with fine sandy soil and barely
cover from view.
1853 SENSATION DAYLIGHT MIXTURE, Flowers remain open throughout the day even in bright sunshine. Pkt. $15 \mathrm{c} ; 1 / 8 \mathrm{oz} .35 \mathrm{c}$; $1 / 4 \mathrm{oz} .60 \mathrm{c}$.

## 1844 Nierembergia Hippomanica

 (Purple Robe) $\begin{gathered}\text { Begins flowering when } \\ \text { the plants are only two }\end{gathered}$ inches tall (about 15 weeks after seed is sown), and continues flowering until heavy frost in late fall. Cut plants back at the end of the season and new growth will begin in early spring. Pkt. $35 \mathrm{c} ; 1 / 64 \mathrm{oz} .85 \mathrm{c} ; 1 / 16 \mathrm{oz}$. $\$ 2.75$.with dark foliage. Gives splendid contrast. Pkt. 15 c ; oz. 45 c ; $1 / 4 \mathrm{~b}$. $\$ 1.20$
(A) 1821 GOLDEN GLEAM. Distinctly semiAlowers borne rich golden, wonderfully fragrant flowers borne on long stems. The plants grow about 18 inches tall and require little or no care. Pkt. 15c; oz. $45 \mathrm{r} ; 1 / 4 \mathrm{lb} . \$ 1.20$.
(AI) 1823 SCARLET GLEAM. Fiery orange scar(A) let, a color comparable to the brilliance of Scarlet Sage. The individual blooms are of an immense size, almost three inches across and 1826 SALMON GLEAM. Very large uniformly semi-double flowers of delicate golden salmon. semi-double flowers of delica
(ai) 182 ? GLEAM HYBRIDS MIXED. The Hybrids are a collection of gorgeously colored,
large, well formed flowers. Pkt. $15 \mathrm{c} ;$ oz. 45 c ; large, well
$1 / 4 \mathrm{lb}$.
$\$ 1.20$.
1820 SINGLE DWARF MIXED. An excellent strain of dwarf compact growth well suited for bedding. This well-balanced mixture will give a rich colorful display. Pkt. 15 c ; $\mathbf{o z} .45 \mathrm{c} ; 1 / 4 \mathrm{lb}$. $\$ 1.20$.
1831 DOUBLE DWARF GEM MIXTURE. An excellent color range of double sweet-scented $15 \mathrm{c} ; \mathrm{oz} .45 \mathrm{c} ; 1 / 4 \mathrm{lb}$. $\$ 1.20$.

TALL CLIMBING NASTURTIUMS 1830 SINGLE TALL MIXED. Very easy to grow and they do well under most varied conditions ef soil and climates. This mixture contains many
brilliant colors. Pkt. $15 \mathrm{c} ; \mathbf{o z} .45 \mathrm{c} ; 1 / \mathrm{lb} . \$ 1.20$.

NEMOPHILA (Baby Blue Eyes) 1843 BLUE INSIGNIS. A dwarf, graceful annual, 6 to 8 inches tall. The plants bloom during spring and summer. They bear a profusion of rrioht skv-blue flowers with a white center Pkt. 15c; 1/g oz. 55 c ; oz. 95 c .


1844 Nierembergia (Purple Robe)

(1) 188 S Petunia, Red Satin

## F1 HYBRID MULTIFLORA PETUNIA

Multifloras produce an abundance of mediumsized, plain-edged flowers and generally somewhat more colorful in mass plantings.
(1i) 1936 Glitters $\begin{gathered}\text { A.A.S. Winner. This is } \\ \text { a fine } \\ \text { development in }\end{gathered}$ Petunia crossing. Attractive bicolor red and White, everblooming type on low growing bush plarts. Pkt. $50 \mathrm{c} ; 1 / 128 \mathrm{oz}$. $\$ 4.50 ; 1 / 64 \mathrm{oz} . \$ 8.00$.
1937 Paleface A white of extremely vigplants. Pkt. 50c; 1/128 oz. $\$ 3.50 ; 1 / 64$ oz. $\$ 6.50$.
1938 Coral Satin (See picture on inside ica Bronze Medal Winner for 1961. The very compact, very dwarf plants hold their form This is truly a beautiful Petunia. Pkt. 65c; 1/128 This 1 s tr
(iil) 1888 Red Satin AA.S. Winner. The zling, intense scarlet red. and stay that way through heat and sun right to the end of the ferm ail summer and covered with 2 ball-shaped form ail summer and covered with 2 , $50 \mathrm{c} ; 1 / 128 \mathrm{oz} . \$ 4.50 ; 1 / 64 \mathrm{oz} . \$ 8.00$.
(4) 1928 Comanche A.A.s. Winner. dest red Petunia ever offered, with no fading dest red Petunia ever offered, with no fading. Briliant as an Indian sunset. The fowers are $\$ 3.50 ; 1 / 64 \mathrm{oz} . \$ 6.50$.

## F1 HYBRID GRANDIFLORA PETUNIA

Grandifloras are extra large flowered, ruffled and fringed with medium dwarf habit of growth.
1885 Scarlet Lustre Glowing and vivid waved and fringed petal edges and a bright yellow throat make this grandifora hybrid an instant favorite. Plants reach a height of only 1 foot, spreading to 2 feet across and blooming steadily over the entire area. Pkt. 75c; 1/128 oz. $\$ 12.10$.

## 1886 Blue Lustre Plants grow 1 foot tall across, with an incredible number of large waved. mid-blue fowers. pkt. 75c; 1/128 oz

 $\$ 12.10$.(1) 1887 Maytime A.A.S. Bronze Medal are large, $3^{112}$ to 4 inches, fringed, extremely ree flowering. Plants are very uniform, compact. spreading, base branching and average

St 1934 Prima Donna Large heavily pink, flowers on vigorous spreading base oz. $\$ 8$.(01) plants. Pkt. $50 \mathrm{c} ; 1 / 128 \mathrm{oz}$. \$4.50; 1/64
(4) 1933 Carnival F2 Hybrid. A fine mixture. Flowers are mostly $31 / 2$ inches or more across and 80 waved, ruffled, or fringed, with an extreme color range. Pkt. 50c; 1/64 oz. $\$ 2.75$;

## Superb Petunias

Sow the small seeds in a warm, sunny, open place outdoors, thinning to 15 inches apart, or in frames for transplanting. Scatter seeds thinly, barely cover and firm soil over them; water seedlings with a fine spray to prevent drying out. The weakest looking seedlings usually produce the finest flowers, so save the weak plants for transplanting. Seed of the hybrid, double and fringed sorts should be pressed into a shallow pot of sifted soil and covered with only a sprinkling of sand The pot should be watered from below by placing it in water. Never allow to become too dry nor too moist

## PETUNIA GRANDIFLORA SINGLE PLAIN EDGED

Many plain-edged flowers of heavy substance and velvet texture.

1909 BURGUNDY. A.A.S. Winner Free flowering 12-16 inch plants. Red with white throat. Pkt. $35 \mathrm{c} ; 1 / 128 \mathrm{oz}$. \$1.20; 1/32 oz. \$4.05

1912 SNOW STORM IMPROVED. The flowers are the purest white, with yel low shaded throat. Plants are compact growing about 12 inches tall. Pkt. 35 c $1 / 128 \mathrm{oz}$. $\$ 1.50 ; 1 / 64 \mathrm{oz}$. $\$ 2.75 ; 1 / 32 \mathrm{oz}$ $\$ 5.00$.

1921 ELK'S PRIDE. Magnificent large velvety deep purple blooms of exceptional beauty. Height 12 to 14 inches Pkt. 35c; 1/128 oz. $\$ 1.20 ; 1 / 64$ oz. $\$ 2.20$ $1 / 32$ oz. \$4.05.

## GRANDIFLORA SINGLE FRINGED

Strong, free flowering, 12-16 inch plants. Many ruffled and fringed flowers.

1913 GLAMOUR. A.A.S. Winner. Beautiful salmon rose. Huge ruffled blooms Pkt. 35c; 1/128 oz. \$1.15; 1/32 oz. \$3.85.

1914 THEODOSIA. Fringed rose pink, gold throat. Pkt. 35c; 1/128 oz. \$1.50 $1 / 32 \mathrm{oz} . \$ 5.00$.

1920 GIANT FRINGED MIXED. Large finely fringed flowers, delicately frag rant and in many attractive colors. Pkt. 25 c ; $1 / 64$ oz. $\$ 1.70 ; 1 / 32$ oz. $\$ 3.15$

## ALL DOUBLE PETUNIA

1930 D WARF DOUBLE CHOICE MIXED. This mixture has been greatly improved over previous strain. It produces a larger percentage of large flowers and the blend of color is much improved. Pkt. 65c; 1/128 oz. $\$ 7.25$; $1 / 64 \mathrm{oz}$. $\$ 13.50$; 1/32 oz. $\$ 25.50$.

## Bedding Types

## PETUNIA HYBRIDA

Strong, growing and free flowering $20^{\prime \prime}-24^{\prime \prime}$ plants bearing many medium sized plain edged single flowers.
1889 HOWARD'S STAR. Dainty rosecrimson with a five-pointed white star. Pkt. 15c; 1/32 oz. 40c; 1/16 oz 70 c ; $1 / 4 \mathrm{oz} . \$ 2.25$.

1897 WHITE KING. Pkt. 15c; 1/32 oz. $40 \mathrm{c} ; 1 / \mathrm{B}$ oz. $\$ 1.25 ; 1 / 4$ oz. $\$ 2.25$.

1898 GENERAL DODDS. A lovely variety with brilliant rich crimson flowers. Pkt. 15c; $1 / 16 \mathrm{oz} .55 \mathrm{c} ; 1 / 4 \mathrm{oz}$. $\$ 1.80$.

1901 VIOLACEA. The rich velvety purple color gives a striking effect pkt. $15 \mathrm{c} ; 1 / 32 \mathrm{oz}$. $40 \mathrm{c} ; 1 / 16 \mathrm{oz}$. 70 c ; 1/4 oz. \$2. 25 .

1902 Flaming Velvet. Velvety blood red. Pkt. 15 c ; $1 / 8 \mathrm{oz}$. $60 \mathrm{c} ; 1 / 4 \mathrm{oz}$. $\$ 1.10$.

1915 RADIANCE. Another splendid hybrida of spreading growth carrying great masses of brilliant rose blooms which are truly enchanting Pkt. 15c $1 / 32 \mathrm{oz} .45 \mathrm{c} ; 1 / 16 \mathrm{oz} .85 \mathrm{c} ; 1 / 4 \mathrm{oz} . \$ 2.70$.

1900 BEDDING MIXED. A choice as sortment of a wide and varied range of \$1.00; oz. $\$ 3.40$

## PETUNIA BALCONY

1894 BALCONY MIXED. Strong growing 18"-24" plants with spreading or trailing foliage, bearing many single plain edge flowers in mixed colors and larger than the ordinary bedding types. pkt. $15 \mathrm{c} ; 1 / 16 \mathrm{oz}$. 45 c ; $1 / 8 \mathrm{oz}$. 80 c ; $1 / 4 \mathrm{oz}$. $\$ 1.45$; oz. $\$ 4.70$.

## DW ARF PETUNIAS

Plants bear many medium sized plain edged single flowers.
1908 FIRE CHIEF. A.A.S. Winner. Dwarf, compact ree flowering 12-16 inch plants. Flowers brilliant scaret red. Pkt. 25c; $1 / 64 \mathrm{oz} .65 \mathrm{c} ; 1 / 32 \mathrm{oz} . \$ 1.20 ; 1 / 8 \mathrm{oz} . \$ 4.00$ 1922 BRIGHT EYES. The little plants grow 12 to 14 inches tall and are completely covered with soft, light $15 \mathrm{c} ; 1 / 32 \mathrm{oz} .60 \mathrm{c} ; 1 / 16 \mathrm{oz} . \$ 1.10 ; 1 / 4 \mathrm{oz}$. $\$ 3.65$.
1925 TWINKLES. Masses of brilliant rose flowers starred pure white. Plants 12-15 inches. Pkt. 15c; 1/32 oz. $50 \mathrm{c} ; 1 / 16 \mathrm{oz} .95 \mathrm{c}$; $1 / 4$ Oz. $\$ 3.20$.
1926 CELESTIAL ROSE. Compact plant with deep rose flowers. Height 12-16 inches. Pkt. 25c; 1/16 oz \$1.15; 1/4 oz. \$1.80.
1927 DWARF MIXED. Choice mixture of the popular miniature varieties. Height 12 to 16 inches. Pkt. 15 c $1 / 16 \mathrm{oz} .55 \mathrm{c} ; 1 / 4 \mathrm{oz}$. $\$ 1.80$.

## Poppies

Sow the seed where the plants are to remain, as they resent transplanting.
1964 SINGLE SHIRLEY AMERICAN LEGION. Orange scarlet. Pkt. 15c; $1 / 4$ oz. 35 c ; oz. 95 c .
1970 SINGLE SHIRLEY MIXED. Dainty flowers on slender stems, in the most delicate shades, varying in color from pure white and delicate pink to rosy carmine and deep crimson, many of them beautifully striped and edged with white. Pkt. 15c; 1/4 oz. 35c; oz. 95c
1990 DOUBLE SHIRLEY MIXED. A fine strain of Poppies. Pkt. 15 c ; $1 / 4$ oz. 35 c ; oz. 95 c .
1991 DOUBLE SWEET BRIAR. Deep rose-pink. Pkt. 15 c ; $1 / 4 \mathrm{oz}$. 35 c ; oz. $\$ 1.10$.

## PORTULACA (Sun Plant)

For brilliant coloring nothing can excel a bed of Portulaca. It delights in intense heat, and dry weather seems to have almost no effect on the plants.
2000 ALL DOUBLE MIXED. An unsurpassed mixture including a particularly wide and choice range of bril liant colors. Excellent for beds or borders exposed to the full sun. Pkt. 15 c ; $1 / 8$ oz. $65 \mathrm{c} ; 1 / 4 \mathrm{oz} . \$ 1.20 ; \mathrm{oz} . \$ 3.90$


1920 Petunia, Giant Fringed Mixed
WYATT-QUARLES SEED CO.


1875 Pansy, Swiss Giant Mixed

## Giant Pansies

Sow seeds in beds or boxes from August to November. Only slight protection is needed in the most extreme weather. When plants have 4 to 5 leaves transplant 8 inches to 1 foot apart. in highly manured bed and keep well watered. A fall sowin
1860 MAPLE LEAF GIANT MIXED. A wide range of bright colors; plants compact with large attractive foliage. Pkt. $25 \mathrm{c} ; \mathbf{1 / 1 6} \mathrm{oz}$. $\$ 1.00$; $1 / 8 \mathrm{oz}$. $\$ 1.80$; $1 / 4 \mathrm{oz}$. $\$ 3.30$; oz. $\$ 10.80$.
1869 NEW SUPER GIANT MIXED. The immense flowers of this new strain often produce flowers double the size of the ordinary varieties. Super Giant Pansies are borne in profusion on large vigorous plants supporting long strong stems. The rich coloring and great size of the flowers in addition to its prolonged blooming season will make this variety a garden favorite and a sure prize winner wherever exhibited. Pkt. 35c; $1 / 16$ oz. $\$ 1.70 ; 1 / 8 \mathrm{oz}$. $\$ 3.10 ; 1 / 4 \mathrm{oz}$. $\$ 5.60$. 1870 FANCY EXHIBITION MIXED. A blending of our own containing only the very choicest seeds secured from the leading Pansy specialists; it can be relied upon to produce flowers of immense size, very heavy texture and of the most brilliant colors. Pkt. $25 \mathrm{c} ; 1 / 16 \mathrm{oz}$. $\$ 1.05$; $1 / \mathrm{s}$ oz. $\$ 1.90 ; 1 / 4$ oz. $\$ 3.40$; oz. $\$ 11.25$.
1871 MASTERPIECE. Large prolific blooming pansy. Vivid colors. Pkt. 25c; 1/16 oz. 65c; 1/8 oz. \$1.15; 1/4 oz. \$2.45; oz. $\$ 6.75$.
1875 SWISS GIANT MIXED. This carefully blended mixture of Swiss Giant Pansies is outstanding for its wide range of rich coloring. The $1 / 16 \mathrm{oz} .75 \mathrm{c} ; 1 / \mathrm{s}$ oz. $\$ 1.35$; $1 / 4$ oz. $\$ 2.45$; oz. $\$ 8.10$.

## DRUMMONDI PHLOX

One of the very easiest of all flowers to grow and yet one of the most satisfactory. Drummondi Phlox may be sown either spring or fall and thrives in almost any soil.
1947 WHITE. Pure white. Pkt. 15c; $1 / 4$ oz. 60c; oz. $\$ 1.90$.
1949 SCARLET, with dark eye. Pkt. 15c; $1 / 4 \mathrm{oz}$. 60c; oz. $\$ 1.90$.
1951 VIOLET, with white eye. Pkt. 15c; $1 / 4 \mathrm{oz}$. 60c; 0Z. \$1.90.
1958 BRILLANT. Rose with dark eye. Pkt. 15c; 1/4 oz. 60c; OZ. $\$ 1.90$.
1960 DRUMMONDI MIXED PHLOX. A well blended mixture that will bloom continuously $15 \mathrm{c} ; 1 / 4 \mathrm{oz}$ late spring, summer and fall. Pkt $15 \mathrm{c} ; 1 / 4 \mathrm{OZ}$. 60c; OZ $\$ 1.90$
1945 GIGANTEA ART SHADES MIXED. Flowers are produced in the most delicate pastel shades rought. Pkt. 25c; 1/8 0z. 70c; $1 / 4$ oz. \$1.25; oz. \$4.20.

## NEW GIANT TETRA PHLOX <br> 1946 GLAMOUR. For description see page 1960. Pkt. $75 \mathrm{c} ; 1 / 16$ oz. $\$ 2.50$.

30X 2131, RALEIGH, N. C.
2069 MIXED. A showy, everlasting flower with fine clusters of showy blooms carried on graceful stems. Height 2 to 3 feet. Pkt. 15 c ;

SALVIA OR SCARLET SAGE
Sow seed after trees are in full leaf and the ground is warm, or may be started earlier in boxes in sunny windows, and transplanted as soon as the soll is warm.
2032 BONFIRE. Medium tall variety growing 26 inches high. Forms compact and oval shaped bushes that are literally ablaze with flowers all summer long. Pkt. $15 \mathrm{c} ; 1 / 16 \mathrm{oz}$. $40 \mathrm{c} ; 1 / 8 \mathrm{oz}, 75 \mathrm{c}$; $1 / 4 \mathrm{oz} . \$ 1.35 ; \mathrm{oz} . \$ 4.50$.
2036 SPLENDENS GRANDIFLORA. Tall bushy plants with immense scarlet flower trusses. Height $21 / 2$ feet. Pkt. $15 \mathrm{c} ; 1 / 16$ oz. 40 c ; $1 / 4$ oz. $\$ 1.35 ; 0 \mathrm{oz}$. $\$ 4.50$.
2037 BLUE BEDDER. Really a perennial, this desirable Salvia will bloom the first year from seed. Bushes grow 2 to 3 feet tall and carry long spikes of pale blue flowers, ex cellent for cutting.
oz. $\$ 1.45 ;$ oz. $\$ 5.00$.
2039 ST. JOHN'S FIRE. This new extra early everblooming variety is earliest of all. Brilliant liquid-like red coloring, compact plants and continues flowering until frost. Plants about 12 inches high. Pkt. $25 \mathrm{c} ; 1 / 16 \mathrm{oz} .85 \mathrm{c}$; $1 / 8 \mathrm{oz}$. $\$ 1.50 ; 1 / 4 \mathrm{oz}$. $\$ 2.70$; oz. $\$ 9.00$.

## SUNFLOW ERS

2110 SUN GOLD. These brilliant golden yellow flowers which measure 4 to 5 inches in diameter are a delight in a background planting in full sun where they will produce a vivid splash of color in
F298 RUSSIAN. Huge gold pads. Excellent for bird food. Pkt. 15c; $1 / 4 \mathrm{lb} .35 \mathrm{c}$.

## SCABIOSA TALL

2050 DOUBLE MIXED. Well blended. Scabiosas are easily grown in an open sunny position from seed started indoors or planted in the open ground in May. Pkt. 15c; $1 / 8 \mathrm{oz}$.

## STOCKS

2080 TEN-WEEK MIXED. Dwarf compact branching, fine for bedding. Sweet scented inches. Pkt. 15c; $1 / 8$ oz. $40 \mathrm{c} ; 1 / 4 \mathrm{oz} .70 \mathrm{c}$; oz. $\$ 2.25$.
2081 GIANT IMPERIAL. Of branching habit, the large flowers and long stems of this make it especially desirable for cutting. A splendid assortment made up from the finest colors 26 inches. Pkt. $15 \mathrm{c} ; 1 / 8 \mathrm{oz} .35 \mathrm{c}$; $1 / 4 \mathrm{oz} .60 \mathrm{c}$; ${ }^{26}$ inches. $\$ 1.95$.

## TITHONIA SPECIOSA

2144 TORCH. Brilliant Orange-Scarlet giant daisy-like blooms 3 inches across, with golden feet. Pkt. 15c; $1 / 8$ oz. $65 \mathrm{c} ; 1 / 4 \mathrm{oz}$. $\$ 1.20$.


2036 Salvia, Splendens Grandiflora

## Verbenas Multiflora

Very few plants will make such a gorgeous display during the summer months, or furnish more flowers for cutting. Start seed early in the spring, and transplant after three or four inches of growth. Good healthy plants can be produced readily from seed.
2150 FIRELIGHT. This magnificent Verbena is brighter red than any other verbena yet introduced, having no eye. Replaces Spectrum Red. Pkt. $15 \mathrm{c} ; 1 / 8 \mathrm{oz} .55 \mathrm{c} ; 1 / 4 \mathrm{oz} . \$ 1.00 ;$ oz. $\$ 3.30$.
2156 STARLIGHT. Blue with cream eye. Replaces Annapolis Blue. Pkt. 15c; $1 / 16$ oz. 35 c ; $1 / 8$ oz. $65 \mathrm{c} ; 1 / 4$ oz. $\$ 1.20 ;$ oz. $\$ 3.90$.
2157 ROSELIGHT. Rose with white eye, re placing the variety "Salmon Pink." Pkt. 15c; $1.16 \mathrm{oz} .35 \mathrm{c} ; 1 / 4$ oz. $\$ 1.20$; oz. $\$ 3.90$.
2159 SNOW WHITE. Pkt. 15c; $1 / 16 \mathrm{oz} .35 \mathrm{c} ; 1 / 4$ cz. $\$ 1.20 ;$ oz. $\$ 3.90$.
2160 MULTIFLORA MIXED. Formular Mixture Pkt. 15c; $1 / 8$ oz. 55c; 1/4 0z. $\$ 1.00$; oz. $\$ 3.30$.

## VERBENAS HYBRIDA (Gigantea)

Plants to $10^{\prime \prime}$ with florets, born in clusters about $3^{\prime \prime}$ across with individual florets ${ }^{3 / 4}$ " across We recommend Multiflora as being the better strain.
2161 BEAUTY OF OXFORD HYBRIDS. Shades of clear pink, rose pink, salmon pink to deep rose red on strong vigorous plants. Pkt. 15c; $1 / 16 \mathrm{oz} .50 \mathrm{c} ; 1 / 4 \mathrm{oz}$. $\$ 1.65$; oz. $\$ 5.40$.
2165 LAVENDER GLORY. Lovely fragrant lavender flowers of largest size. Pkt. $15 \mathrm{c} ; 1 / 16 \mathrm{oz}$. 50c; 1/4 oz. \$1.65; oz. \$5.40.

## VINCA (Periwinkle)

2170 ROSEA MIXED. All colors in mixture Pretty annuals of compact growth with glossy Pretty annuals of compact growth with glossy flowers. Ideal for edgings, borders and window boxes. They will grow under almost any soil conditions. Height 15 inches. Pkt. $15 \mathrm{c} ; 1 / 8 \mathrm{oz} .40 \mathrm{c}$; $1 / 4$ oz. $70 \mathrm{c} ; \mathrm{oz} . \$ 2.35$


2170 Vinca, Rosea Mixed


2350 Sweet Peas, Spencer Mixed

## wyatt-quarles Sweet Peas

CULTURE: One ounce will sow from 15 to 20 feet. Sow from November to March. For spring plantings we recommend the sowing of Sweet Pea seeds slightly below the ground level in a bed thoroughly pulverized 2 feet wide by 12 to 18 inches deep. Well rotted (but no other) compost or a liberal sprinkling of Bone Meal might be added when the bed is prepared and when the peas are growing slight applications of Sheep Manure at intervals should be made. Water during dry weather

## CUTHBERTSON FLORIBUNDA SWEET PEAS

A new intermediate season type, exhibit strong heat resistance. Adapted to both outdoor and greenhouse growing.
2396. DANNY. Navy blue.
2397. FRANK G. Clear lavender.

2398 JANET. Pure white.
2399 KENNETH. Crimson.
2400 LOIS. Rose pink
2401 MIXED.
Prices, any above varieties of Cuthbertson Sweet Peas; Pkt. 15c; oz. 40c; $1 / 4 \mathrm{lb}$. $\$ 1.25 ; 1 \mathrm{l} . \$ 4.40$.

## PERENNIAL SWEET PEAS

2290 MIXED. Quick growing, vigorous climbing or trailing plants with showy clusters of sweet-pea like flowers. 5 to 6 feet tall. Pkt. 20c; $1 / 4 \mathrm{oz} .75 \mathrm{c} ;$ oz. $\$ 2.10$.

## gIANT SPENCER SWEET PEAS

 2350 Superb Mixture of Spencer Sweet Peas This mixture evil diliegt abundance of every fine flowenerer of thith anh varieties. Pkt. 15 c ; oz. 40 c ; $1 / 4$ 1b. $\$ 1.10$; 1b. $\$ 4.05$
## MULTIFLORA SWEET PEAS

2430 MIXED. A true winter-flowering, or forcing type, yet vigorous enough for summer bloom. Stems are long and very stout. At least 2 more florets per stem than other types. Pkt. $25 \mathrm{c} ; 1 / 2 \mathrm{oz} .55 \mathrm{c} ; \mathrm{oz}$. $90 \mathrm{c} ; 1 / 4 \mathrm{1b} . \$ 2.40$.

2410 SWEET PEAS, LITTLE SWEETHEARTS, MIXED. "Little Sweethearts" are an entirely new class of Sweet Peas. Each plant makes a perfect mound of flowers just under 8 inches in height and width. Flowers are the large ruffled Spencer type and colors range from cream to deep crimson. "Little Sweethearts" flower early and continue in bloom for a long period. Pkt. 25c; $1 / 4$ oz. 60c; oz. $\$ 1.90$.

## Perennial Hlower Seed



1205 Bellis Monstrosa


1781 Matricaria


2130 Sweet William

## Grow Your Own Perennials From Seed

Everybody wants Perennials-and wants them in generous measure to secure the desired effects in color and charm. If you delay and finally buy plants, the cost mounts high; an attractive perennial border may require several hundred dollars worth of plants. Exactly the same results can be secured with $\$ 3.00$ or $\$ 4.00$ worth of seeds! Aside from the money saved it is very fascinating to grow your own plants from seed.
1023 ALYSSUM. Saxatile compactum. Golden yellow flowers. 9 inches. Pkt. 15 c ; $1 / 4 \mathrm{oz} .40 \mathrm{c}$; oz. $\$ 1.30$.
1078 AQULLEGIA. McKaus Giant. All American. Large hybrid. Full color range in mixture. Pkt. $25 \mathrm{c} ; 1 / 32 \mathrm{oz}$. $60 \mathrm{c} ; 1 / 16 \mathrm{oz} . \$ 1.05 ; 1 / 4 \mathrm{oz}$. $\$ 3.55$.
1085 ARABIS. Rock Cress. Pure white. 5 inches. Pkt. 15c; $1 / 8 \mathrm{oz} .40 \mathrm{c}$; $1 / 4 \mathrm{oz}$. 70c.
1088 ARMERIA LARGE FLOWERED HYBRIDS (Giant Thrift or Sea Pink) Clover-like blooms growing 6-10 inches high, borne on wiry stems above grass-like foliage. Pkt. 20c; $1 / 4$ oz. 60 c ; oz. $\$ 1.90$.
1205 BELLIS MONSTROSA IMP. Giant double mixed. Pkt. 25c; $1 / 8$ oz. 60 c ; $1 / 4$ oz. $\$ 1.10$; oz. $\$ 3.60$.
1275 CANDYTUFT. Gibraltarica. Beautiful lilac flowers. 12 inches. Pkt. $15 \mathrm{c} ; 1 / 4 \mathrm{oz}$. $50 \mathrm{c} ; \mathrm{oz} . \$ 1.70$.
1277 CANDYTUFT. Sempervirens. Pure white. 10 inches. Pkt. 25c; $1 / 8$ oz. $50 \mathrm{c} ; 1 / 4 \mathrm{oz}$. 90c; oz. $\$ 3.00$.
1290 CANTERBURY BELLS, Single mixed colors. 3 feet. Pkt. 15c; $1 / 4$ oz. 55 c ; oz. $\$ 1.80$.
1295 CANTERBURY BELLS. Cup and Saucer. Mixed colors. Pkt. 20c; 1/8 Oz. 45c; $1 / 4 \mathrm{oz}$. 85 c .
1330 CARNATION. Chaubaud's Ever-blooming Mixed. A beautiful hardy carnation. Large attractive flowers in A beautiful hardy carnation. Large attractive liow.
many shades. 3 feet. Pkt. 20c; $1 / 8 \mathrm{oz} .45 \mathrm{c} ; 1 / 4 \mathrm{oz} .85 \mathrm{c}$.
2179 CHEIRANTHUS. Allioni (Siberian Wallflower) brilliant orange $11 / 2^{\prime}$. Pkt. $15 \mathrm{c} ; 1 / 4 \mathrm{oz} .45 \mathrm{c} ; \mathrm{oz} . \$ 1.50$.
1535 DAHLIA. Unwin's Dwarf Hybrids. Choice mixture from semi-double varieties. Readily grown from seed. Start early and transplant. Height 24 inches. Pkt. 15c; $1 / 16 \mathrm{oz}$. 35 c ; $1 / 8 \mathrm{oz} .60 \mathrm{c}$.
1543 DELPHINIUM. Gold Medal Hybrids. Very choice. Pkt. 15c; $1 / 8$ oz. 45 c; $1 / 4$ oz. 85c; oz. $\$ 2.80$.
1545 DELPHINIUM. Bellamosum. $3^{\prime}-33^{\prime \prime 2}$ plants with bright dark blue forets. Pkt. 20c; $1 / 8 \mathrm{oz}$. $55 \mathrm{c} ; 1 / 4 \mathrm{oz}$. $\$ 1.00$; oz. \$3.30.
1548 DELPHINIUM. Belladona. $3^{\prime}-3 \frac{1 / 2}{\prime}$ plants with light blue florets. Pkt. $20 \mathrm{c} ; 1 / 8 \mathrm{oz} .55 \mathrm{c} ; 1 / 4 \mathrm{oz} . \$ 1.00$; oz. $\$ 3.30$. 1581 DIANTHUS. Plumarius. Double Mixed. (Double Scotch Pinks.) 12 inches. Pkt. $15 \mathrm{c} ; 1 / 8 \mathrm{oz} .60 \mathrm{c} ; 1 / 4 \mathrm{oz} . \$ 1.10$. 1590 DIGITALIS. (Foxgloves.) Mixed colors. A very fine mixture of Foxgloves containing many new varieties. 3 feet high. Pkt. $15 \mathrm{c} ; 1 / 8 \mathrm{oz}$. $35 \mathrm{c} ; 1 / 4 \mathrm{oz} .65 \mathrm{c}$.
1630 GAILIARDIA GRANDIFLORA. Reliable and hardy $2^{\prime}-3^{\prime}$ perennials with bright, 1630 GAILILARDIA GRANDIFLORA, Recolored $2 z_{2 \prime \prime \prime}^{\prime \prime}-3 / 2^{\prime \prime}$ blooms. Pkt. 15c; $1 / 4$ oz. $45 \mathrm{c} ;$ oz. $\$ 1.50$.
1666 GYPSOPHILA. Paniculata (Hardy Baby's Breath.) Single. White. 3 feet. Pkt. 15c $1 / 4$ Oz. 35 c ; oz. 95 c .

1668 GYPSOPHILA. Paniculata Double Alba. White $\mathbf{3}^{\prime}$ flowers strongly double, $1 / 4{ }^{\prime \prime}$. Pkt. 15c; 1/16 oz. $40 \mathrm{c} ; 1 / 8 \mathrm{oz}$. 75 c .
1679 HIBISCUS. Giant Flowered Finest Mixed. 4'. A perennial which in most regions will give lots of big, broad Hollyhock-like single flowers the first year. Pink, Red, and White with Crimson eye. Pkt. 15c; 1/16 oz. 40c; z.

1681 HOLLYHOCK. Newport Pink. Pkt. 15c; $1 / 8$ oz. 55c; $1 / 4 \mathrm{oz} . \$ 1.00$.
1682 HOLLYHOCK. Double Scarlet. Bright red. Pkt. 15c; $1 / 8 \mathrm{oz}$. $55 \mathrm{c} ; 1 / 4 \mathrm{oz}$. $\$ 1.00$.
1683 HOLLYHOCK. Double yellow. Pkt. 15c; $1 / 8 \mathrm{oz} .55 \mathrm{c}$; 1/4 0z. \$1.00.
1684 HOLLYHOCK. Double salmon rose. Pkt. 15c; $1 / 8 \mathrm{oz}$. 55 c ; $1 / 4 \mathrm{OZ}$. $\$ 1.00$.
1685 HOLLYHOCK. Double maroon. Very dark red. Pkt. $15 \mathrm{c} ; 1 / 8 \mathrm{oz} .55 \mathrm{c} ; 1 / 4 \mathrm{oz} . \$ 1.00$.
1686 HOLLYHOCK. Double White. Pure white. Pkt. 15c; $1 / 8 \mathrm{oz} .55 \mathrm{c} ; 1 / 4 \mathrm{OZ} . \$ 1.00$.
1690 HOLLYHOCK. Special mixture of Double Hollyhocks. Pkt. 15c; $1 / 8 \mathrm{oz}$. 55 c ; $1 / 4$ oz. $\$ 1.00$.
1749 LUPINS RUSSELL STRAIN. A beautiful blend of a wide range of colors. Pkt. 15c; $1 / 4$ oz. 40c; oz. $\$ 1.40$
1781 MATRICARIA. (Feverfew.) A perennial usually treated as an annual flower. Pure white double flower $11 / 2$ feet high. Pkt. 25c; $1 / 8 \mathrm{oz} . \$ 1.00 ; 1 / 4 \mathrm{oz} . \$ 1.80$.
1782 MATRICARIA. (Feverfew.) Golden Ball. Golden yellow flowers. Pkt. 25c; $1 / 8 \mathrm{oz} . \$ 1.00 ; 1 / 4 \mathrm{oz} . \$ 1.80$.
1961 PHLOX DECUSSATA. Giant flowered, choice mixture. 3 ft . Freeze seed before planting. Pkt. 15c; 1/8 oz.

1977 POPPY. Oriental hardy. Mixed colors. 3 ft . high. Pkt. 25c; $1 / 16$ oz. 75 c ; 1/8 oz. $\$ 1.30$.
2024 ROCK GARDEN MIXTURE. A blend of the better Rock garden varieties. Pkt. $15 \mathrm{c} ; 1 / 16 \mathrm{oz} .40 \mathrm{c} ; 1 / 4 \mathrm{oz} . \$ 1.35$; oz. \$4.50.
2065 SHASTA DAISY. $4^{\prime \prime}$ to $5^{\prime \prime}$ white flowers with yellow center, $2^{\prime}-2 \frac{1}{2}{ }^{\prime}$. Pkt. $15 \mathrm{c} ; 1 / 8 \mathrm{oz} .55 \mathrm{c} ; 1 / 2 \mathrm{oz} .90 \mathrm{c}$.
2066 SHASTA DAISY. Giant, $5^{\prime \prime}$ double white blooms. Plants 21,2, Pkt. $25 \mathrm{c} ; 1 / 16$ oz. $85 \mathrm{c} ; 1 / 4$ oz. $\$ 2.70$.
2069 STATICE. Sinuata. Mixed. $11 / 2$ feet. Pkt. 15c; $1 / 4$ oz. 45 c .
2290 SWEET PEAS. (Lathryus Latifolius.) Perennial sweet peas in mixed colors. Pkt. 20c; $1 / 4 \mathrm{oz} .75 \mathrm{c} ; \mathrm{oz} . \$ 2.10$.
2120 SWEET WLLLAM. Single mixed. All colors. $1^{1 / 2}$ teet. PKt. 15c; $1 / 4$ oz. 35 c ; oz. $\$ 1.10$.
2127 SWEET WILLIAM. Newport pink. Rose-pink. $11 / 2$ feet. Pkt. $15 \mathrm{c} ; 1 / 8 \mathrm{oz} .50 \mathrm{c} ; 1 / 4 \mathrm{oz} .90 \mathrm{c} ; \mathrm{oz} . \$ 3.00$.
2130 SWEET WILLIAM. Double mixed. Pkt. 15c; $1 / 4 \mathrm{oz}$. 40c; oz. \$1.40.
2145 TRITOMA (Red Hot Poker.) $4^{\prime}$ with giant spikes of scarlet-orange tubular florets. Pkt. 25 c ; $1 / 8 \mathrm{oz} .70 \mathrm{c} ; 1 / 4 \mathrm{oz}$. $\$ 1.25$.
2173 VIOLA ODORATA. Mixed, sweet scented Violet Violet-blue. 10 inches. Pkt. $15 \mathrm{c} ; 1 / 32 \mathrm{oz} .40 \mathrm{c} ; 1 / 4 \mathrm{oz} . \$ 2.25$. 2174 VIOLA CORNUTA. Tufted Pansy Violets. Sometimes called Johnny Jump Up. Very attractive variety, resembles the pansy. Pkt. $25 \mathrm{c} ; 1 / 16 \mathrm{oz}$. 85 c ; $1 / 8 \mathrm{oz} . \$ 1.50$.

## FERTILIZE and improve your soil for BETTER garden RESULTS

## Chlorosis Correctors

REE-GREEN A new chelating agent which relieves plants of iron chlorosis even on soils that "tie up" iron. Restores deep green color quickly -just sprinkle on soil and water in. Use 12 ozs. per 100 sq. ft. of soll surface over the entire root zone of the plants. Prices 5 . $\$ 1.98$.
paid. Not prepaid, 5 ib. bag $\$ 1.98$. REEEN SPRAY is absorbed by the REE GREEN SPRAX is absorbed directly by the leaves of many plants that either do not respond Furthermore, about one-half of the iron in this product is in chelated form which remains plant available to be absorbed by the roots after the iron reaches the soil. 12 oz, can (makes 20 gallons of spray) $\$ 2.02$, postpaid. Not prepaid, 12 OZ. can \$1.79. (IRON SULPHATE) - FOLIAGE SPRAY-1 oz. per two gallons sprayed on foliage $1 / 4 \mathrm{lb} .35 \mathrm{c}$; lb. 85c, postpaid.

## Soil Acidifying Material

ALUMINUM SULPHATE. Four to eight ozs. per square yard of soil surface. lb. $45 \mathrm{c} ; 5 \mathrm{lbs} . \$ 1.20$, postpaid. square feet. $1 \mathrm{lb} .45 \mathrm{c} ; 5 \mathrm{lbs} . \$ 1.20$, postpaid.

## TRACE ELEMENTS

FERRO FRITTED TRACE ELEMENTS contains essential trace elements which are slowly soluble and is for use as a soil mineralizer to prevent or and is for use as a soil mineralizer to prevent of copper, boron, and molybdenum. 5 lb . can $\$ 3.42$, postpaid.

## COMPOST ACTIVATORS

ADCO Converts grass clippings, weeds, into valuable compost. Prices: 5 lbs. $\$ 2.18$ : 20 into valuable compost. Prices: 5 lbs. $\$ 2.18 ; 20$ $10 \mathrm{lbs} . \$ 5.92,75 ; 150 \mathrm{lbs} . \$ 28.00$.

## POND FERTILIZER

HYDRO-PAK, a high grade nutrient designed to feed water born miscroscopic plant life These tiny plants color the water, giving it a "bloom." Start using Hydro-Pak early in the spring when the water warms up to 65 degrees $F$. Make three early spring applications a week to ten days apart to promote a bloom. After bloom is established apply whenever a bright object can be seen 16 inches under the surface. Each appleation use one bag 40 libs. per surface

## INSTANT FERTILIZERS

All water soluble. Ideal for house plants or transplanting. Directions on package HYPONEX (7-6-19). $2 / 3 \mathrm{oz}$. 18c; 2 oz . $35 \mathrm{c} ; 5 \mathrm{oz}$. 69c; 10 oz. $\$ 1.23$, postpaid.
NUTRO CRYSTALS (23-21-18). Completely water soluble, dissolves instantly. Feeds the entire plant-foliage, roots and body, 1 Ib, jar $\$ 1.65$, postpaid. Not prepaid, 1 lb. \$1.35; 25 lb . \$8.49. no sediment to clog sprayers. Feeds all plants. $2 \mathrm{oz} .30 \mathrm{c} ; 8$ oz. $90 \mathrm{c} ; \mathrm{lb} . \$ 1.50 ; 5$ lbs. $\$ 5.20 ; 25$ lbs. $\$ 23.75$, postpaid.

## ORGANIC FERTILIZERS BONE MEAL

Excellent for rose beds, flower beds, garden and field crops, and for top-dressing lawns. Because it is slow acting Bone Meal is used durPrices: 5 lbs winter months for spring feeding. prepaid. 25 ibs. $\$ 2.98 ; 100$ ibs. $\$ 7.95$. 10 .
NUTRONITE: $10 \%$ Nitrogen- 50 lbs. $\$ 3.85$, f.o.b., Raleigh.

## MANURES

Pulverized and heat-treated to kill weed and grass seeds. Ideal natural manures for trees, Shrubs, lawns and gardens. For lawns use 6 to or flower gardens use 10 to 15 lbs . to every 100 square feet.
SHEEP MANURE: 5 1b. bag 88c; 10 lb . bag $\$ 1.48$; 35 lb . bag $\$ 2.67$, postpaid. Not prepaid, 5 lb . bag $15 \mathrm{c} ; 10 \mathrm{lb}$. bag $85 \mathrm{c} ; 25 \mathrm{lb}$. bag $\$ 1.45 ; 50 \mathrm{lb}$. bag 32.45.

OAIRY ORGANIC COMPOST (Odorless): 25 lb. $32 g$ \$2.72 postpaid. Not prepaid, 25 ib . bag VENE 50 lb bag $\$ 2.60$.
JVENE-COMPRESSED MANURE STICKS—1/2 b. 55 c , postpaid.

## RELIANLE 5PECIAL

A specially prepared fertilizer for Azaleas, Camellias and all acid loving plants. Used every Where these plants are grown. Prices: 5 lbs. prepaid, $51 \mathrm{lbs} .60 \mathrm{c} ; 10 \mathrm{lbs}$. $\$ 1.05 ; 25 \mathrm{lbs}$. $\$ 1.90$; 100 lbs. $\$ 5.50$.

## RELIANCE ROSE SPECIAL

This is a complete, well-balanced plant food and, as such, will perform best when the soil is properly prepared and good cultural practices $25 \mathrm{lbs} . \$ 3.15$, postpaid. Not prepaid, 5 lbs .60 c ; 25 lbs. $\$ 3.15 ;$ postpaid. Not prepaid, 5 lb ${ }^{10}$. $\$ 1.05 ; 25$ lbs. $\$ 1.90 ; 100$ lbs. $\$ 5.50$.


NUTRO PELIETS
Pelleted for easy Prices: 25 1b. bag Prices: 25. 1b. bag 5 1b. pkg. \$1.08, postpaid. Not prepaid, paid Not prepaid
100 ib. bag $\$ 5.95 ; 50$ 100. bag $\$ 3.25 ; 25$ 1b. bag $\$ 2.15 ; 10$ 1b. pkg. $\$ 1.20$; 5 lb. pkg. 75 c

## NUTRO AZALEA-CAMELLIA PLANT FOOD

Special formula. Scientifically blended for all acid-loving plants.

## 100 lb. bag 25 lb. bag 10 lb. bag <br> 5 lb. bag

|  | Not |
| :---: | ---: |
| Postpaid | Prepaid |
| $\$ 3.70$ | $\$ 6.95$ |
| 2.00 | 1.30 |
| 1.18 | .75 |

## NUTRO ROSE FOOD

Especially prepared for proper and continuous feeding of roses.

| Postpaid | Prepaid |
| ---: | ---: |
| $\$ 3.70$ | $\$ 2.50$ |
| 2.00 | 1.30 |
| 1.18 | 75 |

25 lb. bag
$10 \mathrm{lb} . \operatorname{bag}$
$\begin{array}{rr}\$ 3.70 & \$ 2.50 \\ 2.00 & 1.30\end{array}$

## V.C

Lawn Builder with GPA ${ }^{\circledR}$

Makes everyone a lawn expert. That's because it has GPA (Graduated Plantfood Availability). This exclusive feature is actually a "built in control that releases plant food gradually over an entire season. Use everywhere-on lawns, burn 25 lb (Feeds 4000 squf) $\$ 450$ wont Raleigh.

## SWISS PREPARED SOILS \& HUMUS

Sterilized African Violet Soil. It is especially prepared for potting African Violets. 3 qt. bag 92c, postpaid. Not prepaid, 49 c .
Sterilized Potting Soil. A perfect soil for seedflats and window boxes. 3 qt. bag 92c, postpaid. Not prepaid, 49c.
Sterilized Humus. It is the life basis of plant growth as it helps to aerate the soil and holds moisture. 3 qt. bag 84 c , postpaid. Not prepaid, 49c.

Peat
Remember, your garden can be no better "NAMSCO", Danish Get moss that breaks up easily.
For new lawns 1 bale should be thoroughly pulverized and mixed in each 100 to 200 sq. ft. of lawn area. Nothing is so beneficial to establish lawns as a bale of peat mixed with 100 pounds of Sheep Manure applied to each 2,000 sq. ft. 3 or 4 times each summer. Peat should also be used liberally in gardens, flower beds and borders and as a mulch for shrubbery, because of its capacity to hold moisture.
Prices: Large Bale $19^{\prime \prime} \mathrm{x}$ $19^{\prime \prime} \mathrm{X} 36^{\prime \prime} \$ 5.50$, f.o.b., Raleigh.
Also See Organic Ferti-
 Also See Organic Ferti
lizers and Manures.

## Terra-Lite акашี vermiculite PLANT AID

HELPS FLOWERS AND PLANTS GROW BETTER . . . FASTER!
As a growth medium mixed with soil, as a mulch, for storing bulbs and root crops and especially for propagating cuttings, TerraLite is most efficient. Write for folder giving complete details. Prices: Gal. $70 \mathrm{c} ; 1 / 2 \mathrm{bu}$ 1.25 , postpaid. Not prepaid, Ga1. 45 c ; $1 / 2 \mathrm{bu}$. $89 \mathrm{c} ; 4 \mathrm{cu}$. ft. $\$ 2.49$; 6 cu . ft. bag $\$ 3.45$.
SPHAGNUM MOSS. Milled Horticultural Grade. Safest germinating and growing medium for seeds, bulbs and house plants. Highly recommended by nurserymen and other authorities. 10 oz . bag $\$ 1.20 ; 2 \mathrm{bu}$. bag \$4.85, postpaid. Not prepaid, 10 oz. bag 98 c ; 2 bu. bag $\$ 4.25$.

## SEED and FERTILIZER DISTRIBUTORS

Makes seeding, fertilizing liming lawns a pleasure gets the job done quickly and uniformly

LAWN BEAUTY Spreads all types of fertilizers, grass seeds and lime uni-
formly in adequate quantities Hande control starts anc
stops flow instantly. stops flow instantly.
Cam action agitator guaranteed to life of spreader.
Lawn Beauty $\begin{array}{lr}16^{\prime \prime} & 30 \mathrm{lbs} . \\ 18^{\prime \prime} & 50 \mathrm{lbs} . \\ 24^{\prime \prime} & 70 \mathrm{lbs} .\end{array}$

Price
$\$ 15.95$
$\begin{array}{lr}18^{\prime \prime} & 50 \text { lbs. } \\ 24^{\prime \prime} & 70 \text { lbs. } \\ 36^{\prime \prime} & 100 \text { lbs. }\end{array}$
29.95

JACKSON SPREADERS
Heavy gauge steel hopper electric welded and reinforced with curled edges. Durable finish-deluxe tu-tone baked automotive enamel. Resists rust and corrosion. Swirl type agitator. Rotates in non-corrosive nylon bearings.

| Width | Capacity | Price |
| :--- | :---: | ---: |
| 20 | 60 lbs. | S15.85 |
| 24 | 75 lbs. | 18.95 |
| 30 | 100 lbs. | 222.95 |
| 36 | 120 lbs. | $\mathbf{5 4 . 2 5}$ |

## LAWN ROLLERS

High grade steel drums with rounded edges to prevent sod cutting. Roller Bearings. Write for prices.

## Work Savers to Beautify the Home

LAWN AND GARDEN CARTS
 Eliminates lifting! Front tilts right down to the ground for easy loading and unloading.
dACKSON DeLUXE. Light, sturdy, equipped with rubber tires (illustrated). Each ........ $\$ 14.98$ No. 124 Jet-Lite Cart Wheelbarrow Tray, $10^{\prime \prime}$ rubber-tired. ball-bearing wheels................ $\$ 16.95$ No. 54 Karry Kart, Body $24^{\prime \prime}$ long, $16^{\prime \prime}$ wide, $12^{\prime \prime}$ deep. 7 " wheels with rubber tires. Ideal for all. around lawn work.......................................................... 5

## WHEELBARROWS



No. 310 S Home Garden Barrow
All new! Finished in Pink and Charcoal. All steel except $10^{\prime \prime}$ puncture-proof tires and rubber hand grips. Holds 3 cu. ft. heaped. Square nose Cr No. 119-38 Tru Blu Deluxe Grade. Ball- bearing wheel with wide puncture-proof tire. Square nose or No. 120-38 round nose........................ $\$ 17.95$

## SWAN HOSE



## Swans Improved

Triple Tube Sprinkle Soaker Water channels are larger, "hole growth" has been eliminated, and greater sprinkling and soaking ability achieved at lower water pres-
No. 20 Triple Tube 25 ft . $\qquad$ \$3.50, postpaid No. 20 Triple Tube 50 ft . $\qquad$ \$5.25. postpaid No. 140 HOSE HANGER- 100 ft . Capacitv. Hangs anywhere. Each -...........98c; Postpaid $\$ 1.28$
hose nozzles


All Fully Adjustable For standard Garden Hose Sherman No. 161 Brass $\$ 1.40^{*}$ Sherman No. 161 Brass $\$ 1.40^{*}$ Challenge No. 4622 Brass $65 \mathrm{c}^{*}$ No. 480

[^0]

## Sprinkles Rectangular Areas

Model O-18. All new oscillating sprinkler with exclusive magic control. The only sprinkler that gives you precision water setting to meet all water a portion of or a complete rectangular. Price .\$12.95*
Model O-20. Same as O-18 except 2 inches longer. Price..
*Add 35c each for postage.

## SHERMAN RAIN WAVE SPRINKLERS

Sprinkles large rectangular area with gentle rain-like spray. Saves water-gets corners without overlapping.
Model J-Aluminum Spray Tube 15 in. Sprinkles Area $40^{\prime}$ X $50^{\prime}$....................... Model M-All Aluminum 19 in . Sprinkles Area $40^{\prime} \times \mathbf{x} 0^{\prime}$
8.95* Model 2S-Aluminum Tube 21 in .

Sprinkles Area 48' x 68' ...

* Add 35c each for postage.


SQUARESPRAY. Proen's patented Squarespray spreads a soft even spray over exact squares from 2 spray over exact squares from 2 ft . up, depending on presft . X 2 ft . up, depending on pres-
sure. May be coupled in series for sure. May be coupled in series for large areas.
WATERSPIKE. 2-in-1, may be used as sprinkler or suh-surface waterer, by simple turn of valve. \$4.98.*
j055 SUBURBAN SPRINKLER-Improved impulse type Sprinkler as used on golf courses. Simply adjusted to cover any portion of, or a complete circle. Each \$9.50.*

* Add 40c postage.



## NO-SEE GRASS BARRIER

Use around flower beds, trees, shrubs to eliminate hand trimming and prevent spreading of grass beyond desired point. Made of heavily galvanized steel, guaranteed 15 years. Easy to install. Carton of 20-2-ft. lengths, with connecting clips, or 40 foot continuous coil, $\$ 4.98$. Postpaid \$5.69.


## BIRD FEEDERS



HF-57 BIRDLAND. Sleek-Modern (Size $12^{\prime \prime} \times 8^{\prime \prime} \times 9^{\prime \prime}$ ). An excellent automatic feeder that has two cake holders and capacity for 5 lbs. W-Q Wild Bird seed. Postpaid, \$5.50. Not prepaid, $\$ 4.95$.


W-2 PANTRY SHELF (16" x $\left.16^{\prime \prime}\right)$. Most popular window feeder. Is complete with screws for attaching. Postpaid, \$4.35. Not prepaid, \$3.95.

CAROLINA ADAPTED WILD BIRD FOOD. 5 lbs. $\$ 1.50$, postpaid. Write for quantity price.


BH-52 Birds Filling Station (12" $\times 10^{\prime \prime} \times 10^{\prime \prime}$ ) Postpaid $\$ 5.50$. Not prepaid $\$ 4.95$.


# SHEM POTP PRODUCTS FOR THE HOME GARDENER 

## Peat Pots

Plants started in JACK POT peat moss pots are healthier, mature faster, transplant with no shock or root damage . because pot and plants are transplanted together!

| $1-3 / 4^{\prime \prime}$ | square | 100 |
| :--- | ---: | ---: |
| $2-1 / 4^{\prime \prime}$ round | 50 | $\$ 1.98$ |
| $2-1 / 4^{\prime \prime}$ | round | 100 |
| $2-1 / 4^{\prime \prime}$ | square | 100 |
| $3^{\prime \prime}$ round | 50 | 2.29 |
| $3^{\prime \prime}$ round | 100 | 2.89 |
| $3^{\prime \prime}$ square | 100 | 3.49 |
| $4^{\prime \prime}$ standard | 100 | 4.29 |
| $4^{\prime \prime}$ azalea | 100 | 7.50 |
|  |  |  |

African Violet Planter



New, scientifically-designed TROPI-GROWER makes African Violets, other house plants grow faster, bloom more profusely. Planter's "Automatic Moisturizer" creates ideal growing conditions: constant moisture, hight humidity, abundant root aeration. Transparent plastic collar supports leaves, helps prevent stem and crown rot. Growth-promoting peat pot holds plant. Beautiful TROPI-GROWER compliments your room decor
$35 / 16^{\prime \prime}$ wide, $4^{7 / 8 \prime}$ high.... $\$ 2.98$ (without plant)

Growers, Write for bulk prices on all JACK POT products


Size 1. $13 / 4$ " $\times 13 / 4$ " $\times 2 \frac{1 / 2 " \text { " }}{}$
500 Units ( 500 Flats, 6,000 bands).................. $\$ 56.70$ Size 2. 2" $\times \mathbf{2 " ~}^{\prime \prime} \times 21 / 2$ ":
500 Units ( 500 Flats, 6,000 bands)
$\$ 59.50$
Vita-Bond 10 Only
Band size $13 / 4 \times 13 / 4{ }^{\prime \prime} \times 21 / 2$ "
Packed 2.000
$\$ 11.35 \mathrm{cs}$
Band size $2^{\prime \prime} \times 2^{\prime \prime} \times 21 / 2^{\prime \prime}-$
Packed 2,000
$\$ 11.40 \mathrm{cs}$
Band size $3^{\prime \prime} \times 3^{\prime \prime} \times 3^{\prime \prime}$ -
Packed 1,000 ...................................
Sold in Case lots only, f.o.b., Raleigh.


NODAMPOFF
Horticultural Grade SPHAGNUM MOSS for almost
$\mathbf{1 0 0 \%}$ Germination

For safe easy starting of all Fypes of seed. Particularly good 5 qt. Package for Petunias, Snapdragons and $\$ 1.15$, postpaid other slow starters
Large 2 bu. sack
above size, $\$ 4.75$
postpaid.
Complete with instructions.


## PERFECT LABELS

Permanent plastic labels easily marked. Atbels easily marked. Anconspicuous Use ordinary lead pencil. BORDER LABELS $5^{\prime \prime} \times 2^{\prime \prime} \ldots \ldots . . . . \$ 3.25$ per 25 ROCK GARDEN LABEL $4^{\prime \prime} \times 13 / 4^{\prime \prime} \ldots . . . . \$ 2.70$ per 25 SHOWGARDEN LABELS $7^{\prime \prime} \times 21 / 8^{\prime \prime} \ldots . . . \$ 3.95$ per 25 TIE-ON LABELS $31 /)^{\prime \prime} \times 3 / 4 " \ldots 5.25$ per 100 POT LABELS $4^{\prime \prime} \times 3 / 4^{\prime \prime}$ Pos.... $\$ 4.50$ per 100 Postpaid

## TREE and GARDEN LABELS

| Size | 100 | 1.000 | Size | 100 | 1.000 |
| :--- | :--- | :--- | :--- | :--- | ---: |
| 4 | in. | $\$ .80$ | $\$ 5.95$ | 8 in. | $\$ 1.45$ |
| 5 | in. | .910 .45 |  |  |  |
| 6 | in. | .95 | 6.75 | 10 | in. |

Wired $31 / 2$-inch Labels for trees, shrubs plants. Prices: $\$ 1.25$ per $100 ; \$ 9.00$ per 1,000 . plants. Prices: $\$ 1.25$ per $100 ; \$ 9.00$ per 1,000
Add 20c to order for Postage. WEATHERPROOF PENCIL, 20c postpaid.

## BO-KAY fiber glass PLANTER BOXES



Colorful Bo-kay boxes are ideal as planters or potted plant containers can't are water ight Attractive Colors can't rust. Attractive Colors - white. ert sand and gray-blue.

18 in. Any Color
\$2.55*
30 in . Any Color
3.49**

BOKAY An COD-Black iron holds 24 inch 30 inch or 36 inch box. Each $\$ 3.95$.* Add 30c each for postage.

## METAL FLOWER BOXES

No. 15-15 inches long, green
\$.98
No. 18-18 inches long, green 19* No. 24- 24 inches long, green No. 30-30 inches long, green No. $36-36$ inches long, green $1.49 *$
$1.98^{*}$ - Add 30c each for postage.


## Brookville

## Soft Touch Gloves

Soft durable, Goat skin garden and work gloves for men and ladies. Dirt proof and washable

[^1]
## GRAFTING W/AX

GRAFTING WAX. Used for grafting trees and oiher plants. Price: $1 / 2 \mathrm{lb} . \$ 1.20$, postpaid.

$\rightarrow$ Hedge Shears

Disston No. 30A-8 in. blades. No finer hedge shear on the market-even at twice the price. Hollow ground blade is self-sharpening, stays sharper longer. Light weight and perfectly balanced. Each $\$ 6.25$. Postpaid $\$ 6.60$.


No. A-1 Sunbeam Hedge Trimmer (Illustrated). 110 V . AC-DC. 10 ft . cord. Shipping wt. 7 lbs . Each $\$ 49.95$; Postpaid $\$ 50.95$.

## TREE PRUNERS

Newman No. 900 . Heavy duty tree pruner 10 ft . two sections snap-on handle, multiple pulley action. Each $\$ 21.95$; Postpaid $\$ 22.95$. Newman No. 700 . Similar to No. 900 except lighter. Each \$14.75; Postpaid \$15.75. S1-15 inch Saw attachment. Bolts on either No. 900 or 700 Pruner. Each $\$ 5.95$; Postpaid $\$ 6.2$


## PRUNING SHEARS

119 SNAP CUT 118 SNAP (illustrated)
3.25*

124 PRUNER
3.50* 125 PRUNER........................ 4.00*

Add 25c for Postage

## LOPPING SHEARS

Handle Prices* Disston No. 2-Wooden......\$3.98* Disston No. 7-24" Steel.... 8.39* Seymour Smith No. 045 ...... 3.79*

* Add 50c each for Postage.


## PRUNING SAWS

[^2]- Add 25c for Postage

AMES ROTO EDGERS


No. 30 Deluxe (Left) Edging and trimming is easy with the Deluxe Roto Edger. The exclusive adjustable shear blade raises so shear disc teeth adjustable shear blade raises so shear disc teeth not clogging on stones or debris. The Model 30 not clogging on stones or debris. The Model 30 features wide dual wheels which gives greater or earth. Price $\$ 6.95$; Postpaid $\$ 7.45$.
No. 20 Universal (Center) An all purpose tool for edging. Price $\$ 5.95$; Postpaid $\$ 6.40$.
No. 10 Standard (Right) Self sharpening, economical. Price $\$ 4.95$. Postpaid $\$ 5.40$.


AMES TAPERED NURSERY SPADES
$1287 \frac{1}{2}$ " $\times 5 \frac{1}{2} 2^{\prime \prime} \times 12 \frac{1}{2}{ }^{\prime \prime}$ blade, 13 gauge with riveted steps. Has $27^{\prime \prime}$ D-handle strengthened by $20^{\prime \prime}$ steel straps. For professional nurseryman. Each
924 Garden Spade. $73 / 4^{\prime \prime} \times 12^{\prime \prime}$ blade of high carbon steel. Northern ash handle. No steel straps but has long rivetless socket. Each \$4.75*

## AMES DRAIN SPADES

$1204^{3 / 4}{ }^{\prime \prime} \times 16^{\prime \prime}$ blade forged from high carbon steel. $27^{\prime \prime}$ handle made from selected ash with burncote finish. Each......................................-. $\mathbf{\$ 7 . 3 5}^{*}$ 814 Surburban Spade. Blade measures $51 / 4^{\prime \prime \prime}$; x 14"; turned step. Eac


203 BRONCO Superior grade long handle (49"), round pointed shovel. Blade forged from high carbon steel, measures $91 / 4{ }^{\prime \prime} \times 12^{\prime \prime}$. Handle selected ash, hardened with Burntcote finish. Each
803 A high quality shovel bearing Ames Ram Brand. Rolled shoulders strengthen top of blade and provide step. $48^{\prime \prime}$ ash handle, $8^{1 / 2}{ }^{\prime \prime} \mathrm{x}$ $111 / 2^{\prime \prime}$ blade. Each.
403 Tempered steel blade with rolled shoulders, $83 / 4$ " $\times 12$ ". Serviceable ash handle with lacquer fish. Each . 473 Special shovel. An unusually good long handled, round pointed shovel for such a low price. Each .....................................................................65*
LONG HANDLE, SQUARE POINT SHOVELS 801 Same as 803 except has square point blade
 401 Same as ${ }^{403}$ except has square point. Blade $9^{33 / 4}$ " $\times 113 / 4$ ". Each

Add 43 c postage.


## LONG HANDLE GARDEN SPADES

AFGS In light gardening jobs such as spading, elging and turning. This new Ames floral spade perisrms with ease because of its fine balance arid "light" feel. $6^{\prime \prime} \times{ }^{1 / 2}$ " blade of tempered

postage.

## AMES ATLAS POST HOLE DIGGERS

507 Blades are high carbon steel riveted to malleable iron casting, $4^{\prime}$ handles, selected ash with Burntcote finish. Each............\$5.82* Add 50c Postage.

## LAWN RAKES

A22 No rake made is superior to this Ames 22 tooth model, in ability to sweep clean and fast. $2014^{\prime \prime}$ wide. $48^{\prime \prime}$ Burntcote handle. AFBR 22 Popular fan shaped broom rake of Ames quality. Each.... $\$ 2.30$. Postpaid.... $\$ 2.60$ 022 Owl lawn rake. Unusual value. $19^{3 / 4}$ wide, 22 teeth, $48^{\prime \prime}$ handle. Each............ $\$ 1.00$ Postpaid............ $\$ 1.30$.

## TWO PRONG STEEL HOE

A2PF Ideal all purpose hoe made from one piece of high quality forged steel. Premium grade handle, Each...................................- $\$ 3.30^{*}$ R2P Similar to A2PF except lighter weight blade. Each

- Add 30c Postage


## SPEEDY CULTIVATOR

A4SC The very thing for scratching in the garden. Four tines head 5" wide. Light and easy to use. Ames quality. Each ............ $\$ 3.50$. Postpaid...-............ $\$ 3.80$.
A3SC Similar to A4SC. Three tines head 31/4" wide. Each

dIG-EZY MATTOCK HOE
ADE 3 Ames quality made for long service Blade and cutter forged from one solid piece of steel. Each....-...... $\$ 4.05$. Postpaid........... $\$ 4.40$


## FLORAL HOE

AFH5 Designed by Ames for the lady gardener. Lightweight yet sturdy. Blade 5" wide, $3_{3,4}{ }^{\prime \prime}$ deep. $4^{\prime}$ handle with polished finish. Each ..............

FLORAL RAKE
ATR8 A small lightweight rake for easy gardening. A top quality Ames tool. Eight curved teeth-width of head $8^{\prime \prime}$. Has $4^{\prime}$ white ash handle. Each ....

## DANDELION DIGGER



ALW 141/2" $\ldots$..........................79c; 94c, postpaid. ADW with 3 handle.... $\$ 1.30$. Postpaid.... $\$ 1.50$

## BULB PLANTERS

AMES BPS 41 inch over-all lightweight tubular steel with depth gauge and $71,2^{\prime \prime}$ footpiece. Easily opens $21 / 4$ diameter cylindrical, AMES BPD Hand planter with wood $\$ 3.80$. Each


Has serrated double edge blade $9 \frac{1 / 2 \prime \prime}{\prime \prime} \times 1 \frac{1}{2 \prime \prime}$ No. ASGW treated. $381 / 2^{\prime \prime}$ over-all. Light and easy to han dle. \$1.98.* *Add 35c Postage.


## AMES WEED CUTTER

ASWC-14" $\times 2^{1 / 2 \prime \prime}$ heavy duty blade travels parallel to the ground. Over-all length $38^{\prime \prime}$. Each \$2.30.*
*Add 35c Postage.

## STEEL GARDEN RAKES

A16RB AMES BOW RAKE with 16 teeth forged from the finest flexible steel. Sturdily built to withstand the severest test. Each................. \$4.10* R14RB Similar to A16RB except 14 teeth, 14"
 * Add 35c Postage.

LEVEL HEAD STEEL GARDEN RAKE R14C A fine rake for the home. 143,4 ". $5^{\prime}$ solid ash handle. Each AX 16 Extra heavy steel road rake for unusually AX16 Extra heavy steel road rake for unusually heavy work, Each...

* Add 35c Postage.



## 4 TINE SPADING FORKS

ATLDA Ames medium weight fork tempered
 AEDA English digging fork of same quality AEDA English digging fork of same quality Add 40 c Postage.


## POTATO HOOKS

A4BOL Four tine steel potato hook with 4 I ft. White ash handle. A "must" for the garden. 61/4" wide. Each................................................. $4.40^{*}$ A5BOL Same as A4BOL except has five tines,
 Ames quality Each .. $\$ 5.20^{*}$ * Add 40c Postage.

SOUTHERN MEADOW HOES
ASM7 Ames chopping hoe, $7^{\prime \prime}$ blade, best grade Each ......................................................................... $\$ 3.10$ ASM8 Same as ASM7 except has 8" blade. Each OSM8 Owl hoe, $8^{\prime \prime}$ blade. Pattern. Each...\$2.780* * Add 35c Postage.

## EARTH AUGER

## GRASSES

for Pasture and Hay

F41 Pensacola Bahia Grass A perennial, drought resistant Thizme which eventually form a dense sod. It it is not and patatabe as orchard or fescue grass, but it is readiy accepted by cattie. It grows to such sites. On better land it is naturally more productive. Furnishes earlier spring grazing than Bermuda and remains green until killing earlier spring grazing than Bermuda and remains green uncil postpaid. frost. prepaid, $10-24 \mathrm{lbs}$.@ 44c $1 \mathrm{~b} . ; 25-99 \mathrm{lbs}$. @ 42c $1 \mathrm{~b} . ; 100 \mathrm{lbs}$ or more @ 40 c 1b.
F40 Kentucky Blue Grass Crows best on sweet soil, but Sow either in the fall or spring. 10 to 15 does well on any stiff rich soil.
 10-241bs.@75c1b.;25 to 99@70c 1b.; 100 lbs. or more @ 65 c 1 b .
F66 Permanent Lowland Hay and Pasture Mixture This Nixture includes the most valuable varieties of grasses and clovers for bottom lands and on good soils produces a maximum of graziing or


F44 Kentucky 31 Fescue-Certified $A$ tall or piant Feswide variety of soils and uses. Like most long livee graases, growth
 Seed in a prearaed, firm seed bed fall or earry spring 15 to to 20 los. per acre alone,
 a zic ib.
F53 Kentucky 31 Fescue Quaity comparable to Certified


F57. Dallas Grass (Imported) $\begin{aligned} & \text { It stands close eraing re- } \\ & \text { markably } \\ & \text { well } \\ & \text { and } \\ & \text { and }\end{aligned}$ early spring until killing frost. Sow February toal April. Pant and grows

 more @ 65 c ib.
F43 Italian Rye Grass $\begin{aligned} & 30 \text { to } 50 \text { Ibs. per acre for pasture } \\ & \text { Our seeds } \\ & \text { are thr } \\ & \text { tho roughy recleaned }\end{aligned}$
 $10-24 \mathrm{lbs}$. © 22 c Ib., postpaid. Write for quantity prices.
F65 Permanent Upland Hay and Pasture Mixture A mixture of thoroughly cleaned grasses and clovers of adapted varieties carefully selected and mixed to produce an abundance of rich nutritive grazing or hay. 30 lbs. per acre, spring or fall. Prices: $1 \mathrm{~b} .85 \mathrm{c} ; 2-9 \mathrm{lbs}$. grazing or hay. 30 lbs. per acre, spring or fall. Prices: 1b. 85c; 2-9 lbs.
$@$ 66e lb.; 10-24 lbs. @ 53c lb., postpaid. Not prepaid, 10-24 lbs. @ @6c 1b.; 25-99 lbs. @ 41c lb.; 100 lbs. or more @ 36c lb.
F52 Red Top or Herd's Grass For hay, pasture and launs.


F46 Potomac Orchard Grass in inew orrenard grass that Potomac will produce considerably more forage under the same growing conditions and more resistant to diseases than common orchard grass. Prices: 1b. $\$ 1.00 ; 2-9$ 1bs. @ $81 \mathrm{c} 1 \mathrm{lb} .410-24$ 1bs. @ $68 \mathrm{c} 1 \mathrm{~b} ., \mathrm{postpaid}$. Not prepaid, 10-24 lbs.@ 61c 1b.; 25-49 lbs.@ 06 c 1 b . 50 lbs. or more 0544 ct.
F47 Orchard Grass (Onion Free) One of our most pro- ductive grasses tor the Middle South for hay and pasture. Succeeding well in in almost aill fertie soils it does best on loamy and moderately stitif uplands. Starts growth very eary in the spring and continues well into the winter. It



F42 Perennial Rye Grass $\begin{gathered}\text { It produces an abundance of fo- } \\ \text { liage } \\ \text { the } \\ \text { that } \\ \text { remains } \\ \text { bri ight and } \\ \text { and }\end{gathered}$ green throughout the season. will bear frequent and close croppind exzeept in warm weather. Prices: : bb. 65 sc ; $2-9$ libs. @ 45 c lb; $10-24$ libs. @ 32 clin , postpaid. write for quantity prices.
F51 Corpet Grass Grows on poor sand, soils, if moisture




F48 Bermuda Grass Makes a vigorous and persistent growth tands heat without injury. Sow 10 to 20 part of the South; lasts for years; October until June. Seed will not germinate when ground is cold, and under favorable conditions, takes 30 to 40 days to germinate. Prices: 1 b . \$1.15; 2-9 1bs.@ 99c lb.; 10-24 1bs.@86c 1b., postpaid. Not prepaid,

F37 Bermuda (Hulled) This is the same Arizona grown Ber:he tough hull has been removed and $1 / 3$ less seeds are needed. Hulled 3ermuda under favorable conditions during the late spring or summer will germinate in 8 to 10 days, and should be sown only during this



30X 2131, RALEIGH, N. C.

## Wyatt-Quarles Quality <br> CLOVER and GRASS

 SEEDS

## ALFALFAS <br> Write for free bulletin on Alfalfa culture

F95 Alfalfa Atlantic ${ }^{\mathrm{N} . \mathrm{Ne}^{\text {fifth }} \text { Experiment Station reports up to }}$ than with other adapted strains. fifth more prowing good praction with Atlantices we offer premium quality seeds of the highest purity. Write for prices.
F97 Alfalfa Oklahoma We handle only premium quality
 Prices: lb. $85 \mathrm{c} ; 2-9$ lbs. @ 65c lb.; 10-24 lbs. @ 52c 1b., postpaid. Not
prepaid, $10-59 \mathrm{lbs.45c} 1 \mathrm{lb} . ; 60 \mathrm{lbs}$. or more @ 40 c lb.

## CLOVERS

F89 Ladino, Blue Tag Certified A perennial clover of pastures, especially on moist, fertile land. Recovers rapidly from grazing or clipping and is leafy and succulent. Its growing season is as long as that of any other legume. Like all clovers, Ladino succeeds best on well limed and fertilized land. Sow 5 to 6 pounds per acre alone or 1 to 3
 ( 95 c lb.
F87 Sweet Clover Adapted to most soilss; is used for pasture
 late the soil for alfalfa. Sow 15 pounds per acre July to October or February, March. Prices: 1b. 70c; 2-9 1bs, 49c lb.; 10-24 lbs. @ 36c lb.,
postpaid. Not prepaid, $10-59$ 1bs, @ 29 c ib.; 60 ibs.or more @ 26c lb.
F80 White Dutch Clover Because of its spreading habit and Dutch is invaluable for lawn and pasture use Sow 6 to 8 pounds per Dutch is invaluable for lawn and pasture use. Sow 6 to 8 pounds per acre alone or 2 to 3 pounds with other clovers or grasses. Prices: 1 b .
$\$ 1.55 ; 2-9 \mathrm{lbs} . \$ 1.35 \mathrm{lb} ; 10-24 \mathrm{lbs}$. $@ \$ 1.22$, postpaid. Not prepaid, $10-59$ ibs.@ $\$ 1.15 \mathrm{lb} . ; 60 \mathrm{lbs}$ or more @ $\$ 1.10 \mathrm{lb}$.

F82 Red Clover Well adapted to our Piedmont soils. Sow early fertilizer as for other spring or fall 20 pounds per acre. Lime and ibs.@ @4c 1b., postpaid. Not prepaid, 10-59 lbs.@ 47 c 1 lb ; 60 lbs . or more@ 42c lb.
F81 Red Clover, Kenland (Certified) High yielding dounose resistant Red Clover adapted to the Southeastern Clover belt nose resistant Red Clover adapted to the Southeastern Clover belt.
Culture same as for other clovers. Prices: $1 \mathrm{~b} .90 \mathrm{c}, 2-9 \mathrm{lbs}$. 09 c 1b.; $10-24$ lbs. @ $56 \mathrm{c} 1 \mathrm{lb} .$, postpaid. Not prepaid, 10-59 lbs.@ 49 c 1 lb .; 60 c 1bs. or more@44c Ib.

## LESPEDEZAS

F95 Sericea Lespedeza (Perennial) Scarifed and recleaned soils without fertilizer or lime. Produces an abundance of hay if cut when tender. Prices: 1b. 65c; 2-9 1bs.@ $45 \mathrm{c} 1 \mathrm{~b} .910-241 \mathrm{lbs}$ @ 32c 1b., postpaid. Not prepaid, 10-24 lbs.@ 25c 1b.; 25-99 1bs.@22c 1b.; 100 lbs.or more@20c1b.
F94 Rowan Lespedeza A high yielding variety of Korean and two common forms of rootknot nematode. In $N$. $C$, its superior yielding ability has been particularly striking on nematode infested soils, where in trials, it has doubled the yield of Korean. It is adapted throughout the Korean belt and matures about the same time as Korean. Write for prices.

F93 Kobe Lespedeza A variety particularly adapted to lowlands acre. Responds to liming and fertiliging. Write for prices.
F92 Korean Lespedeza Does best in heavy soils. Korean is harvest in time for planting small grain. Sow 30 pounds of seed per acre February to April. Write for prices.

## ADAPTED FIELD CORNS

## Southern-bred Hybrids for the South

In the selection of a corn to plant, adaptation is of first importance, We offer and recommend only hybrids and varieties adapted to local conditions that produce maximum yields and protection against insects and adverse weather conditions
Coker 911 (White) Excellent root and stalk strength, quality, for this fine hybrid a place at the ary thats the better corns for the Southeast. Prices: 7 Ibs. (1/ pk.) $\$ 2.60 ; 14$ lbs. (pk.). $\$ 4.60$, postpaid. Not prepaid, 7 los. $\$ 2.00$; 14 ibs. $\$ 3.65$; 56 lbs. (bu.) $\$ 12.25$.
Coker 811 (White) Outstanding, weevil resistance, stalk and most widely planted hybrid for the Sontheast. Especially well adapied
 postpaid. Not prepaid, 7 lbs. $\$ 2.00 ; 14$ lbs. $\$ 3.65$; 56 lbs. (but.) $\$ 12.25$.
Coker 616 (White) A two eared hybrid with dented grains covers the ear. Plants are medium short with sturdy stalks; ears are placed medium low on the stalk and turn down at maturity. Adapted placed medurm 1ow on the staks and turn down at maturity Adapted 14 lbs. (p.s.) ${ }^{44.60,}$ postpaid. Not prepaid, 7 lis. $\$ 2.00 ; 14$ lbs. $\$ 3.65$; 56 lbs. (buu) $\$ 12.25$.
Coker 67 (Yellow) A A two eared yellow hybrid of excellent yields of top quality, hard grain, medium sized plants with ears of medium low placement and long shank provide extra protection from weather and easy mechanical harvesting. Prices: 7 lbs. ( $1 / 2$ pk.) $\$ 2.60$; 14 lbs. (pk.) $\$ 4.60$, postpaid. Not prepaid, 7 Ibs. $\$ 2.00$; 14 lbs. $\$ 3.65 ; 56$ lbs. (bu.) \$12.25.
Coker 71 (Yellow) A two eared hybrid with dimple dented covers the ear. Plants are medium in height with sturdy stalks; ears are placed medium low on the stalk and turn down at maturity, thereby preventing damage from weather. Adapted to coastal plain, Prices: 71. ibs.

Coker 15 (Yellow) An early hybrid, developed especially for Piains where corn must be picked before the hurricnene season. It does have enough weevil resistance to make good cribbing corn where weevil damage is severs. Has relatively low, well covered ears on long, strong shanks. Prices: 7 1bs. (1/2 pk.) $\$ 2.60$; 14 libs. (pk.) $\$ 4.60$, postpaid. Not prepaid, 7 lbs. $\$ 2.00$; 14 lbs. $\$ 3.65$; 56 lls. (bu.) $\$ 12.25$.

## SIMAZINE 80W

A recommended pre-emergent herbicide that has produced very effective weed control in corn research and trial plots in North Carolina for the past four years when used at the rates of $21 / 2$ to 4 lbs. per acre. For more information see Simazine 80 W page 36 or write for literature. Price: 5 lb . bag $\$ 17.90$, postpaid; not pre-
paid 5 lb . bag $\$ 17.50 ; 50 \mathrm{lb}$. drum $\$ 159.50$.

Dixie 82 (Yellow) One of the best yellow hybrids, some variayield. Adapted in Piedmont and Coastal Plain. prices: 7 libs. ( $1 / 2, \mathrm{pk}$ )


Dixie 288 (Yellow) $\begin{aligned} & \text { One of the better full season yellow hy- } \\ & \text { brids for the Coastal Plain Good stalk }\end{aligned}$ strength and shuck protection. Prices: 7 lhs. (1/2 pk.) \$2.30; 14 lbs. (pk.) 54.05, postpaid. Not prepaid, 7 lbs. $\$ 1.70$; 14 libs. $\$ 3.10$; 56 libs. (bu.) $\$ 10.25$. NC 27 (Yellow) A widely adapted and planted hybrid of good
 14 lbs. $\$ 3.10$; 56 lbs. (bu.) $\$ 10.25$.
NC 270 (Yellow) New full season hybrid. It is similar to Dixie placement. It averages fewer ears per piant than Dixie 82 but the ears are larger. Grain is uniform yellow and of good quality. It is resistant
 \$1.75; 14 llbs. $\$ 3.25$; 56 Ibs. (bu.) $\$ 11.50$.

## OPEN POLLINATED-YELLOW VARIETIES

F23 Latham's Yellow Cross A high yielding good quality, corn for the Coastal Plain. Prices lb. 60c; 2 lbs. $85 \mathrm{c} ; 5$ lbs. $\$ 1.50 ; 14$ lbs. (pk.) $\$ 2.90$, postpaid. Not prepaid, 14 lbs. $\$ 1.95 ; 56$ lbs. (bu.) $\$ 6.50$.

## OPEN POLLINATED-WHITE VARIETIES

F15 Latham's Double (N. C. Certified Originators
Stock) A dependable and high yielding variety for Eastern North dry. Weevil resistant. Prices: $1 \mathrm{~b} .60 \mathrm{c} ; 2 \mathrm{lbs} .85 \mathrm{c} ; 5 \mathrm{lbs} . \$ 1.50 ; 14 \mathrm{lbs}$. (pk.) $\$ 2.90$, postpaid. Not prepaid, $14 \mathrm{lbs} . \$ 1.95 ; 56 \mathrm{lbs}$. (bu.) $\$ 6.50$.
F6 Hickory King $\begin{gathered}\text { The grain is so wide and deep and the ob so } \\ \text { smal that often a single grain will over the }\end{gathered}$



## COTTON

Coker 100A Cokers latest strain of cotton seed. Adapted throughhigh gin turn out and top southeast. It has excellent disease resistance, Breeder Stock, machine delinted. Price: 100 ib. bag $\$ 14.00$, F.o.b., Raleigh. Pedigreed Registered Breeder Stock, acid delinted. Price: 50 lb. bag $\$ 11.25$, F.o.b., Raleigh. Certified (First generation) machine delinted. Write for prices. Certified (First generation) acid delinted. Write for prices. Certified (Second generation) machine delinted. Write for prices. Certified (Second generation) acid delinted. Write for prices.

## CROTALARIA

F304 Giant Striata The highest yielding Crotalaria adapted tonnage of green manure on the poorest dry or wet land. Only 10 to 15 pounds of seed are required per acre and may be sown in small grains at the time soda is applied if seeding is followed with harrow or weeder. Very deep rooting. Sow February to July. Prices: 1b. $55 \mathrm{c} ; \mathrm{z}$ to 9 lbs. @
 lb.; 25 to 99 lbs .@ 17 c lb.; 100 lbs or more @ 15 c lb.

## SOYBEANS

F 150 Yelnando A high yielding, yellow late bean developed cially to plant after small grain for bean production or to plant early for grain. Write for prices.
F147 Hill A high yielding, widely adapted, early maturing it is bean that is resistant to lodging and shattering of pods. It is resistant to all major diseases of soybean foliage and to phytophthora rot, a fungus that attacks the roots and stem, Hill is also resistant to purple seed stain and has shown evidence of resistance to the root-knot nematode. In field trials at 30 different locations, it averaged nearly 35 bushels per acre. Hill matures 21 to 28 days earlier than Lee and foliage. It has white flowers and produces smaller seeds than Lee. Write for prices.
F148 Hood Adapted to North Carolina, Virginia and Kentucky slightly higher see It possesses a growth type similar to Ogden, but has is resistant to the soybean diseases bacterial pustule, wildfire, frogeye and target spot. In areas of best adaptation plants average 30 to 36 inches tall with stems of moderate size and heavy foliage. The flowers are purple. Write for prices.
F145 Lee (Certified) Especially adapted to the eastern twothirds of North Carolina and a large area of the southeast and mid-south. Lee is resistant to several major diseases and has shown little shattering 8 to 10 weeks after maturity. Oil content averaged 21.5. Yields averaged 29.3 bushels per acre in over 90 tests in 12 southeastern states. Plants average 30 to 36 inches high, have moderate sized stems, heavy foliage, and purple flowers. Write for prices.
F144 Jackson (Certified) Adapted in the Coastal Plain Southeast, Jackson is expected to lower soybean production costs other desirable characteristics. Plants average 39.6 inches high. Write for prices.

## COWPEAS

F113 Mixed Cowpeas Good quality Cowpeas are quite scarce over most of the producing areas. Write for prices.

## VELVET BEANS

F211 Early Running Speckled An extra early Velvet Bean throughout the South and extremely popurar that is largely planted growing and earliest maturing of the Velvet Beans. Plant April to July. Prices: $1 \mathrm{~b} .50 \mathrm{c} ; \mathrm{F}^{2-9} \mathrm{lbs}$. @ 45 c lb ., postpaid. Not prepaid, 15 lbs . (pk.) $\$ 3.60$; 60 lbs. (bu.) $\$ 12.00$.


# SORGHUMS - MILLET - RAPE - PEANUTS - OATS 

## For Grain and Foliage-Write for Free Cultural Bulletins On Any Crop.

F75 Sweet Sudan A broad leaved, disease resistant Sudan similar to Tift but much all three Sudans are planted, cattle keep the Sweet Sudan grazed to the ground and graze the others only when there is none of the Sweet Sudan to graze. An outstanding summer temporary gratill more @ 12c 1 b .

## SORGHUMS

F198 Syrup Cane especeant forlection. Tall heavy stalks of a good uniform type, producing good quality Syrup. Prices: 1b. lb., postpaid. Not prepaid, 10 to 24 lbs. @ 28 c 24 c 1 lb .

## COMBINE MILO FOR GRAIN

 F296 Martin's Milo (Certified)This is the most satisfactory variety for all round Combine purposes in N. C. A superior plant for growing with peas for hay because of its low brings a higher price. Dry grain is ready in 110 to 120 days. Ready to cut for hay in 60 days. Plant 10 lbs. per acre in rows; broadcast 25 lbs. with peas or 50 lbs. alone. Prices: $1 \mathrm{~b} .55 \mathrm{c} ; 2$ to paid. Not prepaid, 10 to 24 lbs . @ 15c 1b.; 25 to 99 lbs @ $12 \mathrm{c} 1 \mathrm{lb} . ; 100 \mathrm{lbs}$. or more @ 9 c lb. F297 Texas 620 (Certified) A medium maturing hybrid with excellent as Martin. Dry headed and of uniform combine height. It produces excellent yield increases wherever Martin is adapted. Because of its larger heads and slightly taller height more lodging may occur. Therefore should be harvested promptly when mature. Price: lb. 60c; 2 to 9 lbs. @ 40c 1b.; 10 to 24 lbs. @ 27 c 1 b ., postpaid. Not prepaid, 10 to 24 lbs . @ 20 c 1b.;
25 to 99 lbs. @ $17 \mathrm{c} 1 \mathrm{~b} . ; 100 \mathrm{lbs}$. or more @ 15 to 1b. 99 Amak R-10 A hybrid developed F295 Amak R-10 $\begin{gathered}\text { A hybrid developed } \\ \text { especially for dry- }\end{gathered}$ land farming. It has Martin parentage; features reddish-brown seeds. In plantings throughout various areas, it has averaged more than 800 pounds per acre greater yields than the 45 other most commonly planted hybrids and open pollinated sorghums. It blooms in about 56 days, matures grain earlier, dries faster and is dwarfer than most hybrids derived from kafir sterile lines.@ 33c 1b., postpaid. Not prepaid, 10 to 24 lbs. @ 26c 1b.; 25 to 99 lbs @ 23c 1b.; 100 lbs.

## FORAGE CROPS

F194 Sorghum, Sart $\begin{gathered}\text { An exeelent va- } \\ \text { riety for for south- }\end{gathered}$ ern and southeastern areas. Forage compares favorably with corn. Stalks are very sweet and juicy. Excellent standing ability. Days to bloom 80. Days to mature 125-135. Height 6-10 feet. Prices: 1h. 60c; 2 to 9 1bs. @ 43 c 1 lb ; 10 to 24 lbs.@30c lb., postpaid. Not prepaid, 10 to 24 lbs. @ 23c 1b.; 25 to 99 lbs.@ 20c 1b.; 100 lbs. or more
F197 Sorghum, Hegari $\begin{gathered}\text { Recognized as } \\ \text { the most valu- }\end{gathered}$ able and widely adapted member of the sorghum ts high sugar content which value because of oalatable to livestock, its broad leaves and its oalatable to livestock, its broad leaves and its age. A thickly seeded pasture will make good


F197 Sorghum Hegari
grazing and also makes good hay . Hegari is a good substitute crop for corn. It out-yields corn on light soils and can be planted much 10 to 24 lbs. @ 21c 1 lb, postpaid. ${ }^{\text {later }}$ Not prepaid, 10 to 24 Ibs . @ 23 c 1 c .
F187 Millet, Starr Pearl (Certified) A new improved variety of cattaillonger, leafier and shorter than common millets. Appears to be the best of all summer lets. Appears to be the best of an summer cattle, and hogs on the lighter soils of the Coastal Plains. Plant before June 10th if possible, 5 to 6 lbs. per acre in 19 to 20 in.
rows. Prices: $1 \mathrm{lb} .65 \mathrm{c} ; 2$ to 9 lbs. 45 c 1b.; 10 to 24 lbs.@ 32 c 1 b ., postpaid. Not prepaid, 10 to 24 lbs.@ 25 c 1 lb. ; 25 to 99 lbs .@ 20 c lb.; 100 lbs. or more @ 18 c 1b.
F184 Millet, Gahi-I, Pearl (Certi-
fied) A recently, rele esed hybrid pearl Georgia. It is leafier, later maturing and more vigorous and productive than common pearl millet. Also recovers faster after grazing than common pearl millet. In tests to date in North Carolina, under grazing, it has been more productive than either Starr or common pearl millet. Starr millet, however, is more leafy than Gahi and is easier to manage under grazing. Hence, both Gahi and Starr are considered excellent varieties for North Carolina. Prices: lb. 70c; 2 to 9 lbs @ $49 \mathrm{c} 1 \mathrm{~b} . ; 10$ to 24
lbs . 36 c 1 b, postpaid. Not prepaid, 10 to lbs. @ 36c lb., postpaid. Not prepaid, 10 to 100 lbs. or more@ 22c 1b.
F185 Millet, German (Certified) Genuine old-Astahioned German or Goiden Millet. Seed 50 los. to the acre, from the middle of April until the end of July. It's a quick crop, maturing in six to eight weeks. in the head prices: 1 b . 60 c , $10-24$ lbs. 25 c lb. postpaid. Not prepaid, 10-24 lbs 18c; 1b : $25-99$ lbs $15 \mathrm{c} 1 \mathrm{lb} \cdot 100 \mathrm{lbs}$ l0-24 1bs. $18 \mathrm{c} ; 1 \mathrm{lb}$; $25-99 \mathrm{lbs} .15 \mathrm{c} 1 \mathrm{lb}$.; 100 lbs.
or more 12 c 1 b .
F186 Millet, Pearl or Cattail Grows 8 to 10 feet high, but cutting can
commence when it has attained the height of 3 to 4 feet. When it will stool out enormously and make rapid growth; can be cut in this way three to four times during the season. It does well even on poor land, and surprisingly well in dry seasons. Plant April to August, 6 to 8 lbs . to the acre in rows 3 feet apart. Prices: 1b. 60 c ; 2 to 9 1 bs . @ 38 c 1 b .; 10 to 24 lbs.@25c 1b., postpaid. Not prepaid 10 to $241 b \mathrm{lb}$ @ $18 \mathrm{c} 1 \mathrm{lb} . ; 25$ to 99 lbs . @ 16 c 1 b .; 100 lbs . or more @14c lb.

## BROOM CORN

## F294 Broom Corn $\begin{gathered}\text { Evergreen } \\ \text { type Prant }\end{gathered}$

 In 3 3nt-foot rows, thinning out to stand 8 to 6 lbs , er 6 lbs. per acre. Prices: 1 b .85 c ; 2 to 9 lbs.$65 \mathrm{c} ; 10$ lbs. or more @ 52 c 1 b. postpaid.

## F299 BUCKWHEAT

The earliest, most prolific and largest grained of all buckwheats, and makes fine flour. @ 22c 1b., postpaid. Not prepaid, 10 to 24 lbs. @ $15 \mathrm{c} ; 25$ to 99 lbs .@ 12c; 100 lbs . or more @ $101 / 4 \mathrm{c}$ lb.

## PEANUTS

F221 Valencia $\begin{gathered}\text { Adapted to a variety } \\ \text { of soils and makes few }\end{gathered}$ pops." Straight smooth pods contains 3 to 4 large kernels of finest quality. An early bunch variety, Prices: $1 \mathrm{~b} .75 \mathrm{c} ; 2$ to 9 lbs. @ 53 c 1 b : 10 to 24 lbs. @ $40 \mathrm{c} 1 \mathrm{~b} .$, postpaid. Not prepaid 10 to 24 lbs.@33c 1b.; 25 to
lb.; 100 lbs.or more @ 28 c lb.
F226 NC-2 This is one of the new IJ. C. Experiment Station. The superior vigor and uniformity of $\mathrm{NC}-2$ resulting in higher yields and a greater percentage of extra large kernels of higher market value make it a more profitable variety. NC-2 is a semi-bunch variety with large leaves, heavy stems; highly resistant to Southern Stem rot. Prices: 1b. 85 c ; 2 to 9 lbs.@ 63 c 1 b .; 10 to 24 lbs.@ 55 c lb, postpaid. Write for quantity prices.


F287 Rape, Dwarf Essex

## F287 Rape, Dwarf Essex A suceulent

 tious quick pasture crop for stock and poultry Ready in 6 to 8 weeks. After cutting or grazing, "greens." Can be continues to grow. Makes acceptable table greens. Can be planted in drills, using 4 pounds of seed to the acre, or broadcast, 8 pounds. Should be sown at intervals from prepaid, 10 to 24 lbs.@ 27 c lb., postpaid. Not


## F298 Russian Sunflower Sunfowe

 to poultry makes a real egg-producer, seeds fed rich in oil and protein they make an ideal food during the moulting season. Prices: FOR SEEDS: 1b. $75 \mathrm{c} ; 2$ to 9 lbs @ 55c lb.; 10 to 24 lbs @ $\mathrm{m}^{2} \mathrm{c}$ 1b., postpaid. Not prepaid, 10 to 24 lbs @ 35 c lb.; 25 to 99 lbs .@ $33 \mathrm{c} 1 \mathrm{lb} . ; 100 \mathrm{lbs}$. or more @ FOR FEEDING: $1 \mathrm{~b} .60 \mathrm{c} ; \underset{\mathrm{c}}{2}$ to 9 lbs. @ 47 c lb.;10 to 24 Ibs. @ 34 c lb., postpaid. Not prepaid, 10 to 24 lbs. @ 34c lb., postpaid. Not prepaid, 10 to 24 lbs.@27c lb.; 25 to 99 lbs .@ 24c lb.;

## Write for Field Crop Varieties not listed, information and prices.

## OATS

F172 Coker Moregrain $\underset{\text { riety }}{\text { new that }}$ has consistently out produced standard varieties including the widely grown Arlington and Victorgrain 48-93. Resists the following diseases: 2 of mosaic and yellow leaf Adapted to the soil born Mosaic and yellow leaf. Adapted to the upper provide a lot a crop of grain of grazing and still make a good certified $\$ 1.75$ per bushel. Prices fo.b., Raleigh.
Fl7l Victorgrain 48-93 Victorerrain was developed from a cross of Fulgrain and Victoria by coker. it is is aweek earrier grains. The Diants are at tew in inhes shorter than Arlington with strong, stiff straw. It is resistant to crown rust and smut. Prices: Certified $\$ 2.05$ per bushel. Uncertified $\$ 1.75$ per bushel. Prices ro.b., Raleigh.



## HORMODIN POWDER

Cuttings treated with Hormodin Powder root quicker, establish themselves more readily, and have more growing roots per cutting. Can also be used for seed treatment
Supplied in three strengths, paralleling the range of hormones in nature
Directions and complete plant name-list in each package

Hormodin Powder No. 1
The general purpose powder desisned for the home genarenerer or conmercial lorist.



Hormodin Powder No. 2
For propagating many woody and semi-woods trpes of planis.
${ }^{13}{ }^{13} 10$ or tin tin tor 25,000 cuttings)
$\$ 1.25$ postpaid

## Hormodin Powder No. 3

For propagating the more difficult-to-root varieties.

${ }^{81.65}$ postpaid

## Combination Package

A convenient combination package is available containing a supply of the three Hormodin Powders, adequate for

## ROOTONE

ROOTONE, the plant hormone powder, for faster rooting of cuttings. Simply dip the cutting into the powder and plant as usual. Also dust seeds with this powder. Use one ounce to each bushel of seed. $1 / 4$ ounce packet 35 c ; 2 ounce jar $\$ 1.30$; i pound can $\$ 5.27$, postpaid.

## ROOTONE NO. 10

Reg U. S. Pat. Office
An extra strength hormone powder for treating woody cuttings only. 2 ounce jar $\$ 2.30 ; \mathbf{l b}$. can \$12.25, postpaid.

## 

 TRANSPLANTONE, the hormone-vitamin powder for starting plants outright. Use a level teaspoon of TRANSPLANTONE to each ten gallons of starting water when setting out plants Produces earlier maturity, larger crops on tomato, tobacco and sweet potato plants. $1 / 2$ounce packet $35 \mathrm{c} ; 3$ ounce can $\$ 1.35 ; 1$ pound ounce packet $35 c ; 3$
can $\$ 4.2 \%$, postpaid.

## FRG8TONE

FRUITONE, the hormone spray for stopping premature drop of fruit, flowers and leaves. When sprayed on flowers of tomatoes or bean it produces better set and larger crop. Pre vents premature drcp of apples and pears Makes hollies and other Christmas greens hold their leaves longer. 2/5 oz. 35c; 2 ounces $\$ 1.35$ 12 ounce can $\$ 5.23$, postpaid.

## Buossom.set

No-seed Blossom set increases early set of tomatoes and tends to reduce seeds. Also effective for beans. cucumbers, berries and other crops. 4 oz bottle (makes 1 to 2 gallons spray) $95 \mathrm{c}, 12 \mathrm{oz}$. bomb. $\$ 2.00$, postpaid. Not prepaid, 4 oz. bottle $75 \mathrm{c}: 12 \mathrm{oz}$. bomb $\$ 1.79$.

## Insecticides and Fungicides

## FERMATE

FERMATE at the rate of 2 lbs . per 100 gallons sprayed at 3 to 4-day intervals is the accepted way to control tobacco blue mold in most areas. Also controls many forms of scab, controls many forms of and anthracnose. rust, rot and anthracnose. Prices berore disease occurs Prices: $1 / 2$ lb. can $\$ 1.33 ; 3$ lb. paid, $1 / 2$ lb. $\$ 1.10 ; 3$ 1bs. $\$ 1.77$.

## FERMATE DUST

Full $15 \%$ strength. Ready to use. Prices: 25 lb. bag $\$ 2.95$ not prepaid.

## FLORAL DUST

Du Pont FLORAL DUST-newly developed to control both insects and plant diseases.
Prices: 8 oz. Squeeze Duster $\$ 1.40$ 1 lb . $\$ 1.65 ; 3 \mathrm{lbs} . \$ 3.30$, postpaid.

## DU PONT MARLATE 50

For long lasting control of many insects where safety is imsafe. Suitable to spray or dust Extensively used for residual control of flies on dairy ani mals. 8 oz. can $\$ 1.50 ; 4 \mathrm{lb}$. bag $\$ 4.06$, postpaid. Not prepaid, 8 oz . can $\$ 1.25 ; 4 \mathrm{lb}$. bag $\$ 3.62$.

## MANZATE

Controls early and late blights, gray leaf spot, septoria leaf spot and anthacnose on tomatoes, also diseases on potatoes, celery, onions and other crops. 6 oz . $\$ 1.65$; 3 lbs. $\$ 4.85$, postpaid.

## DU PONT ROSE DUST Insecticide and Fungicide

One complete formula-all that is needed to grow beautiful roses. Contains Methoxychlor Lindane, Fermate, Sulphur and a Miticide. Eliminates guess work. For easy, full season use. Controls practically all rose pests, and is easy on buds and foliage. Use as a spray or dust. Prices: one 1b. $\$ 1.95$; three lbs. $\$ 4.10$, postpaid. Not prepaid, one lb . $\$ 1.69$; three lbs. $\$ 3.75$.

## DU PONT

## SPREADER STICKER

A combined spreading and sticking agent for use with fungicides, insecticides and weed killing sprays for uniform and thorough coverage and retarding weathering. Dilute $\$ 12.00$, postpaid. Not prepaid, $1 \mathrm{oz} .59 \mathrm{c} ;$ pt. \$1.80, gal. \$11.20.

## FRUIT TREE SPRAY

Effective against many insects and diseases attacking apples, peaches, cherries, pears, strawberries, etc. Contains Du Pont's Methoxychlor, Fermate and Sulphur. A wettable powder and Sulphur. A wettable dust or spray. 1 lb. to 13 gallons of water. 1 1b. $\$ 1.55$; 3 lbs. \$3.35, postpaid. Not prepaid, 1b. $\$ 1.25 ; 3$ 1bs. $\$ 2.95$.


## DU PONT TOMATO DUST

 Especially for control of Early, Late and Septoria (Leaf spot) Blights; and Flea tato Beetles, Fall Army tato Beetles, Fall ArmyWorm, Tomato Fruit Worm and T omato Hornworm. and Tom a to Hornworm. a spray. Use 12 level teaspoonfuls with one


## DU PONT TERSAN OM

## Golf and Lawn Turf Spray

Tersan OM Thiram - Organic Mercury Turf Fungicide when used in conjunction with good turf management will usually prevent large brown patch, dollar spot, copper spot and certain other diseases on golf greens, grass tennis courts, ounces to 1,000 square feet, making regular spray applications of "Tersan OM" at intervals of 7 to 10 days, beginning before the earliest probable appearance of the diseases and continuing through the season or until all danger of infection has passed. When such a preventive schedule is not followed, the tuxf should be inspected each morning, and at the first appearance of disease, apply Tersan OM at the rate of 5 ounces to 1,000 sq. ft. at 7 to 10 days intervals. Prices: 3 1b. can $\$ 8.60$, postpaid. Not prepaid, 3 lb . can $\$ 8.25$.

## DU PONT TERSAN 75

A turf fungicide similar to Tersan OM. Tersan OM can be applied either as a spray or mixed with compost. Whereas Tersan 75 is recommended to be used as a spray. Rate per $1,000 \mathrm{sq}$ ft . and timing of application same as Tersan OM. Prices: 8 oz. $\$ 2.20 ; 3$ lbs. $\$ 5.85$, postpaid. Not prepaid, 8 oz. $\$ 1.95 ; 3$ lbs. $\$ 5.50$.

## BLACK-LEAF-40

(NICOTINE SULPHATE.) New activated formu-


## BORDEAUX MIXTURE

Controls many plant diseases better than the new fungicide. Lb. $\$ 1.20 ; 4$ lbs. $\$ 2.35$, postpaid.

## CHLORDANE

$72 \%$ CHLORDANE concentrate. Used for termites. Mix 1 qt. $72 \%$ Chlordane concentrate with 16 gals. water. Pour 1 gal. of this solution in 6 feet of trench beside wall. 1 qt. bottle $\$ 4.00$; gal. jug $\$ 12.37$, postpaid. Not prepaid qt. \$3.50; gal. \$11.70.

See Ortho-Klor Chlordane on page 35

## CRO-TOX

Protects seed corn from crows, blackbirds, squirrels, woodchucks, moles, wire-worms and grubworms, saving from loss of seed and replanting. Does not injure the seed corn nor clog the planter. Smail can (bushel size) 95c; large can (2 bushel size) $\$ 1.55$, postpaid. Not prepaid, 1 bu. size 75 c ; 2 bu. size $\$ 1.25$.

## d-CON RAT AND MOUSE BAIT

d-CON Ready Mix, used as directed, rids farms, homes, shops, stores, factories of rats foreveryet is safe to use around spice: 1 b .95 ; 5 1b. $\$ 6.38$, household pets. Price: 1 lb . $\$ 1.95 ;$ jostpaid. Not prepaid, $\$ 1.69 ; 5$ 1b. $\$ 5.95$.

## d-CON CONCENTRATE

Mix the contents of an 8 oz . box with $5 \frac{1 / 2}{}$ pounds (makes 6 pounds of bait) of ground corn, oats, etc. Controls rats and mice as well as Ready Mixed. Price: 8 oz . box $\$ 3.18$ postpaid. Not prepaid, $\$ 2.98$.

## DDT

10\% DDT DUST. Properly screened and blended DDT Dust of $10 \%$ strength, ready to use. Prices. 4 lb. bag $\$ 1.00$, postpaid. Not prepaid, 4 lb . bag $65 \mathrm{c} ; 50 \mathrm{lb}$. bag $\$ 6.25$.
$\mathbf{5 \%}$ DDT DUST. Ready to use. Our dusts are prepared over the finest equipment. There are no better dusts available at any price. Prices: 5 lb. bag $\$ 1.05$, postpaid
bag $65 \mathrm{c} ; 50$. $5 \mathrm{bag} \$ 5.20$.
$50 \%$ DDT. 50\% Wettable DDT powder ready to be mixed with water for spray of any desired strength. Prices: 1b. can $\$ 1.40 ; 41 \mathrm{lb}$ bag $\$ 2.25$. postpaid. Not prepaid, 1b. $\$ 1.19 ; 4 \mathrm{lb}$. bag $\$ 1.85$

## FUMIGANT, SOIL

FUMI-SOIL CAPSULES. Effective control for nematodes, wireworms, ants, grubs, garden cen tipedes, sow bugs. Also moles, landcrabs. Twenty four capsules will rid 30 ft . of row crops or 8 hills or 24 shrubs or an area 4 ft . $x 9 \mathrm{ft}$. of the wors underground pests. Prices: 24 capsules $\$ 1.55$ 100 capsules $\$ 4.15 ; 200$ capsules $\$ 7.25$, postpaid.

ORTHO MAKES

ORTHO APPLICATORS

## ORTHO SPRAY-ETTE "2." Handy

 two-gallon capacity. Sprays indeficider breaks spray material into diny droplets. No pumping, no mixing! Operates on water pres-sure from your garden hose. Price: sure from your garden hose. Price:
Sprayers and Bottles $\$ 3.80$, postSprayers and Bottles $\$ 3.80$, post-
paid. Extra bottles, 60 c , postpaid.


BUG-GETA PELLETS. Compressed MetaldehydeArsenical bait to kill Slugs, Snails, and Cutworms. and sprinkle with water. Pound of pellets baits about 1,200 square feet. Price: $1{ }^{1} 1 \mathrm{~b} .8 \mathrm{84c} ; 21 / 21 \mathrm{lb}$.

## DUST-WETTABLE POWDERS

ORTHO ROSE AND GARDEN FUNGICLDE. Contains $75 \%$ Phaltan a new wettable fungicide for the control of Black Spot and mildew on roses. Excellent for control of leaf spot with most commonly used insecticides particularly Isotox Garden Spray. Combination provides complete plant protection of most provides complete plant protection of most canister $\$ 2.18$; 11 oz. box $\$ 3.64$, postpaid. Not prepaid, 6 oz. $\$ 1.98 ; 11$ oz. $\$ 3.39$.

ORTHOCIDE GARDEN FUNGI| CIDE. | $50 \%$ |
| :--- | :--- |
| BLACK | SPOT, POptan. Controls | BLACK SPOT, POWDERY MIL-

DEW, ROT and DAMP-OFF on bulbs and seed cuttings: BROWN bulbs and seed cuttings; BROWN lawns. $1 / 2$ lo. makes up to 25 galoz. canister $\$ 1.60$; ib. canister $\$ 2.46 ; 2$ lb. canister $\$ 3.60$, postpaid.


DANE, Kills ANTS, LAWN MOTHS, CUTWORMS, SOW BUGS, JAPALong residual action. Prices: 1-1b. canister


ORTHO ROSE DUST, Contains Phallan, Lindane, DDT and Sulphur. The Rose and Flower garden dust or wettable powder for the control of most insects and plant diseases.
Prices: 8 oz duster $\$ 1.40 ; 10$ oz. squeeze duster $\$ 1.70 ;$ ib. refills
$\$ 1.70 ; 4$ lbs. refills $\$ 4.20$, postpaid.

ORTHO LIQUID ROSE FOOD. A complete rose food containing nitrogen, phosphorus makes 60 gallons of fertilizer which feeds makes 60 galgons of rertinzer which foliage and roots makes feeding as easy as watering. Helps provide bigger, better and more fragrant blooms. Prices: pint 98c; quart $\$ 1.69$, postpaid.

## SPRAYS, INSECTICIDES and FUNGICIDES

ISOTOX GARDEN SPRAY. Kills Aphids, Red Spider, Thrips. Japanese Beetles, Lacebugs, Lawn Moth, Armyworms, Mole Crickets, White Grubs, Chinch Bugs, Cutworms, Earwigs, Ants, Flies, Wireworms and many other pests. Use on Flowers, Shrubs, Fruit Trees and certain Vegetables. Kills three ways-contact, stomPrices: 4 oz bottle $\$ 129$; 8 oz . bottle $\$ 20$.


[^3]ORTHO-KLOR 44\% Chlordane Spray. Cortrols Ants, Lawn Moths, Cutworms, Sowbugs, Chinch Bugs, Thrips, Brachyrbhinus (Strawberry Root) Weevil, Japanese Beetle Grubs, and many other garden pests. Has long residual killing power. Prices: $40 z$. bottle $90 c ; 8 \mathrm{oz}$. bottle $\$ 1.40$; pint
bottle $\$ 2.25 ;$ quart bottle $\$ 3.30$, postpaid. ORTHORIX SPRAY (Liquid Lime Sulphur). ORTHORIX SPRAY (Liquid Lime Sulphur), A year-round spray containing $26 \%$ CALCIUM of many SUMMER plant disease problems, and certain DORMANT diseases. Prices: pint bottles, $\$ 1.45$, postpaid.

VOLCK ISOTOX SPRAY. A petroleum oil base formulation containing Lindane and DDT. High wetting and spreading qualities. A special type garden plants prices: ornamental garden plants. Prices: 40 oz . bottle \$1.45; quart bottle \$2.35; gal. jug $\$ 5.40$, postpaid.


VOLCK OIL SPRAY, A highly refined insecticide spray for use against Mealybugs, Scale insects, Red Spiders, and White Flies on plants. This fine product also acts as an excellent leaf polish. Prices: 4 oz bottle 50 c ; pint bot
quart bottle $\$ 1.80$; gal, $\$ 3.65$, postpaid.


VOLCK OIL SPRAY PASTE paste emulsion for control of ERS, MITES MEALYBUGS and WHITE FLY larvae on many plants, shrubs and trees. Acts as carrier. Prices: pint can $\$ 1.05$; quart can $\$ 1.80$; gal. can $\$ 3.65$, postpaid.
ORTHO BORER SPRAY. Contains $20 \%$ Lindane. Controls many Borers such as Pine Bark Beetles, Flat Headed Borers, Peach Tree Borers, Wood Boring Beetles and many other Borers. Price: 8 oz. $\$ 2.19$; pint bottle $\$ 3.25$, postpaid. Not pre-
paid, 8 oz. $\$ 1.79$; pint $\$ 2.98$. paid, 8 oz. $\$ 1.79$; pint $\$ 2.98$.

ORTHO DIELDRIN SPRAY. Contains powerful Dieldrin in handy liquid spray concentrate form. Use to control Ants, Japanese Beetles, Grass hoppers, Lawn Moths, Chinch Bugs, Armyworms, Sowbugs, Thrips, EarWigs and many other insect pests. $\$ 2.45$; quart bottle $\$ 4.10$, postpaid.


ORTH O MALATHION 50
SPRAY. For use on ever-
greens, roses, ornamentals. shrubs, trees, etc. Controls Red Spider, Aphids, Mealy-
bugs, Scale, Flies, plus cerbugs, Scale, Flies, plus cer-
tain other pests. Contains $50 \%$ Malathion. Prices: 4 oz . bottle $\$ 1.30 ; 8$ oz. bottle $\$ 2.10$ pint bottle $\$ 3.15$; quart bottle pint bottle $\$ 3.15$
$\$ 4.85$, postpaid.

SCRAM DOG REPELLENT BOMB. Push Button repelling of dogs. For protection of trees, shrubs, flowers, garbage cans and other areas where the dogs are in the habit of returning. Price: 12 oz . $\$ 1.70$, postpaid.

## HOUSEHOLD SPECIALITIES

ORTHO ANT POWDER. Contains Dieldrin and Chlordane, and is especially formulated for use in the control of Ants, Silverfish, Roaches and certain other pests. Price $41 / 2 \mathrm{oz} .65 \mathrm{c}$, postpaid. ORTHO FLY SPRAY for household and dairy use. Kills flies, ants, gnats, fleas, mosquitoes, roaches, and clothes moths. Prices: 16 oz .85 c ; 32 oz . $\$ 1.35$; gal. $\$ 3.05$, postpaid. ORTHO ANT AND ROACH BOMB. Kills insects on contact and leaves a residual deposit. Kills ants, roaches, scorpions, black widow and other spiders, carpet beetles, silverfish, crickets, flies, mosquitoes, gnats, water bugs and wasps. Use on baseboard, wals, cabinets, aice: 11 oz . $\$ 1.20$, postpaid.

ISOTOX TRANSPLANTER SOLUTION. Used to control WIREWORMS. CABBAGE MAGGOTS and other soil insects at transplanting time. Saves expensive replanting. Protects young plant roots. Prices: pint botyoung plant roots. Prices: pint bot $\$ 12.45$, postpaid.


An asphalt base tree paint of excellent quality. Applies readily at all temperatures. Ideal for use on fruit trees, roses, and shade trees. $1 / 2$ pt.
$85 \mathrm{c} ;$ pt. $\$ 1.20 ;$ qt. $\$ 1.95 ;$ gal. $\$ 4.10$, postpaid. Not prepaid, $1 / 2$ pt. 60 c ; pt. $90 \mathrm{c} ;$ qt. $\$ 1.60$; gal. $\$ 3.50$.

## TRI-OGEN

bined with an insecticide.
Tri-ogen also stimulates plant growth, resulting in fine foliage and luxuriant blooms.
E. Size Kit (makes 8 qts.) Prepaid
A. Small Kit (makes 16 qts.)
post-
$\$ 2.27$
$\begin{array}{lll}\text { B. Medium Kit (makes } 64 \text { qts.) } & \ldots . . . . . . . & 6.50 \\ \mathbf{7 . 0 0}\end{array}$

## WOOD PRESERVERS TIMBERTOX 10

(40\% Pentachlorophenol)
Mix 1 part Timbertox 10 with 10 parts kerosene or light fuel oil or equivalent petroleum diluent to make Ready-To-Use preservative conwood $5 \%$ by weight of pentachontrol, write for full information. 1 gal. $\$ 5.55$, postpaid. Not prepaid, gal. $\$ 4.75$; 5 gals. $\$ 22.00 ; 55$ gals. $\$ 198.00$.

## TIMBERTOX RTU

(5\% Pentachlorophenol)
This is a $5 \%$ concentration ready to use for all wocd preservative jobs such as fence posts, bridges and lumber for buildings including resican be glued. glazed or painted 72 hours after application. Also recommended for termite control. 1 gal. can $\$ 3.40$, postpaid. Not prepaid,
gal. can $\$ 2.60$
BOX 2131, RALEIGH, N. C.

## WEED KILLERS - SEED DISINFECTANTS

## DU PONT LAWN WEED KILLER

Low concentrate formula of 2, 4-D prepared especially for use on lawns. Controls dandelions and most other broad leaved weeds common in जrass lawns. Cover susceptible ornamentals, etc., these plants. Prices: 8 oz. can $\$ 1.50$; qt. can i i . 60 . pastpaid. Not prepaid. $\$ 3.25$ oz. can $\$ 1.25$; 1 qt. can $\$ 3.25$

## ACP POISON IVY AND POISON OAK KILLER

Contains our latest herbicide discovery, Amizol (Amino Triazol), a patented material. The best chemical available for killing poison ivy and poison oak. Highly selective. Does not sterilize the soil. Non-corrosive. Prices: 8 oz. $\$ 1.50 ; 24$ oz. $\$ 3.65, \mathrm{pos}$
24 oz.
$\$ 3.35$.

## WEEDONE CRAB GRASS AND CHICKWEED KILLER

A really superior product for the control of crab grass and chickweed. Contains potassium cyanate and MCP. This combination increases its effectiveness as a crab grass and chickweed killer and also kills such lawn weeds as dandelion, plantain, buttercup, heal all, purslane, veronica, pennywort and wild carrots without killing the grass or clover. Price: $61 / 2 \mathrm{oz}$. $\$ 1.45$, postpaid. Not prepaid, $61 / 2$ oz. $\$ 1.25$.

## WEEDAR 64 WEED KILLER

Amine salt formulation. Contains 4 pounds acid equivalent per gallon. A water soluble formulation for treating small annual weeds that are actively growing. Easier on crops than ester for mulation. Will not in jure adjoining crops except in case of drift Recommended for preemergence spraying Will not clog nozzles. Prices: 1 gal. can $\$ 4.42$ postpaid. Not prepaid,



## WEEDONE 638 WEED KILLER

An emulsifiable acid formulation of 2,4-D made exclusively by Amchem Products for killing deep-rooted hard-to-kill perennial weeds. Specially recommended for treating large acreages Which are only sparsely infested with Bind Weed, Leaty Spurge or Canada Thistle. It does not give which can injure nearby susceptible weed control and side dressing corn. weed control and side dressing corn.
$\$ 8.61$, postpaid. Not prepaid, 1 gal.
drum $\$ 38.80 ; 30$ gal. drum $\$ 288.30$.

SIMAZINE 80W
A recommended pre-emergent herbicide that has produced very effective weed control in
 and trial plots in North Carolina for the past four years. It produces no volatile fumes and is not active when applied only to the leaves of plants. It is applied on a weed-free soil surface and kills plant seedlings a few days after germination. Experiments indicate where Slimazine was apof $21 / 2$ to 4 lbs. per weed control for several months. Literature free on request. Prices: 5 lb . bag $\$ 18.05$, postpaid. Not prepaid, 5 lb . bag $\$ 17.50 ; 50 \mathrm{lb}$. drum $\$ 159.50$

## WEEDAZOL (Amino Trizole) WEED KILLER

A selective weed killer which is effective on deep-rooted, hard-to-kill annual and perennial weeds plus certain grasses. Weeds which have resisted other herbicides can now be killed with this chemical. Use at the rate of 8 pounds per acre on Canada Thistle, Quack Grass, Russian Knapweed, Bermuda Grass and 8 to 16 pounds per acre to conGrol Nut Grass. Prices: lb. can $\$ 4.00 ; 4$ lb. can trol Nut Grass. Prices: 1 lb . can $\$ 4.00 ; 41 \mathrm{q}$. can
$\$ 12.40$, postpaid. Not prepaid, 1 lb . can $\$ 3.75$; 4 lb. can $\$ 12.00$.

## SODIUM TCA WEED KILLER

TCA will control many annual and perennial noxious grasses: Johnson, Bermuda, Quack Crab and others. For control of Bermuda and Quack grass, use 50 to 100 lbs. per acre and for Johnson grass, use 75 to 150 lbs. of TCA per acre. Complete directions will be sent on request. Prices: 11/2 lb. can $\$ 2.75$; $11 / 2 \mathrm{lb}$. can $\$ 2.50 ; 10 \mathrm{lb}$. drum $\$ 5.25 ; 50 \mathrm{lb}$. drum $\$ 22.25$.

## ATLACIDE WEED KILLER

Atlacide is specifically intended for controlling all types of weed and grasses. Manu factured in powder form, it is readily soluble in water for spraying or can be effectively used for dry application. Controls Bermuda Grass, Nut Grass, Johnson Grass and other grasses and weeds. Treated soil should not be disturbed until the following spring. Complete directions will be sent on request. Prices: 100 lb . drum $\$ 18.50$, not prepaid.

## AMMATE WEED KILLER

Ammate offers an effective weapon to help combat the losses caused by certain weeds and woody plant growth. Poison ivy, poison oak and poison sumac are particularly dan gerous to many individuals. Ammate will generally eliminate such plants. Ammate is not considered poisonous and may be used safely on weed-infested areas with out danger to livestock and humans. Ammate usually exerts only temporary soil sterlizing effects, varying with the soil. Treated areas may often be used for growing crops during the same season. Prices:' 2 lb . bag $\$ 1.70 ; 6 \mathrm{lbs}$. $\$ 3.97$, postpaid. Not prepaid, 2 lbs. $\$ 1.35 ; 6$ lbs. $\$ 3.50$.

## AMMATE X

Higher strength than Ammate. Kills more kinds of brush, safely, at lower long-term cost. Prices: 40 lb . drum $\$ 14.60 ; 60 \mathrm{lb}$. drum $\$ 19.20$, not prepaid.

## NEW DU PONT DYBAR

Dybar is a pelleted product for dry application to the ground. Can be applied by ground equipment, airplane or by hand. Use Dybar any time of the year, but for best results apply in late Winter or early Spring. It is non-corrosive, non-flammable, non-volatile Dybar is economical! For just a few dollars Der acre, it will kill undesirable brush which wer acre, it will kill undesirable brush which cover. Prices: 10 lb . drum $\$ 16.63$ postpaid. Not prepaid, 10 lbs . $\$ 16.00 ; 50 \mathrm{lb}$. bag $\$ 70.00$.

## Seed Disinfectants

## ARASAN SF-M

A new dustless and odorless seed disinfectant. This is good news to commercial seed treaters and farmers. Arasan SF-M will not dust off. The farmers will not be troubled with dust when planting seed. Arasan SF-M seed disinfectant offers control of more different dis eases on more crops than any eases on more crops than any $\$ 40.00$. 100 lb drum 155.00 pail
 prepaid.

## ARASAN 75

Seed disinfectant and protectant for the treat ment of: Corn, Sorghums, Soybeans, Sweet Potato Sprouts, Vegetable Seed, Peanuts, Grasses Legumes, Rice, Sugar Beets and Gladiolus Bulbs Arasan 75 destroys many surface seed-borne or goil-borne organisms responsible against certain Improves stand and frequently for seed decay Peas, Beans (Lima) and Peanuts 2 ases yield. 100 lbs. of seed. Prices: 1 oz. 65 c ; 8 ounces to postpaid. Not prepaid, 25 lb . drum $\$ 40.30 ; 100$ postpaid. Not pr

## ARASAN 42-S

This Thiram Seed Disinfectant and Protectant is a liquid organic fungicide recommended for the treatment of field and sweet corn, sorghum, millet, soybeans, rice, grasses, legumes, acid-delinted cotton, gladiolus bulbs and vegetable seed. Arasan $42-S$ will usually increase stands and yields by reducing losses from seed decay, damping off and seedling blights caused by many seedborn and soil-born organisms. Also a repellent against rodents, rabbits, deer and birds. Prices:
1 gal. $\$ 10.80$, postpaid. Not prepaid, 1 gal. $\$ 10.20$; 1
5
gal.
gal.
drum
$\$ 48.75$.


CERESAN M
Replaces "New Improved
A dry, practically odorless, seed A dry, practically odorless, seed
disinfectant for wheat, oats, rye disinfectant for wheat, oats, rye barley, cotton, peas, and sorborne diseases by both contact borne diseases by both contact and vapor. 14 oz . can treats 28 ${ }_{3}$ bu. of seed grain. 14 oz. $\$ 1.65$ paid, 14 oz. $\$ 1.40 ; 3$ lbs. $\$ 4.50 ;$ 40 Ib. drum $\$ 46.00$; 100 lb . drum \$108.75.

## CERESAN 200 LIQUID

Made especially for slurry operators who prefer a concentrated liquid disinfectant. "Ceresan" 200 is an ethyl mercury treatment, the most efficient type of mercury known. Controls stinking smut of wheat and diseases of wheat, oats, barley, rye flax and cotton. Prices: 5 gal. drum $\$ 99.75 ; 30$ gal. drum $\$ 585.00$; 55 gal. drum $\$ 1,055.00$, not prepaid.

## CERESAN 100 LIQUID

For use in mist-type or slurry treaters. For outstanding control of seed diseases, before and after planting-on cottonseed as well as seed of wheat, oats, barley, rye and flax. Ceresan 100 is used undiluted in mist-type equipment or mixes readily with water for slurry treaters. Prices: 1 gal. $\$ 13.38$, postpaid. Not prepaid, 1 gai. $\$ 12.6 .00$.

## SEMESAN BEL



Tests in fifteen states have proved that most potato growers can usually expect better returns from seed potatoes if they treat them with "Semesan Bel." Costs only about 21 cents an acre - generally reduces seed-piece decay, seed-borne scab and Rhizoctonia. No messy soaking-just dip, drain, dry, and plant. 1 lb . treats 60 Prices: $3 \mathrm{oz}, \$ 1.55 ; 1 \mathrm{lb}, \$ 3.60 ; 4$ Ib. $\$ 12.60$, postpaid. Not prepaid, 3 oz. $\$ 1.45 ; 1 \mathrm{~b} . \$ 3.35 ; 4$ lbs. $\$ 12.20$.

FARM EQUIPMENT


NO. 27 CLIPPER CLEANER AND TREATER The Clipper " 27 " is a big capacity grain and bean seed cleaner. Capacity varying with crop, condition and cleaning problems is up to 50 bushels of grain per hour. The machines we offer are equipped with roll feed hopper and brushes under both upper and lower screens to keep them clean during cperation. Six screens are included with each new machine and additional screens are available from a selection of more than 200 sizes. Accurate air control, easy brush adjustment, 2-way bagging auger elevator and other Clipper refinements give you cleaning accuracy found only in a Clipper cleaner.
Prices: No. 27 Clipper Cleaner com-
plete with roll feed hopper and $\$ 767.88$ Screens for No. 27 Clipper Cleaner $\$ 13.09$ each.
$1 \mathrm{~h} . \mathrm{p}$. single phase, enclosed motor, rails and drives for No. 27 .
No. 9 Slurry Treater attachment (for No. 27 cleaner) with two-way bagging elevator .................................-\$136.84

## CLIPPER SEED CLEANERS

No. M2B-Complete with vertical air blast three-speed fan, labor saving two-way (auger or conveyor) elevator. 30 bushels per hour capacity. Sold complete with 8 inter-changeable screens and $1 / 2$ H.P. electric motor. Price: No. M2B Special Clipper Cleaner, \$382.32.
Price: Slurry Treater and Elevator Attachment for M2B $\$ 157.29$.

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Wire ties make bag closing simple, quick and economical. They assure speed and neatness

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No. 11 Tie Twister

## PLANT SETTERS

Successfully handles Tobacco, Tomato, Pepper, Sweet Potatoes, Egg Plant, Cabbage, Cauliflower and all other such plants. Each plant is set, covered and watered in one operation.

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Owens $\$ 6.50$ ea.

WE CARRY A COMPLETE LINE OF TRANSPLANTER REPAIR PARTS

Write for a free parts list.


## HUDSON DUSTERS

No. $\mathbf{8 0 6 C}$ C Hudson RotoPower (Shown). Large, all aluminum duster gives greater air vol-

## R-V-LITE

All-Purpose Window Material


## R-V-LITE

Just cut to size with scissors and nail down with wood strips. Get increased sunshine benefits and protection from rain, snow, wind and cold with R-V-LITE windows in poultry, dairy buildings, sunporches, summer kitchens, playrooms, garages, etc

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square yard
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square yard $\quad .78$
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C-Cotton P-Plastic W-Wire reinforcement
$50-\mathrm{ft}$. and $150-\mathrm{ft}$. ROLLS 36 in . wide

## Hog Feeders

 aver at more speed than any other. Holds 14 los. average dust. Discharges 5 to 45 lbs. per acre. for 2-row dustings. Price: $\$ 53.80$, postpaid. No. 801 Hudson Roto-Power. Steel duster. Holds 8 lbs . average dust. Discharges 5 to 30 lbs . per acre. Price: $\$ 27.87$, postpaid.No. 4859 Wye Attachment. With nozzles for 2-row dusting. Price: $\$ 3.90$, postpaid.

## BARREL SPRAYERS

MYERS R318B ORCHARD PUMP for closed top barrel, with 15 feet of hose and nozzle. Price: (without barrel) \$33.50.
MYERS R-318. Same pump. Complete except without hose and nozzle. $\$ 33.50$.
DOBBINS 3160. For open top barrels, complete with hose, extension pipe, nozzle, etc. Price: $\$ 32.60$.
IOBBINS 3175. Heavy duty barrel pump for closed top barrels. Discharge equipment includes $121 / 2 \mathrm{ft}$. spray hose, two 3 ft . brass extension tubes, nozzles and shut-off cock. Price: \$43.12.

## NEW DOBBINS "SEAL-LOX" COMPRESSED AIR SPRAYERS



For home gardeners, farmers, nurserymen, and industry. who want the best for their money. Open head construction, making it easy to clean. Made with fewer parts, requiring less service giving longer life.
215A (illustrated) $13 / 2$ gal. Cap. $\$ 11.80^{*}$
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## GARDEN SUPPLIES,

IMPLEMENTS, TOOLS, SPRAYERS, AND DUSTERS


# Colortul Summer and Jall Howering Bulbs 

## DAHLIAS



Dahlia cultural instructions mailed on request.
TYPE OF FLOWERS
Ba--Ball type
FD-Formal Decorative
ID-Informal Decorative
AMB, VAN KLEFFENS (FD) - Flowers medlum sized, with a fine blend of orange shade. FLORIST'S BEAUTY (FD). Medium sized deep red with white edges.

GALLANT FOX (FD). Medium sized deep red JANE COWL (ID). Extra large buff and old gold. JEAN KERR (Ba.) Medium sized white. Excellent cutfower.
JERSEY BEAUTY (FD). Medium sized rose-pink. Commercial cutflower
MRS. I. DE VER WARNER (FD.). Extra large, beautiful orchid-pink prolific.
ROSY DAWN (Ba.). Light blend of rosy-red and yellow.
ROYAL PENNANT (ID). Extra large royalpurple.
THE COMMODORE (ID). Very large bright lemon-yellow.
All above Dahlias 50 c each; 3 for $\$ 1.35 ; 6$ for $\$ 2.50$; 12 for $\$ 4.75$, postpaid.

## CACTUS, DAHLIAS

SC-Semi Cactus

St C-Straight Cactus
BONNIE K. (SC). Medium sized golden bronze with white tips. Attractive.
CLARA HOOK (St C). Extremely large, golden yellow.
FAITHFUL (SC). Extra large, pure white.
NICKY K. (St C). Brilliant scarlet. $6^{\prime \prime}$ to $7^{\prime \prime}$ across.
PRIDE OF HOLLAND (St C). Extremely large, deep rose pink.
TORNADO (St C). Large, orange red.
All Cactus Dahlias 60c each; 3 for $\$ 1.60 ; 6$ for $\$ 2.90$; 12 for $\$ 5.40$, postpaid.

## MINIATURE DAHLIAS

Miniature Dahlias are ideal for arrangements Bushes are generally smaller than other kinds and flowers generally measure about three inches in diameter.
FAIRY (FD). Rose-pink with a buff blend. IKE (FD). Beautiful blood-red.
IITTLE WISTERIA (FD). Lavender
WHITE FAWN (FD). Finest waxy white; good cutflower.
XELLOW KITTEN (FD). Pure yellow
All Miniature Dahlias 50c each; 3 for $\$ 1.35$; 6 for $\$ 2.50$; 12 for $\$ 4.75$, postpaid.

## POMPON, DAHLIAS

Small flowers of ball shape, measuring not more than two inches in diameter. Cut flower more than tw
ANNABELLE. Clear pink.
L'INNOCENCE. Pure white.
MARY MUNNS. Fine deep lavender; good cutter. MORNING MIST. White with rosy-lavender center

## ROTHROUT. Deep red

YELLOW GEM. Finest deep yellow.
All above Pompon Dahlias 45 c each; 3 for $\$ 1.25$; 6 for $\$ 2.30 ; 12$ for $\$ 4.25$, postpaid.

## ACIDANTHERA

One of the most delightful of the summerlowering bulbs. This little known abyssinian nember of the iris family blooms in August when the rock-garden is dull. A mass of six or more tubular white flowers with purple blotch are suspended on gracefully arching two foot Nould Distinctively fragrant. Grow it as one Nould gladiolus and store the corms over win100 for $\$ 6.10$, postpaid.

## Double Camellia - Flowered (Tuberous Rooted)

(Illustrated inside back cover.)
Large brilliant flowers resembling Camellias. For early flowers start in flats or pots during February, transferring to shady locations in the garden after danger of frost, or they may be garden after danger of frost, or they may be grown in four inch pots all season. Water sparingly until growth starts. A soil mixture composed of loam, peat moss or woodsmold Scarlet, White, Salmon, Yellow, Pink. 45c each; 3 for $\$ 1.25$; 6 for $\$ 2.30 ; 12$ for $\$ 4.25$, postpaid.

## CALADIUMS

## FANCY LEAVED

Very ornamental foliage plants grown from corms which require warm temperature. Preferably, the soil should contain much humus such as peat or leaf mold. Plant upside down for slower starting but more sprouts; top side up for quicker starting. Keep only moist while starting, increasing the water supply as the leaves become larger and more numerous. The varieties listed are suited to both indoor and outdoor culture. Note: in case of shortage, we shall substitute nearest variety unless instructed
otherwise.

Illustrated inside back cover.

## Tall Growing

CANDIDUM-All white, with green veins. Outstanding against brick.
RISING SUN-Center red, main leaf green, blotched with red.
EDITH MEADE-White with narrow red veins and green tinting on edge.
MRS. F. SANDERS-Green and rose splotched throughout. Soft colors.

## Medium Height

MARIE MOIR-Very similar to Candidum but with a few red blotches
DOCTOR L. T. MEADE-Bronze leaves-quite unusual and striking.
JOHN PEED-Dark red center, green border. MRS. FANNIE MUNSON-Excellent pink with darker red veins. Soft colors.

Low Growing
THOMAS TOMLINSON-Vivid pink with dark bronze edge.
ACE OF HEARTS-Bright rose center, green border.
LORD DERBY-An unusual dull pink, one color. Delicate color
POECILE ANGLAIS-Dark red center, with wide green border.
All above Caladiums: Each 45c; 3 for $\$ 1.25$;
6 for $\$ 2.25$; 12 for $\$ 4.20$, postpaid.

## ELEPHANT EARS

(Caladium esculentum.) Huge green heartshaped leaves of tropical appearance, reaching three feet or more in length under good cul ure. Plant in rich soil and give plenty of water for best development.
EXTRA LARGE SIZE: One 55c; Three \$1.50; Six $\$ 2.75$; Twelve $\$ 5.20$, postpaid.

## GIANT FLOWERING CANNAS

Familiar plants of tropical appearance in foliage and flower. Of easy culture. All have green foliage except as noted.

## Color <br> Variety

Red-King Humbert. bronze foliage, 5 ft. tall Rosy Pink-City of Portland, 5 ft . tall
Rose-The President, 4 ft . semi-dwarf.
Yellow-King Midas, 3 ft . tall.
All Cannas 25c each; 3 for 70c; 6 for $\$ 1.20 ; 12$ for $\$ 2.15 ; 25$ for $\$ 3.85 ; 100$ for $\$ 12.90$.

## PERUVIAN DAFFODILS

## (Ismene calathina)

Clusters of large, fragrant, white flowers; resembling the Amaryllis group. Good cut flower Bulbs should be dug and stored in a temperature of 55 degrees or more during the winter months A temperature of 50 degrees or less will kill the fower bud. 60 c each; 3 for $\$ 1.65 ; 6$ for $\$ 3.10$
postpaid.

## CRINUM "LILIES"

Hardy out-of-doors North to Washington, D. C. Rich soil, and plenty of water desirable. provide ample drainage. Moving may throw bulbs "out of bloom.

April-May Delivery
C. CECIL HOUDYSHEL. Flowers deep rose pink. One of the best hybrids all qualities considered. Each $\$ 1.50$, postpaid.
C. ELLEN BOUSANQUET-Large dark wine red. Very beautiful. Each $\$ 1.50$, postpaid. C. LOUIS BOUSANQUET-Tall, pink bloom, long season blooming. Each 85c, postpaid.
C. POWELLI ALBA-Extra fine, pure white. Very beautiful. Each 85c, postpaid.

## HYBRID DAYLILIES

March-April-May Delivery
The Daylily is of remarkably easy culture in every section of the South. They will thrive in sandy soils, good garden loam, and rather heavy clay and in poor soils. They are remarkably free of insects and disease troubles. The roots can be left in the same spot without having to be divided. In short, daylily is a combination of everything we need for abundant summer bloom with the least amount of cultural care. Six wonderful colors: gold, dark red, copper, lemon-yellow, ${ }_{3}$ for $\$ 240 ; 6$ for deep rose. Prices: 85 c each; 3 for $\$ 2.40$; 6 for $\$ 4.55$, postpaid.

## GLOXINIAS

cultured instructions mailed on request EMPEROR FREDERICH. Scarlet bordered White. white.
MONT BLANC. Pure white.
FIRE KING. Scarlet.
Prices: 50 c each; 3 for $\$ 1.35 ; 6$ for $\$ 2.50$, postpaid.

## TUBEROSES

Waxy white flowers of intense fragrance and heavy substance. Favorites in old gardens. MEXICAN SINGLE-Earlier flowering and
taller. EXARFSIOR PEARL-Compact spikes. Very double. 20 each; 3 for $55 c$; 6 for $\$ 1.00 ; 12$ for $\$ 1.85$; 25 for $\$ 3.85 ; 100$ for $\$ 12.75$, postpaid.

## SPIDER LILIES—LYCORIS

AUGUST - SEPTEMBER DELIVERY L.-Alba (white)

Each $40 \mathrm{c} ; 3$ for $\$ 1.15 ; 6$ for $\$ 2.15$; 12 for $\$ 4.05$; 25 for $\$ 7.95$, postpaid.
Each $40 \mathrm{c} ; 3$ for $\$ 1.15 ; 6$ for $\$ 2.15 ; 12$ for $\$ 3.95$; Each $40 c ; 3$ for $\$ 1.15 ; 6$
25 for $\$ 7.20$, postpaid.
L.-Radiata (red).

Each 20 c ; 3 for $50 \mathrm{c} ; 6$ for $95 \mathrm{c} ; 12$ for $\$ 1.65$; 25 for $\$ 2.95$, postpaid.
L.-Squamigera (Pink Hardy Amaryllis). Each $55 \mathrm{c} ; 3$ for $\$ 1.60 ; 6$ for $\$ 2.90 ; 12$ for $\$ 5.20$; 25 for $\$ 9.45$, postpaid.


Spider Lilies-Lycoris

## Plant Wyatt-Quarles Superior

CULTURE: Soil requirements are not very exacting, Plant large corms $1^{1 / 2}{ }^{\prime \prime}$ or more apar 4 to $6^{\prime \prime}$ deep depending whether the soil is 2 to 3 weeks beginning in made at intervals of finued until early July should flower from the latter part of June until frost

## PINKS

ALFRED NOBLE-Beautiful rose pink GENERAL EISENHOWER-Huge rose pink, one of the best pink glads ever produced. Medium early
PHILLIPPOS MEMORY-Huge soft pink.
PICARDY - Shrimp or coral pink, lightly ruffled flowers with perfect stems.
SPIC AND SPAN-Large beautiful deep pink with slight salmon shadings.

## YELLOW

HANS VAN MEEGEREN-Deep yellow, splendid substance and healthy grower
SPOTLIGHT-Large deep yellow with a scarlet small blotch in the throat.
YELLOW HERALD-Amber yellow with carmine in the throat. Good commercial yellow.

## PURPLE, BLUE, LAVENDER

BENJAMIN BRITTEN-Magenta purple, very striking.
ELIZABETH THE QUEEN-Ruffled soft roselavender.
GRATIA-Beautiful deep violet blue
LAVENDER DREAM-A pleasing shade of pale light lavender
LILAC WONDER-Soft pinkish lilac, medium height, good bloomer.
MEMORIAL DAY-An excellent deep violet MERRY WIDOW-Mauve with cream white blotch.
MABEL VIOLET-Large violet.

## Postpaid Prices

## 6 for $55 \mathrm{c} \quad 12$ for $95 \mathrm{c} \quad 25$ for $\$ 1.65$ 50 for $\$ 2.95 \quad 100$ for $\$ 5.40$

Prices include all varieties except All America selection and exhibition mixed.

## WHITE, CREAM

FLORENCE NIGHTINGALE-A very fine white, slightly on the creamy side. Throat shades to deep cream or light yellow.
JUNE BELLS-Very pure white with large well placed florets. Healthy grower and good propagator.
MARGARET BEATON-Beautiful large pure white with a striking red blotch in the throat. SNOW PRINCESS-A leading florist milky white having a light cream throat.
VANGUARD-Beautiful white with red throat.

## RED, ORANGE

ARANGUEZ-Deep orange, yellow center. BURMA-Enormous heavily ruffled deep rose red strong grower of medium height. vaNSOER-Large glistening blood-red of velVety texture on tall slender stems. golden throat.
PACTOLUS-Spectacular deep apricot-cream with orange-red blotches. Eight to ten well placed flowers at a time.
PALET-Vermilion red with large purple blotch. Unusually striking.
POPPY DAY-Vermilion red, excellent for both exhibition and market
RED CHERRY-Bright scarlet red. Spikes are tall, well balanced.

UCI-A tall, strong, clear scarlet with a narrow white line on the lower petals.

## All American Gladiolus Selection Winners

CHINA BLUE (Pat. Pend.). 1961 AAS Light violet-blue.

GYPSY DANCER (Pat. Pend.). 1961 AAS. Orange with chartreuse throat; heavily ruffled.

RUSTY (Pat. No. 1781). 1961 AAS. Smoky.

LANDMARK (Pat. Pend.). 1960 AAS. Cream large ruffled florets formally placed with precision like regularity opening $10-14$ of the 22 buds at once.

Above All American Gladiolus: 35c each; 3 for $\$ 1.00 ; 12$ for $\$ 3.45$. (Any Combination, postpaid.)

Each bulb will be seperately bagged and labeled to variety and color.

> EXHIBITION MIXED. A carefully blended mixture of choice colors. Large flowering varieties. 6 for 45 c ; 12 for $80 \mathrm{c} ; 25$ for $\$ 1.40 ; 50$ for $\$ 2.60 ;$ 100 for $\$ 4.95$, postpaid.

## Roses

## Spring Planted Star Brand Roses for Summer Beauty

CHARLOTTE ARMSTRONG. H.T. Plant Pat. 455. Tall. Long, slender, rose-red buds open to extra-large blooms of deep, glowing rose. $\$ 2.00$ ea.; 3 for $\$ 5.25$.

CHRYSLER IMPERIAL. H.T. Plant Pat. 1167. Dark red and very fragrant. Plants are well branched upright, well foliaged and of medium 3 for $\$ 6.60$.

ECLIPSE. H.T. Golden yellow, regular bloomer, hardy. Ea. $\$ 1.75 ; 3$ for $\$ 4.65$.

ETOILE DE HOLLANDE. H.T. Crimson. Vigorous plant. Always popular and dependable. orous plant for $\$ 3.90$.

LADY ELGIN. H.T. Plant Pat. 1469. Brilliant orange-apricot. The plant is tall, upright, vigorcus; 35 to 48 petals are large and firm; the foliage is richly colorful; and there is a pleasing fragrance to grace this charmer. $\$ 2.50$ ea.; 3 for $\$ 6.60$.

MME. COCHET-COCHET. H.T. Lovely salmonbink. Excellent form. Honey-like fragrance Tall free-blooming, $\$ 1.75$ ea.; 3 for $\$ 4.65$.

MIRANDY. H.T. Plani Pat. 632. Big wine-red beauty noted for strong fragrance. \$2.25 ea.; 3 for \$6.00.

MRS. P. S. DUPONT. H.T, Golden yellow with well-formed buds and nice, fragrant flowers. Plenty of them on a bushy plant. $\$ 1.50$ ea.; 3 or $\$ 3.90$

NEW YORKER. H.T. Plant Pat. 823. Plants are vigorous with beautiful, fragrant, brilliant fed foms. \$2.50 ea.; 3 for $\$ 6.60$
[PEACR. Plant Pat. 591. Very popular. Creamy ycllow, pink edged. Needs little introduction

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All Star Brand Roses are Guaranteed to
Live and Bloom the First Season
Please add 35 c handling charge on all Rose orders if less than $\$ 10.00$.
PINK PEACE. H.T. Plant Pat-1759. The enormous vigor of the plant, the delightful fragrance and the giant, unfading, pink blooms makes this truly a great rose, Pink Peace fowers this truly a great rose. Pink Peace flow come continuously $\$ 3.00$ ea.; for $\$ 7.95$. RADIANCE. H.T. Many big blooms in cameopink are produced by an outstanding plant Ranks
$\$ 3.90$.
TIFFANY. H.T. Plant Pat. 1304. Often considered best light pink All America winner to date. The long-pointed buds and large blooms are always exquisitely formed. Flowers last well a

## W7.20.

WHITE KNIGHT. Plant Pat. 1359. 1953 AAS Good buds and big double blooms of snowy white. $\$ 3.00$ ea.; 3 for $\$ 7.95$.

## GRANDIFLORA ROSES

CARROUSEL. Plant Pat. 1066, Garnet-red Rose of excellent quality. Plants are bushy, upright and bloom profusely. $\$ 2.00$ ea.; 3 for $\$ 5.25$ MONTEZUMA. Plant Pat. 1383. Vivid, rosy salmon that is very showy. Buds are long and slender and open fower is equally beautiful slender and open flo
$\$ 2.75$ ea.; 3 for $\$ 7.20$. \$2.75 ea.; 3 for $\$ 7.20$.
QUEEN ELIZABETH. Plant Pat. 1259. H.T. type blooms of attractive shade of pink are produced with the lavish abundance of a Floribunda Plants are tall, upright, vigorous and bloom profusely all seasorr. $\$ 2.50$ ea.; 3 for $\$ 6.60$.
STARFIRE. Plant Pat. 1742, 1959 AAS. The bright red flowers open from urn-shaped buds and come one to a stem or in clusters. Stems of from 6 to 12 inches, make Starfire ideal for cutting. $\$ 3.00$ ea.; 3 for $\$ 7.95$.

## FLORIBUNDA ROSES

CIRCUS. Plant Pat. 1382. Changing, gold red, and vermilion. $\$ 2.50$ ea.; 3 for $\$ 6.60$. FIRE KING. Plant Pat. 1758. All America winner for 1960 . A tall rose which is literally covered with very double, well-shaped fier circle of bright, bright color. There are 45 to 50 petals making up the 3 inch flower The bush is loaded with clusters of these wonderful blooms, and occasionally there are one or two to a stem, making fine cut ting for bouquets. $\$ 2.50$ each; 3 for $\$ 6.60$. FUSILIER. Plant Pat. 1709. 1958 AAS Medium tall plant with bright red blooms $\$ 2.00$ ea.; 3 for $\$ 5.25$.
GOLD CUP. Plant Pat. 1683. 1958 AAS Medium sized Floribunda with large blooms of golden yellow. $\$ 2.00$ ea.; 3 for $\$ 5.25$
LAVENDER GIRL. Plant Pat. 1672. The most intriguing color imaginable is yours to enjoy in the gorgeous rich-tone Lavender Girl unlike others, this one holds true even in summer heat! Long stems make good cutting. $\$ 5.00$ ea.; 3 for $\$ 13.75$.
SPARTAN. Plant Pat. 1357. Coral. \$2.50 ea. 3 for $\$ 6.60$.
THE SWEETHEART ROSE. This famous old rose flowers are light pink on a yellow ground and has long buds and small double fowers. Fragrant free blooming in clusters 1.75 ea.; 3 for $\$ 4.65$.

## CLIMBING and PILLAR ROSES

BLAZE. (Repeat Blooming). Scarlet-crimson. $\$ 1.50$ ea.; 3 for $\$ 3.90$.
CLIMBING CRIMSON GLORY. (Repeat Blooming), Plant Pat. 736. Crimson. \$2.50 ea.; 3 for $\$ 6.60$.
CLIMBING PEACE. Plant Pat. 932 (Repeat Blooming). Blooms same as Peace. \$2.25 ea.; 3 for $\$ 6.00$.
GLADIATOR. (Everblooming). Plant Pat 1524. Light red. Ea. $\$ 2.75 ; 3$ for $\$ 7.20$.

GOLDEN SHOWERS (Everblooming). Plant Pat. 1557. 1957 AAS. Continuous display of large fragrant clear yellow blooms. Can be rained as a Pillar Rose or climber. $\$ 2.75 \mathrm{ea}$ for $\$ 7.20$.
WHITE DAWN (Repeat Blooming). The large flowering white climbing rose that's recognized as being the best in its color. $\$ 1.75$ ea. 3 for $\$ 4.65$.

$\leftarrow$ DAHLIA
Jersey Beauty

## A rose pink.

50c each; 3 for $\$ 1.35$; 6 for $\$ 2.50$; 12 for $\$ 4.75$, postpaid


50 bulbs $\$ 2.60$, postpaid

$\leftarrow \quad$ CANNA
King Midas
Height 3 feet.
Green foliage.
25c each; 3 for 70c; 6 for $\$ 1.20 ; 12$ for $\$ 2.15$, postpaid

## Rases

## LADY ELGIN

Hybrid Tea. Plant Patent 1469.
An elegant apricot and orange combination. The plant is sturdy, tall growing, upright and vigorous. $\$ 2.50$ each; 3 for $\$ 6.60$.

## PINK PEACE

Hybrid Tea $\rightarrow$
Plant Pratent 17.59.
A beautiful new, giant, solid pink. \$3.00 cach; 3 for 87.9

## FIRE KING

## Floribunda

Plant Patent 175s.
All-America Winner for 1960. A tall Rose literally covered with double, welishaped, fiery vermilion blooms. $\$ 2.50$ each; 3 for \$6.60.

## LAVENDER GIRL

## Floribunda

Plant Patent $167^{2}$.

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DUET

FANTAN
Hybrid Tea.
Plant Patent 1913.
A rarity in Roses. A color break-the first tan
Troce 83.00 cath:3 for 87.95 .


PINK
PARFAIT

## Grandiflora

Plant Patent 1904. All-America Winner for 1961


WHITE KNIGHT

WHITE KNIGHT

## Hybrid Tea

Plant Patent 1359.
All America Winner for 195 s .
Good buds and big double blooms of snowy white. $\$ 3.00$ each; 3 for $\$ 7.95$.

## SUSPENSE

## Hybrid Tea

Plant Patent 1944.
It really is terrific. A most unusual color com-hination-a bicolor with petals of rich plush, the undersides seemingly covered artfully with chamoisskin. Large, gorgeous hlooms. $\$ 3.06$ each; 3 for $\$ 7.95$.


[^0]:    Hosemaster No. 480 Brass Pistol-Grip handle gives instant control............... $\$ 1.50^{\text {\# }}$ "Add 12c each for postage.

[^1]:    No. Hand Size Post-
    306 BC-L, Size 7
    306 BC-L. Size 8
    paid
    306 B-M, Size 9
    $\$ 1.96$
    306 B.-M, Size 10
    1.96
    2.06

    No. W-55C for women. Cotton material is of exceptionally high quality-heavier weight, and the colors are woven in rather than printed. Sanforized and Colorfast. Fits sizes $51 / 2$ through 9. Price 70c, postpaid.

[^2]:    -4 14 in. curved blade (Pull Cut) K-40 18 in . double edge
    3224 in. professional, big teeth
    No. 2322 Swedish $10^{1 / 2}{ }^{\prime \prime}$ folding

[^3]:    pint bottle $\$ 3.30$; quart bottle $\$ 5.80$, postpaid.

