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Will W. Jancy Jr.

1913

LILLY'S SEEDS

The CHAS. H. LILLY CO.
PORTLAND SEATTLE

PUBLICATIONS

ISSUED BY THE CHAS. H. LILLY CO.

LILLY'S ANNUAL SEED CATALOG.

Contains a complete list and description of Vegetable, Flower, Grass and Field Seeds; also a more or less condensed list of all other goods handled by us, including Spray Machinery, Spray Materials, Fertilizers, Garden Cultivators and Drills, Stock and Poultry Foods and Remedies, Poultry Supplies, Bee Supplies, etc. Issued about the first of February each year. If you are not on our mailing list, write for a copy.

LILLY'S POULTRY BOOK.

Full of useful and reliable information for both the amateur and professional poultryman; also a catalog of our complete line of Poultry Foods and Supplies, Incubators, Brooders, Bone Cutters, Food and Water Vessels; in fact, everything required in the up-to-date poultry yard, including Baby Chicks. Issued as frequently as is necessary to keep in advance of the rapidly growing poultry industry. If you have not a late issue, write for a copy.

LILLY'S BEE SUPPLIES CATALOG.

Contains a complete list and description of the celebrated Lewis Bee Supplies, for which we are exclusive Pacific Coast agents. It also contains considerable information which will be helpful to those intending to handle bees. If you are interested in the subject we will be glad to mail you a copy.

LILLY'S SPRAY BOOK.

Besides containing a list of all Spray Materials and Machinery handled by us, it also gives descriptions and habits of all insect pests and fungus diseases common in this vicinity, and in such a manner that the ordinary person can decide what pests are causing him trouble, and what to do to eliminate them.

LILLY'S FERTILIZER BOOK.

Farmers and gardeners in this section are just beginning to realize that the fertilizer question is a very important one to them, and this little book is intended to assist them in deciding what is needed to produce greater profits in their business. It is not simply a catalog of commercial fertilizers; it is worth asking for.

LILLY'S CROP BOOK.

Unlike the other publications issued by us, this book is not given away free, neither is it for sale at any price. We give it with any order for LILLY'S Seeds, or any other goods listed in any of our catalogs, regardless of amount, provided it is asked for with the order. It is compiled from Government Bulletins and other reliable sources of information and also contains many articles written especially for us by men who are experts on the subjects handled, including cultural directions for all the common vegetables, flowers and farm crops.

THE CHAS. H. LILLY CO.

Portland

Seattle

LILLY'S

COMPLETE ANNUAL CATALOG 1913



THE CHAS. H. LILLY CO.

ESTABLISHED 1885

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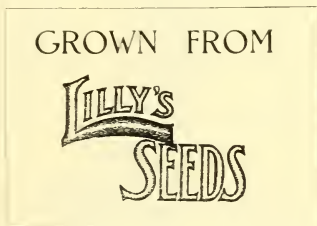
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\$10.00 CASH PRIZES FOR BEST EXHIBITS AT STATE FAIRS

We will give cash prizes of \$10.00 each at each of the following fairs:

Washington State Fair, North Yakima.	Valley Fair, Puyallup.
Oregon State Fair, Salem.	King County Fair, Seattle.
California State Fair, Sacramento.	Southwest Washington Fair, Chehalis.
Idaho State Fair, Boise.	Pendleton Round-Up, Pendleton.
Interstate Fair, Spokane.	Lewiston Fair, Lewiston.

For exhibits of Farm and Garden Produce receiving the Fair Association's highest award for best exhibit, provided there is displayed with the exhibit a card reading:



If you wish to compete for these prizes, we should be notified before opening of the fair, and will mail you cards to display with the exhibit. If you are successful, our check will be mailed to you immediately on receipt of the Fair Association's certificate of award.

If you wish to compete at a fair not named above, and will take the matter up with us at an early date, we may be able to include your fair in this offer.

To Judges and Secretaries of the Above Named Fairs:

With your Highest Award for Best Exhibit of Farm and Garden Produce we hereby authorize you to make an additional award of \$10.00 (Ten Dollars) cash, provided there is displayed with the exhibit in a conspicuous manner a card reading "Grown From Lilly's Seeds."

Our check will be mailed to the successful competitor immediately on receipt of your certificate of award.

We will be pleased to have you incorporate this offer in your Premium List.

THE CHAS. H. LILLY CO.

PORTLAND

SEATTLE

VEGETABLE GARDEN ASSORTMENTS

Suitable for the Average Home Garden

These assortments are packed ready for shipment, and cannot be changed. By packing them during the dull season we are enabled to sell them at greatly reduced prices. Of course, additional seeds may be included in the order at regular prices. Order by assortment number only.

Assortment No. 1

50c

1 Pkt. Crimson Globe Beet	\$.10
1 " Golden Hf.Lg.Carrot	.10
1 " Delicious Lettuce	.10
1 " Palo Alto Parsnip	.10
1 " Gradus Peas	.10
1 " Crimson Giant Radish	.10
1 " Swiss Chard	.05
1 " Snowball Turnip	.10
Regular price	\$.75
Reduction	.25
Assortment price	\$.50

Assortment No. 2

\$1.00

1 Pkt. G. J. Wax Bean	\$.10
1 " Crimson Globe Beet	.10
1 " Glory Cabbage	.10
1 " Golden Hf.Lg.Carrot	.10
1 " Golden Bantam Corn	.10
1 " P. of Pc. Cucumber	.10
1 " Delicious Lettuce	.10
1 " Longkeeper Onion	.10
1 " Palo Alto Parsnip	.10
1 " Gradus Peas	.10
1 " Crimson Giant Radish	.10
1 " Icicle Radish	.10
1 " Delicata Squash	.10
1 " Swiss Chard	.05
1 " P. S. Spec. Tomato	.10
1 " Snowball Turnip	.10
Regular price	\$1.55
Reduction	.55
Assortment price	\$1.00

Assortment No. 3

\$1.50

1 Pkt. G. J. Wax Bean	\$.10
1 " Longfellow Bean	.10
1 " Crimson Globe Beet	.10
1 " E. J. W. Cabbage	.10
1 " Copenhagen Cabbage	.10
1 " Golden H. L. Carrot	.10

1 " Jack Frost Corn	.10
1 " P. of P. Cucumber	.10
1 " Lilly's Frcg. Lettuce	.10
1 " Delicious Lettuce	.10
1 " Rocky F. M-Melon	.10
1 " Swt. as H. M-Mln.	.10
1 Pkt. Longkeeper Onion	.10
1 " White Queen Onion	.10
1 " Palo Alto Parsnip	.10
1 " Wash. Wonder Peas	.10
1 " Thomas Laxton Peas	.10
1 " Earliest of all Radish	.10
1 " Icicle Radish	.10
1 " Delicata Squash	.10
1 " Swiss Chard	.05
1 " P. S. Special Tomato	.10
1 " Golden West Turnip	.10

Regular price	\$.25
Reduction	.75
Assortment price	\$1.50

Assortment No. 4

\$2.00

1 Pkt. G. J. Wax Bean	\$.10
1 " Jones S. Wax Bean	.10
1/4 Lb. Crimson Globe Beet	.25
1 Pkt. Half Long Beet	.05
1 " E. J. W. Cabbage	.10
1 " Glory Cabbage	.10
1 " Golden Bantam Corn	.10
1 " P. of P. Cucumber	.10
1 " Batavian B.L. Endive	.10
1 " Emerald Isle Kale	.10
1 " Delicious Lettuce	.10
1 " Immensity Lettuce	.05
1 " Rocky F. M-Melon	.10
1 " Swt. as H. W-Mel.	.10
1 " Longkeeper Onion	.10
1 " White Queen Onion	.10
1 " Palo Alto Parsnip	.10
1/2 Lb. Wash. Wonder Peas	.20
1/2 " Thomas Laxton Peas	.20
1 Pkt. Crimson Giant Radish	.10
1 " Earliest of all Radish	.10
1 " Icicle Radish	.10
1 " Delicata Squash	.10

1 " Hubbard Squash	.10
1 " Swiss Chard	.05
1 " Mam. Vic. Spinach	.10
1 " P. S. Special Tomato	.10
1 " Snowball Turnip	.10
Regular price	\$3.00
Reduction	1.00
Assortment price	\$2.00

Assortment No. 5

\$2.50

1 Lb. G. J. Wax Bean	\$.30
1 Pkt. Jones S. Wax Bean	.10
1/4 Lb. Crimson Globe Beet	.25
1 Oz. Half Long Beet	.10
1 Pkt. E. J. W. Cabbage	.10
1 " Glory Cabbage	.10
1 " E. Alba Cauliflower	.25
1 " Vilmorin's P. G. Y. Celery	.10
1 " Golden Bantam Corn	.10
1 " P of P. Cucumber	.10
1 " Batavian B.L. Endive	.10
1 " Emerald Isle Kale	.10
1 " Delicious Lettuce	.10
1 " Immensity Lettuce	.05
1 " Rocky F. M-Melon	.10
1 " Swt. as H. W-Mel.	.10
1 " Longkeeper Onion	.10
1 " White Queen Onion	.10
1 " Palo Alto Parsnip	.10
1/2 Lb. Wash. Wonder Peas	.20
1 " Thomas Laxton Peas	.35
1 Pkt. Crimson Giant Radish	.10
1 " Earliest of all Radish	.10
1 " Icicle Radish	.10
1 " Delicata Squash	.10
1 " Hubbard Squash	.10
1 " Swiss Chard	.05
1 " Mam. Vic. Spinach	.10
1 " P. S. Special Tomato	.10
1 " Snowball Turnip	.10
1 " Golden West Turnip	.10
Regular price	\$3.85
Reduction	1.35
Assortment price	\$2.50

LILLY'S
SEEDS

ARE TESTED FOR BOTH PURITY AND GERMINATION. All seeds which do not show a high percentage of purity and germination are destroyed. We send out none but good seeds. If they do not grow, it is invariably the fault of weather, soil, or cultural conditions. If you wish, we will mail you our circular explaining how seeds are tested, and the advantages derived.

LILLY'S VEGETABLE SEEDS

BEST FOR THE WEST

FOLLOWING ARE OUR SPECIALTIES, which have been selected as being the most desirable, and best suited to the West. If you are not familiar with the varieties, you will be safe in choosing these which experience has proven to be the best. Other good and standard varieties are listed in the Complete List of Vegetable Seeds.

Plant only the very best seed that can be procured; cheap seed is poor economy. The seed is the smallest item of expense in planting a garden, and the difference in cost between good seed and poor seed is insignificant compared with the results.

We do not claim that our seeds are cheaper than others, but they are as cheap as is consistent with the quality, and LILLY'S SEEDS are the best that are to be had at any price.

LILLY'S

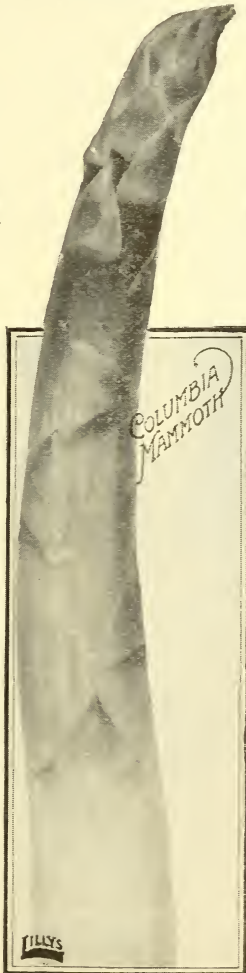
Large French Green Globe Artichoke

THIS is entirely different from the Jerusalem Artichoke, of which the edible portion is the tubers, and which, in this country, is used mostly for stock food. The Green Globe Artichoke is a delicious vegetable which deserves to be more generally grown in American gardens, and is worthy of the estimation which it enjoys in other countries.

The plant resembles a giant thistle, and the edible portion is the immature flower head, which is boiled and served with a butter dressing. The young suckers are sometimes served in the same manner as asparagus.

The plants bear few, if any, heads the first year, but bear freely the second and many succeeding years.

Pkt., 5c; oz., 40c; ¼ lb., \$1.25; lb., \$4.00, postpaid.



LILLY'S

Columbia Mammoth Asparagus

A SUPERIOR VARIETY, of recent introduction, surpassing all others in size, color and yield, and commanding the highest price in all markets. The delicacy of its color notably distinguishes it; the thick stalks are unusually tender, succulent, and of delicious flavor. It is the largest asparagus grown, a bunch of twelve stalks sometimes weighing two pounds.

Three years are required to grow asparagus from seed; one year may be saved by purchasing the roots. Cultural directions are given in the Crop Book, which will be furnished free with any order when requested.

Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c, postpaid.

LILLY'S FERTILIZER CATALOG is full of good suggestions. It is free.

LILLY'S GOLDEN JERSEY WAX BEAN

Best Yellow Podded Bush Bean

Early

Prolific

Stringless

AN IMPROVED strain of the old standard Golden Wax, which has been so universally grown in all sections of the country for so many years. Although Golden Wax was a splendid variety, this new strain excells it.

The plants are small, hardy, very erect, vigorous, thick stemmed, without runners, early and very productive.

The pods are rich golden yellow, large and handsome; they are broad and thick, solid fleshed, of splendid quality, tender, brittle, and absolutely stringless.

The dry seeds are of medium size; white, with mottling of violet and yellow around eye and ends.

Sold only in sealed packages.

By mail, postpaid, pkt., 10c; lb., 30c.

By express or freight, not prepaid, pkt., 10c; lb., 20c; 10 lbs., \$1.50; 100 lbs., \$14.00.

LILLY'S

LONGFELLOW

Best Green Podded Bush Bean

Early

Long Pods

Finest Quality

FOR those who prefer a green podded bush bean, Longfellow is a superior snap variety. The plant is rather large and spreading, weighted down with heavy outstretched branches, but without runners. It is early, and very productive.

The pods are very long and straight, round, dark green, and brittle. They are rather stringy, but of good quality and fine flavor.

The dry seeds are dingy brownish-red freely splashed with pale buff; medium size; very slender and straight.

By mail, postpaid, pkt., 10c; lb., 30c.

Lilly's Select Stock, sold in sealed packages only.

By express or freight, not prepaid, pkt., 10c; lb., 20c; 10 lbs., \$1.50; 100 lbs., \$14.00.

LILLY'S CROP BOOK contains cultural directions and much valuable information. It will be furnished free with any order if requested.



LILLY'S SELECTED STRAIN JONES' STRINGLESS WAX BEAN

A Splendid Yellow Podded Bush Bean—
Brittle, Stringless, Delicious—
White Seeded, A Good Shell Bean

A COMPARATIVELY new variety, becoming more popular each year. Some of our customers claim that there is no other wax podded bean equal to it.

The plants are of medium size, erect, thick stemmed, without runners, early and productive.

The pods are of uniform size, long, slightly curved, round, plump, full, yellow, very brittle, entirely stringless, without fiber, and of excellent quality.

The ripe dry seeds are good for winter shelled beans; are of medium size, rather slender, roundish through cross section, truncate or rounded at ends, almost straight at eye, and solid white except a minute area of yellow around the eye.

Our strain is selected with special care, and is sold only in sealed packages.

By mail, postpaid, pkt., 10c; lb., 30c.

By express or freight, not prepaid, pkt., 10c; lb., 20c; 10 lbs., \$1.75; 100 lbs., \$16.00.

LILLY'S

CARMINE POLE BEAN

The Best Pole Bean for the
Northwest

THE BEST and most handsome all-round pole bean for snap, green shell, or dry shell beans, either for home or market.

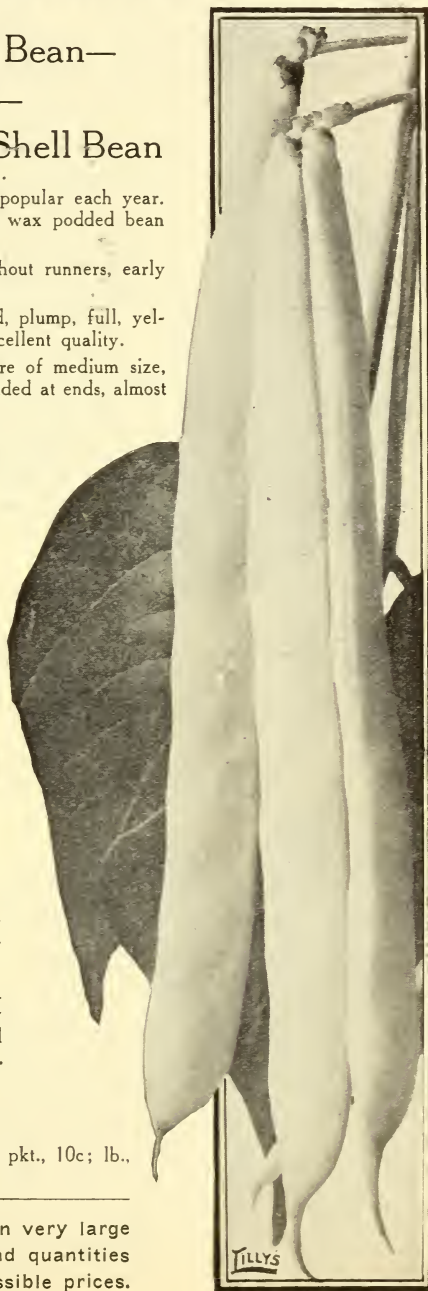
The pods are brilliantly splashed with bright carmine on a greenish-yellow background; very long and flat, generally straight; surface smooth, very brittle, entirely stringless and without fiber; of splendid quality, and free from anthracnose.

Lilly's select stock, sold only in sealed packages.

By mail, postpaid, pkt., 10c; lb., 30c.

By express or freight, charges to be paid by purchaser, pkt., 10c; lb., 20c; 10 lbs., \$1.80; 100 lbs., \$17.00.

Market gardeners and others requiring seeds in very large quantities, will please give us a list of seeds and quantities wanted, and we will be glad to quote lowest possible prices.





LILLY'S

CRIMSON GLOBE

THE BEST

Second Early

Main Crop Beet

A MAGNIFICENT variety, the finest of all for the home garden; also popular with market gardeners. It is not quite so early as Crosby's Egyptian, but for second early and succession it has no equal, on account of the exquisite quality and delicious flavor.

The beet is nearly globular, slightly elongated; of medium size, about three inches in diameter; with small tops and very small tap-root.

The flesh is deep crimson, beautifully ringed or zoned, and is entirely free from stringiness or woodiness.

The extreme tenderness, sweetness, fine flavor, and attractive appearance makes this the highest type of blood turnip beet.

Our seed is especially selected from the choicest strain, and is sold in sealed packages only.

By mail, postpaid, pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.85.

By express or freight, not prepaid, pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.75; 10 lbs., \$16.50.

LILLY'S SELECTED STRAIN

CROSBY'S EGYPTIAN BEET

The Earliest Good Blood Turnip Beet

THIS IS AN IMPROVEMENT over the old-time favorite, Extra Early Egyptian. It is fully as early as the old variety, and excelling it in all other respects, being larger, smoother, thicker, and of much finer quality.

In color it is peerless, rich vermillion, slightly zoned; is fine grained, tender and sweet; does not become woody or hard; and the tops are not as

large as those of the old variety. It is a great favorite with market gardeners.

Lilly's select seed is sold only in sealed packages.

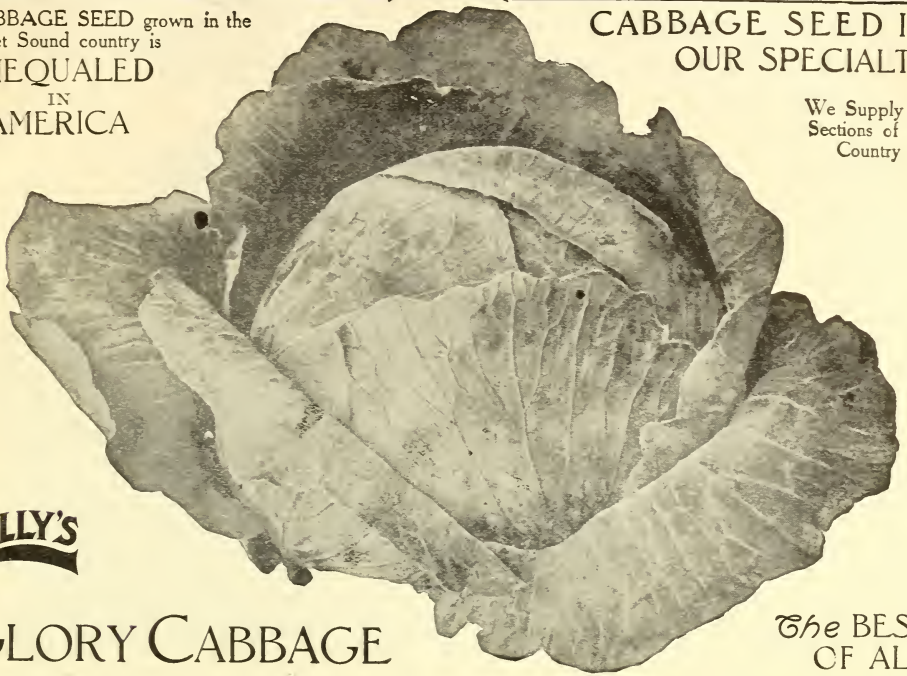
By mail, postpaid, pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.85.

By express or freight, at purchaser's expense, pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.75; 10 lbs., \$16.50.

CABBAGE SEED grown in the
Puget Sound country is
UNEQUALED
IN
AMERICA

CABBAGE SEED IS
OUR SPECIALTY

We Supply all
Sections of the
Country



LILLY'S

GLORY CABBAGE

*The BEST
OF ALL*

LILLY'S GLORY CABBAGE is as early as Early Flat Dutch, but is also one of the very best winter cabbages, and is unexcelled in delicious flavor, crispness, solidity, and keeping qualities. No other cabbage combines so many excellent qualities in such marked degree.

The Puget Sound country is noted as being especially adapted to growing the finest cabbages. Seed grown here is acknowledged to be the best, and

Lilly's Glory is the best cabbage that is produced even in the Puget Sound country. It produces a large per cent of solid heads; large, round, thin ribbed, and very hard. A vigorous grower, good shipper, particularly attractive for market, true to type, symmetrical, uniform in size and shape, with few outside leaves, and the inside is white, crisp, tender and sweet.

Sold only in sealed packages. Pkt., 10c; oz., 20c; ¼ lb., 75c; 1b., \$2.50, postpaid.

EARLY JERSEY WAKEFIELD

**LILLY'S SPECIAL
STRAIN**

Grown on Puget Sound

EARLY JERSEY WAKEFIELD has long been the leading extra early cabbage, and is the most popular for both private and market gardeners use. It is more generally grown than all other first-early varieties, and can always be depended upon for earliness and a sure crop.

Lilly's Selected Stock is carefully grown under our personal supervision, and selected by our own expert. Users of our seed write us from all parts of the United States that Puget Sound seeds produce cabbages that head early and hard.

The heads are conical in shape; solid and heavy, with thick, heavy outer leaves.

Sold only in sealed packages. Pkt., 10c; oz., 20c; ¼ lb., 75c; 1b., \$2.50, postpaid.

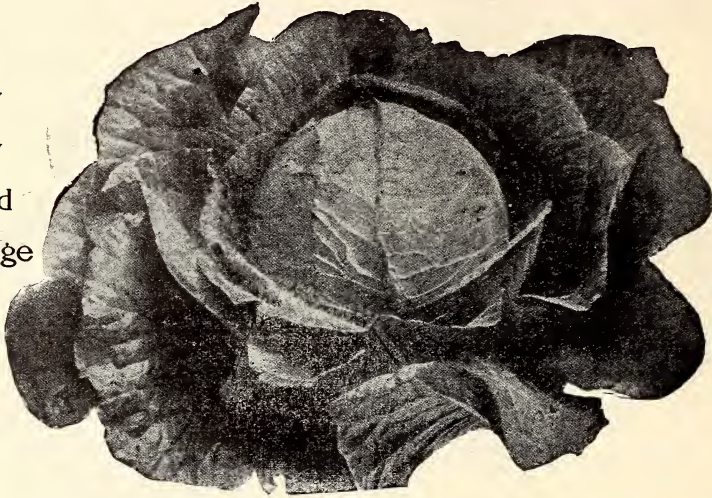


Early Jersey Wakefield

If seeds are shipped by express, deduct 10c per lb. from postpaid price.

COPENHAGEN MARKET CABBAGE

A
New
Early
Round
Cabbage



A
Money
Maker
For
Market
Gardeners

THIS SUPERB NEW CABBAGE, originated in Denmark, where the Government is active in encouraging the production and perfection of new and superior varieties of vegetables, and has created quite a sensation during the past season. It is undoubtedly without a rival as the finest large round-headed early cabbage in cultivation.

The type is thoroughly fixed; the heads all mature at the same time; average about ten pounds each; are very solid; with small core and of fine quality.

It matures as early as Charleston Wakefield, and yields much heavier than that popular variety. The plant is short stemmed, the heads being produced almost on the ground level. The leaves are light green, rather small, saucer shaped, and always tightly folded. The plants can be set closer than is usual with varieties of similar size.

Sold in sealed packages only. Pkt., 10c; oz., 20c; 1/4 lb., 75c; lb., \$2.40, postpaid.



LILLY'S
SEASON

All Seasons

LILLY'S

ALL SEASONS CABBAGE

AN EXCELLENT VARIETY; a sure header and long keeper. As its name indicates, it may be planted either early or late, and although it is classed as a second early variety, it has few equals for either medium early, main crop or late use. It is of large size; heads hard and uniform; of handsome color and the finest quality. Nearly as early as Early Summer, and much larger. It comes true to type under all conditions, and has no tendency to run to seed. Very popular among market gardeners for main crop.

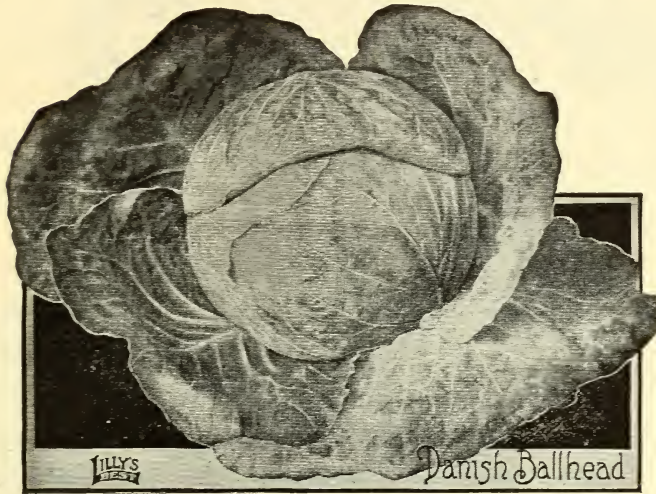
Our strain is specially selected, and is sold in sealed packages only.

Pkt., 10c; oz., 20c; 1/4 lb., 60c; lb., \$2.00, postpaid.

LILLY'S
BEST

Danish Ballhead Cabbage

LILLY'S SELECT STOCK

Not New
But Improved

Danish Ball Head is too well known to need very much description, suffice it to say that our strain of Danish Ball Head yields a larger number of solid heads than any other variety. It is hardy, withstands hot weather, does not burst in wet seasons and will stand much longer in the ground than any other variety. This is not to be wondered at when in addition to the choice quality of Lilly's seed is added the climate of the Pacific Coast, which is especially adapted for cabbage growing.

Pkt., 10c; Oz., 20c; ¼ lb., 75c; Lb., \$2.50, Prepaid.

"I take pleasure in recommending your seeds. I have used them six years without one failure. Especially the Danish Ball Head Cabbage, which has always been a leader with me; in fact, I will have no other. It will get hard in very late planting when prices are good and all other cabbage fails."

J. E. FIELDER.

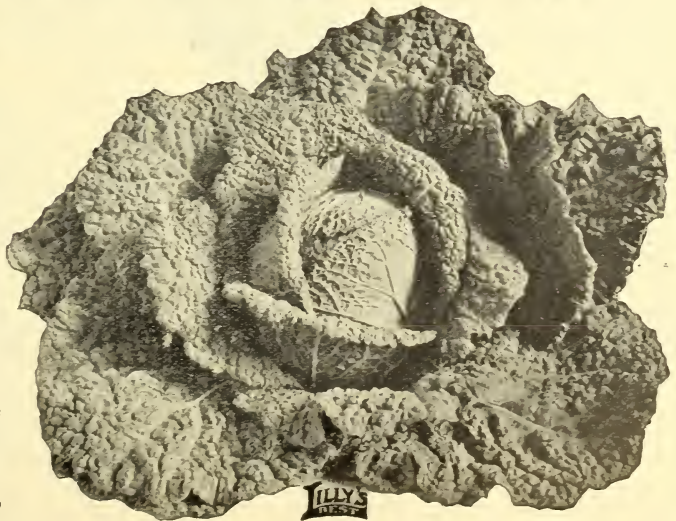
Proprietor Highland Market Garden, Anacortes, Wash.

Drumhead Savoy Cabbage

LILLY'S
BEST Select
Stock

The Savoy Cabbages are noted for their fine and delicate flavor. The leaves are wrinkled in a peculiar and characteristic manner. The heads in our strain of Drumhead Savoy are large and very compact, and of a most attractive appearance. It is an excellent winter keeper. Especially recommended for home use. The most valuable cabbage for making sauer kraut.

Pkt., 5c; Oz., 20c; ¼ lb., 60c; Lb., \$2.00, Prepaid.



LILLY'S GOLDEN HALF-LONG

THE BEST
MAIN-CROP CARROT

Delicious,
Sweet, Crisp,
and Tender

GOLDEN HALF-LONG is by far the best carrot for home use and for market, and by many is preferred for stock feeding, for, although it is not so large as some of the stock carrots, it equals them in yield; often twenty-five to thirty tons per acre.

It is of large size; cylindrical and smooth; the roots taper to a blunt point with very small tap-root; the color is a rich orange, and the flesh is sweet, crisp and tender.

Carrots should be more generally grown. They are a delicious vegetable, in perfect condition for eating at any time during their growth from the time they are the size of a lead-pencil until long after they are matured, and on the Pacific Coast they may be left in the ground all winter, and pulled as wanted. They are easy to grow, and our soil and climate is especially adapted to them. They are also one of the most valuable root crops for stock feeding.

Sold only in sealed packages. Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.60, postpaid.



LILLY'S

CROP BOOK

The Crop Book has become so popular that we are compelled to discontinue giving it free to all who ask for it, but it will be given with any order if asked for.

LILLY'S EARLY FORCING CARROT

Best for Extra Early Forcing

THE EARLIEST of all carrots, and the best for forcing in hot-beds, cold-frames, or for very early out of doors. The roots are small, globular and smooth, with small tap-root. The color is orange-red; flavor excellent, and very tender.

They are recommended only for early forcing, as

the larger varieties are better for main crop. One or two light top-dressings of nitrate of soda will do wonders in producing a quick, early crop. The quicker they can be grown, the better the quality.

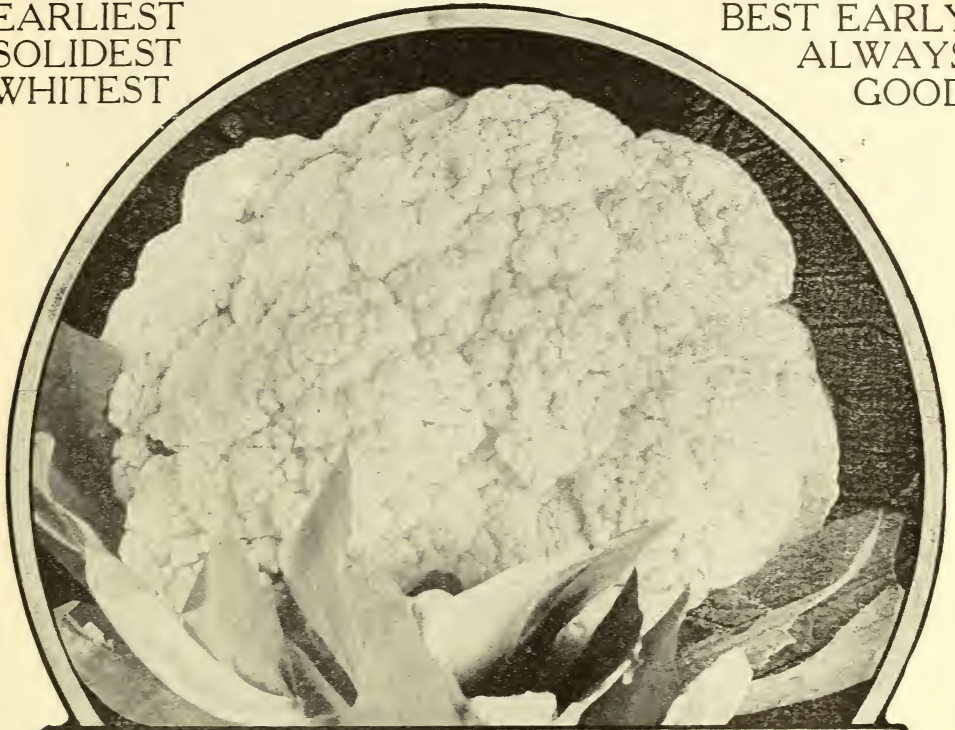
Sold only in Sealed packages. Pkt. 10c; oz. 10c; quarter lb. 40c; one lb. \$1.50; postpaid.

Your soil can be made more productive. Write for a copy of LILLY'S FERTILIZER CATALOG.

LILLY'S EARLY ALBA CAULIFLOWER

EARLIEST
SOLIDEST
WHITEST

BEST EARLY
ALWAYS
GOOD



LILLY'S
BEST

EARLY ALBA CAULIFLOWER

EARLY ALBA is the best cauliflower grown, either for early or late, home use or market, for forcing or for outdoor culture. It is the largest early cauliflower, and is equally good for either extra early or for main crop. It is a sure producer of large, solid, compact, snow-white heads of unequalled quality, flavor, and beauty.

Sold only in sealed packages. Pkt., 25c; $\frac{1}{4}$ oz., 75c; $\frac{1}{2}$ oz., \$1.40; 1 oz., \$2.50, postpaid.

The Puget Sound country is noted as being peculiarly adapted to growing cauliflower, and there is no other place on the American continent where high-grade seed is produced. Our soil and climate, cool summers, mild winters and uniform temperature are ideal for the production of the plants and maturing the seed.

DANISH DRY-WEATHER CAULIFLOWER

Best for Dry Climates---Best Main Crop for Market

DANISH DRY-WEATHER Cauliflower is especially adapted for growing in dry localities where other varieties fail to make good heads, but is also an excellent variety for more favorable conditions.

It is not as early as Early Alba, and is not suitable for forcing, but the heads are large, solid, pure white, of splendid quality, and for main crop is ex-

celled by none, as it is the surest header known, and therefore the most profitable for the market gardener. It will make a good crop in dry climates where it has heretofore been considered impossible to grow good cauliflower.

Sold only in sealed packages. Pkt., 25c; $\frac{1}{4}$ oz., 85c; $\frac{1}{2}$ oz., \$1.60; 1 oz., \$3.00, postpaid.

If your garden has not been satisfactory, try **LILLY'S COMPLETE FERTILIZERS**; they will produce wonders.



LILLY'S SELECT STOCK

VILMORIN'S PARIS GOLDEN YELLOW

The Best Celery for Home or Market

THIS DELICIOUS French variety is deservedly popular, and our seed is the best that it is possible to produce, coming direct from the originators, Vilmorin, Andrieux & Co., Paris.

The plants are of medium size, with beautiful yellowish-green foliage, and as they mature the inner stalks and leaves become a beautiful golden-yellow;

as nearly self-blanching as any variety in existence.

The handsome color, crispness, tenderness, freedom from stringiness, delicious nutty flavor, sturdy growth, ease of blanching, and earliness of this variety make it unequalled for either the home garden or for market. Sold only in sealed packages.

Pkt., 10c; oz., \$1.50; ¼ lb., \$5.00, postpaid.

LILLY'S SILVER PLUME CELERY

A Favorite for Market

AHANDSOME, early variety, popular with market gardeners on account of its very attractive appearance and requiring a very short time for blanching.

The plants are of medium size, and the foliage forms handsome silver-white plumes, so aptly suggested in the name. As the plants mature, the inner stems and leaves naturally turn white, requiring but a very short time to blanch.

The stalks are thick and heavy, with pure white hearts; brittle, crisp and tender; free from stringiness; and unexcelled in flavor.

Sold only in sealed packages.

Pkt., 10c; oz., 75c; ¼ lb., \$1.75; lb., \$5.00, postpaid.

LILLY'S GIANT WHITE WINTER CELERY

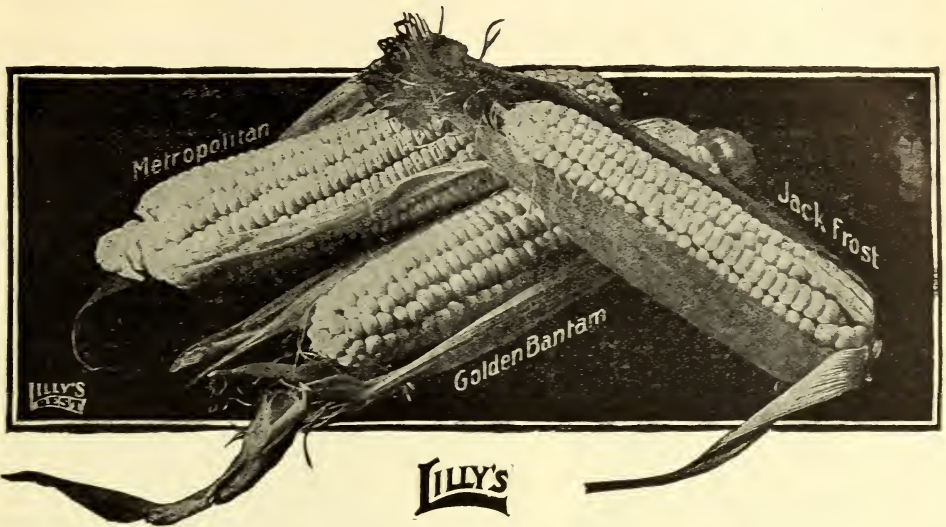
The Best Late Variety

G IANT WHITE is unequalled as a late winter celery. Like other winter celeries, it is not self-blanching, and must be blanched by banking with earth. On the Pacific Coast it may be left in the garden until wanted for market, and will be fit for use as late as March or April.

This variety is unexcelled in keeping qualities; grows very tall but with large solid stalks; makes a splendid appearance; and when properly blanched is pure white and the flavor is delicious, the stalks being so tender and crisp that they will almost break with their own weight.

Sold only in sealed packages.

Pkt., 10c; oz., 75c; ¼ lb., \$1.75; lb., \$5.00, postpaid.



SWEET CORN BEST SUITED TO THE PACIFIC COAST

JACK FROST

THE very earliest corn grown, and peculiarly adapted to the climate of the Pacific Coast, where it was originated by us, and where the seed is still grown. This explains why it thrives so much better than corn imported from the East, where climatic conditions are vastly different. Cobs are small, and kernels have a delicate flavor and melting tenderness, and remaining so longer than any other

variety. Many of our customers plant this corn in succession, preferring it to the later main-crop varieties. The stalks are dwarf, admitting of very close planting, and produce wonderfully, bearing two to five ears each.

Sold only in Sealed Packets. Pkt., 15c; 2 pkts., 25c, prepaid.

By express or freight same price.

METROPOLITAN

FOR the Pacific Northwest there is no Sweet Corn that has proven itself a greater favorite and deserving of more general use than Metropolitan. It is one of the very best sweet corns for the Northwest; it is early as the Red Cory and the ears are large as Stowell's Evergreen. Lilly's Select Stock of Metropolitan Sweet Corn is especially adapted to

the Puget Sound country, and is the corn for the early market. Try it this season and you will be more than pleased. The ears are large and well formed and the kernels plump and deliciously sweet.

Pkt., 10c; 1b., 25c, prepaid.

By express or freight, not prepaid: Pkt., 10c; 1b., 15c; 10 lbs., \$1.20; 100 lbs., \$9.00.

GOLDEN BANTAM

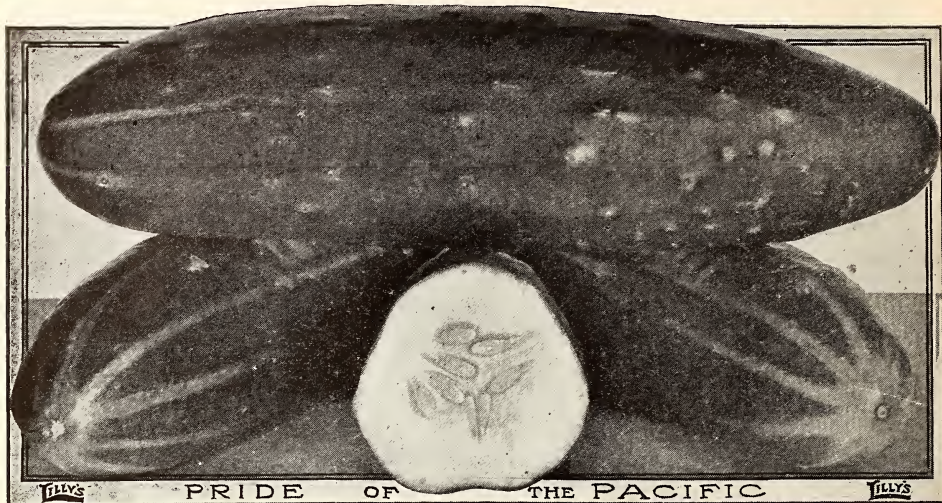
ONLY excelled by Jack Frost in earliness, and is the sweetest Sweet Corn grown. Ears are short and fat, compactly filled with kernels, which, when ready for the table, are creamy yellow, lusciously sweet, tender and milky. Is very hardy

and may be planted earlier than most varieties, and is well adapted to our cool summers.

Pkt., 10c; 1 lb., 25c, prepaid.

By express or freight, charges paid by you: Pkt., 10c; 1b., 15c; 10 lbs., \$1.25; 100 lbs., \$12.00.

LILLY'S Pride of the Pacific Cucumber



PRIDE OF THE PACIFIC is an improvement over all others of the White Spine family, and has only been brought to its present state of perfection by the most careful methods of cultivation and selection. It is positively the best variety for green-house culture, and is unsurpassed for growing outdoors, either for market or for home use. The hardy, vigorous

vines produce an enormous crop of smooth, dark green, handsome fruit, measuring ten to eighteen inches long. The fruit is always straight, perfectly formed, remains green until ripe, and is very solid. When sliced, you will find the flesh of a transparent, sparkling white, firm, crisp, and of the most delicious flavor. Sold only in sealed packages.
Pkt., 10c; Oz., 20c; ¼ lb., 65c; 1b., \$2.00, postpaid.

LILLY'S Pickling Cucumber

AN EXCEPTIONALLY good cucumber for pickling. The vines are hardy, vigorous, and produce an abundance of cucumbers in clusters. The fruit is short, rather thick, very symmetrical, crisp and of the most delicious flavor. It is the best for large pickles, or

when pickled young, for small gherkins. The young fruit possesses that distinctly roughened surface so greatly desired for small pickles.

Sold only in sealed packages.
Pkt., 10c; Oz., 20c; ¼ lb., 60c; 1b., \$1.75, postpaid.

Davis' Perfect Cucumber

THE originator of this new variety experimented for many years in an endeavor to produce a perfect cucumber for both forcing under glass and for outdoor culture, and has finally fixed a "Perfect" type, combining quality, shape, color and productiveness. The fruit is long and slim, sometimes measuring twelve inches in length, and the color is a rich, dark, glossy green, which they hold until nearly ripe, when they

turn white instead of yellow. The flesh is very tender, brittle, and of fine flavor.

Lilly's Select Stock, sold only in sealed packages.
Pkt., 10c; Oz., 20c; ¼ lb., 50c; 1b., \$1.50, postpaid.

The Pride of the Pacific Cucumber beats any cucumber I ever raised. It took the Blue Ribbon at the Knappa Grange Fair.

MRS. J. S. LEE,
 Svensen, Ore.

Market Gardeners and others requiring Garden Seeds in very large quantities, please write for special prices.

If you are interested in poultry, write for a copy of our Poultry Book.

LILLY'S BROAD-LEAVED BATAVIAN ENDIVE (ESCAROLLE)

Hardy Winter Variety
Best for the
Pacific Coast

ENDIVE is an excellent salad vegetable, similar to lettuce, may also be cooked as greens, and by judicious planting may be had at all seasons of the year. It is extensively grown by market gardeners, especially for early spring use when lettuce is not to be had, but is not as generally grown in the home garden as it deserves to be.

Batavian Broad-Leaved Endive is especially adapted to conditions on the Pacific Coast, and is the best variety for late summer and fall planting, as it is very hardy, and west of the Cascades may be left in the garden until wanted for use

in any locality, and

during the winter or early spring. It is equally good for early spring or summer planting in any locality, and lasts longer. It may will stand dry, hot, summer weather much better than most varieties of lettuce, and lasts longer. It may be improved somewhat by tying the leaves together to bleach it.

Sold only in sealed packages. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50, postpaid.

LILLY'S EMERALD ISLE KALE (BORECOLE)

Hardest
Most Compact
Densely Curled

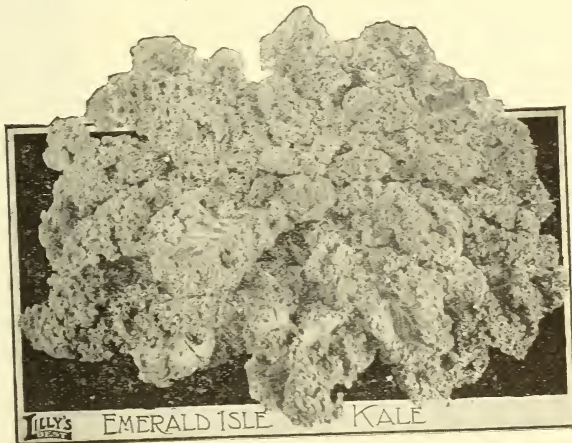
EMERALD ISLE is a comparatively new variety of Green Curled Winter Kale, and is most desirable on account of its hardiness, excellent quality, and beautiful appearance.

It is of medium height, the leaves are so finely fringed and curled as to resemble parsley, and of a beautiful rich, emerald green color.

This variety is so hardy that it is rarely injured by freezing, is improved by frost, and may be cut at any time during the winter.

The seed is generally planted in late summer or early fall, for fall, winter, and early spring use; but it may be planted very early in spring for summer use. It supplies splendid greens at times when greens are scarce.

Sold only in sealed packages. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00, postpaid.



Thousand Headed Kale is the best winter green feed for stock and poultry. See Field Seeds section.

LILLY'S FORCING LETTUCE

BEST

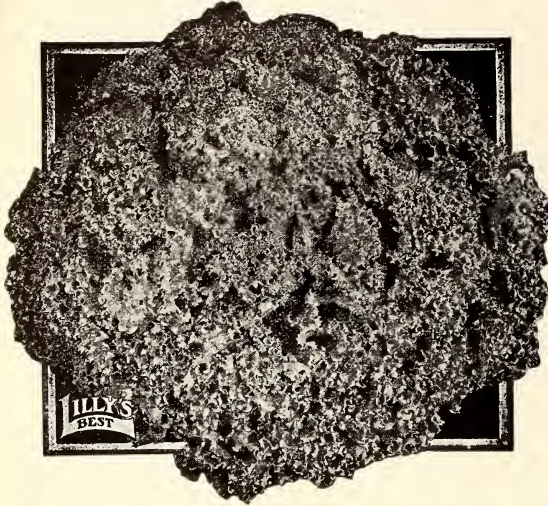
For Green-House Forcing
or
Extra Early Outdoors

FOR FORCING in green-house or cold-frames, or for extra early culture outdoors, Lilly's Forcing Lettuce has no equal. The plant grows upright; does not form heads, but makes a quick growth of large, thin, light green leaves; finely curled, crimped and savoyed; of handsome appearance and excellent quality.

It is not liable to rot; remains in condition for cutting for a considerable time; does not wilt quickly; and stands shipping better than most varieties, making it the best variety for winter forcing in green-house.

Sold only in sealed packages.

Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.25, postpaid.



NONPAREIL HANSON HEAD LETTUCE

LILLY'S

IMPROVED STRAIN

NONPAREIL HANSON is a highly improved strain of the always popular Hanson Head Lettuce, and is the finest variety of head lettuce for either market or home use for late summer.

The plant is compact, and forms large, solid, cabbage-like heads of the finest quality and flavor; remaining in good condition longer than most other sorts.

The outer leaves are bright yellowish-green; broad; somewhat crumpled and frilled at the edges; and with distinctive midrib. Inner leaves are white, very crisp, and sweet.

Sold only in sealed packages.

Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50, postpaid.

When seeds are to be shipped by express or freight, charges to be paid by you, deduct 10c per lb. from the prepaid price.



Lettuce, to be crisp and tender, must be grown quickly. Nitrate of Lime or Nitrate of Soda will produce wonderful results. Instructions for applying are contained in our Fertilizer Catalog, which will be mailed free on request, and in the Crop Book, which will be furnished with any order.

LILLY'S DELICIOUS LETTUCE

BEST

Early and Main Crop
Head Lettuce

THIS SPLENDID NEW VARIETY is very early, forming handsome, compact, firm heads of medium size and the finest quality earlier than any other head lettuce.

The color is a light yellowish-green, the outer leaves slightly tinged with reddish-brown, and the inner leaves, forming practically the entire head, blanching a rich golden-yellow, having a delicious, rich, buttery flavor peculiarly its own, and the thick leaves are tender and crisp.

Although generally used for early outdoor culture, and for succession, it is excellent for forcing, and is equally satisfactory for home use and for market, as the round, solid heads are so firmly folded that they

stand shipping well.

We especially recommend this variety for main crop, and if planted for succession, fine heads may be had all summer and fall.

Sold only in sealed packages. Pkt., 10c; o z., 20c; ¼ lb., 50c; lb., \$1.50, postpaid.



LILLY'S SPECIAL STRAIN

IMMENSITY LETTUCE

A Splendid Late Head
Lettuce

IMMENSITY LETTUCE, although of great size, is of splendid quality, and is tender, sweet and crisp. It is the largest lettuce grown, producing fine, solid heads, often three feet in circumference.

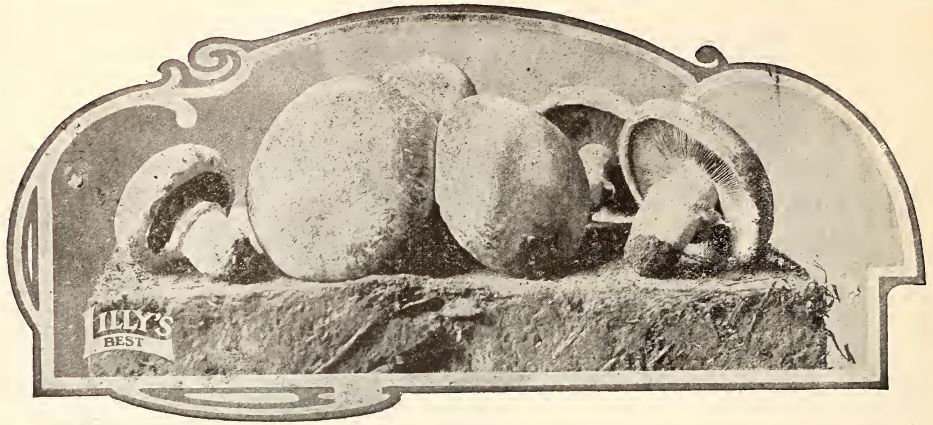
It has great heat resisting qualities, is slow to go to seed, and is very reliable for a late crop when other varieties are unfit for use.

Although of immense size, it is not coarse or bitter; even the outer leaves are tender.

Sold only in sealed packages.

Pkt., 5c; oz., 20c; ¼ lb., 50c; lb., \$1.50, postpaid.

Market gardeners and others requiring seeds in very large quantities, will please ask for special prices, giving a list of seeds and quantities wanted.



Pure Culture MUSHROOM SPAWN

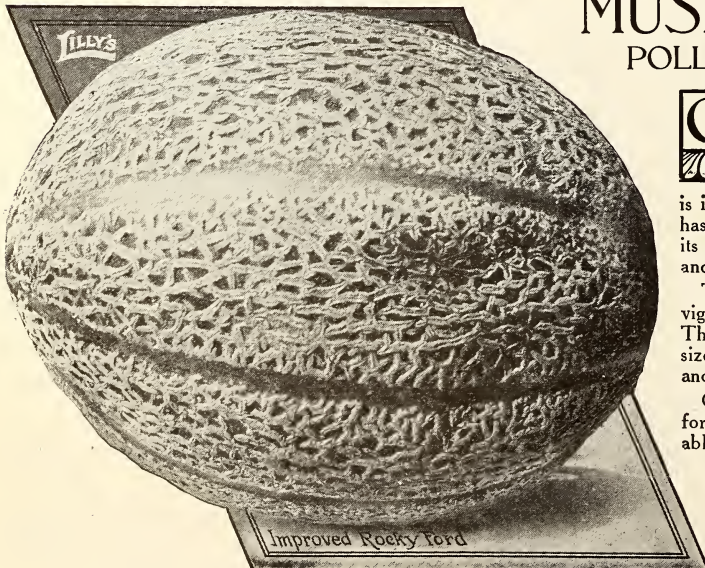
PURE CULTURE spawn is produced from mushrooms, instead of from other spawn, and bears the same relationship to the old-fashioned English spawn that a grafted tree does to a wild seedling. Mushrooms, properly grown, are a very profitable crop, and are not nearly so difficult to grow as most persons imagine. The

Crop Book contains cultural directions, or if more detailed information is desired, a good book on the subject is listed in last pages of this catalog. A brick of spawn weighs about $1\frac{1}{4}$ lbs., and is sufficient for one square yard of bed.

Price, 25c per brick; 5 bricks \$1.00. Postage 15c per brick additional.

For larger quantities, write for prices.

LILLY'S IMPROVED ROCKY FORD MUSKMELON POLLOCK STRAIN



ONLY ROCKY FORD Cantaloupes are served in the best hotels, and when it can be procured, no other melon is in demand in the markets. It has become world-famous for its sweet, luscious, melting flesh and delicious flavor.

The vines are healthy and vigorous, and bear abundantly. The melon is oval, of medium size, rich greenish, golden color, and beautifully netted.

Our seed is grown specially for us by one of the most reliable growers in Rocky Ford, Colorado, and is the famous Pollock Strain.

Oz., 10c; $\frac{1}{4}$ lb., 40c; lb., \$1.25, postpaid.

By express, not prepaid, lb., \$1.15; 10 lbs., \$10.00.

LILLY'S KING AND QUEEN WATERMELON

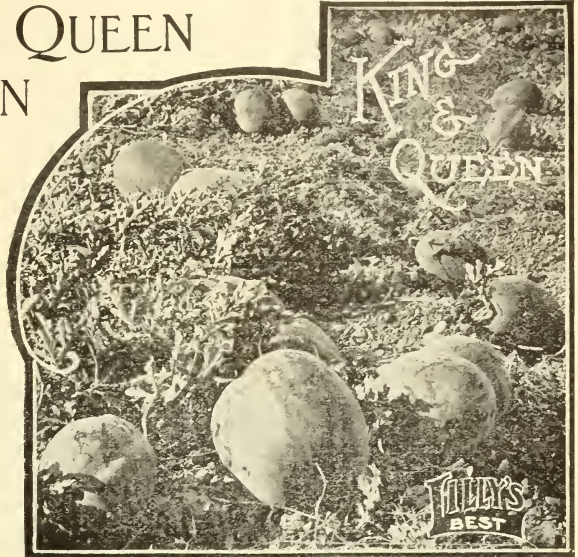
Best for Market

KING AND QUEEN is the best watermelon for market and for shipping. The fruit is of uniform, medium size; round; smooth, and of fine appearance. It is very early, and yields prodigiously. The flesh is a beautiful bright red, crisp and of delicate texture, granulated, cool and sparkling. It has very few seeds, the heart is solid, and the fine quality is sustained clear to the rind.

Sold only in sealed packages.

Oz., 10c; 1/4 lb., 35c; lb., \$1.25, postpaid.

By express or freight, charges paid by you, oz., 10c; 1/4 lb., 35c; lb., \$1.15; 10 lbs., \$10.00.



LILLY'S SWEET AS HONEY WATERMELON

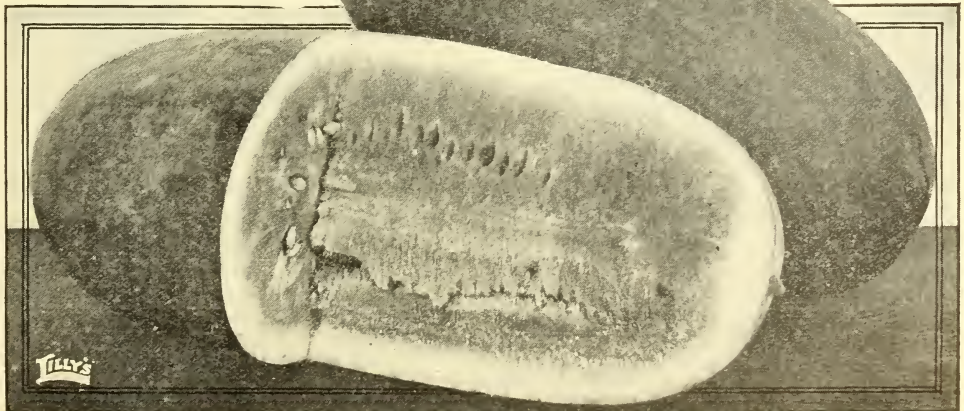
Unequaled for Home Use

THE BEST and most delicious of all early watermelons for the home garden. Especially adapted to the Northwest. Medium in size, oblong in form, and the skin is a rich, dark green. The flesh is bright scarlet clear to the rind, and entirely free from stringiness. The seeds lie close to the rind, leaving a very large, solid core, lusciously sweet, crisp and melting. The rind is too thin to make it a

good long-distance shipper, but for home consumption, or for nearby markets, it is unequaled, especially for the country west of the Cascades, where only the earliest melons can be made to mature.

Sold only in sealed packages.

Pkt., 10c;
1/4 lb., 35c; lb.,
\$1.25; post-
paid.

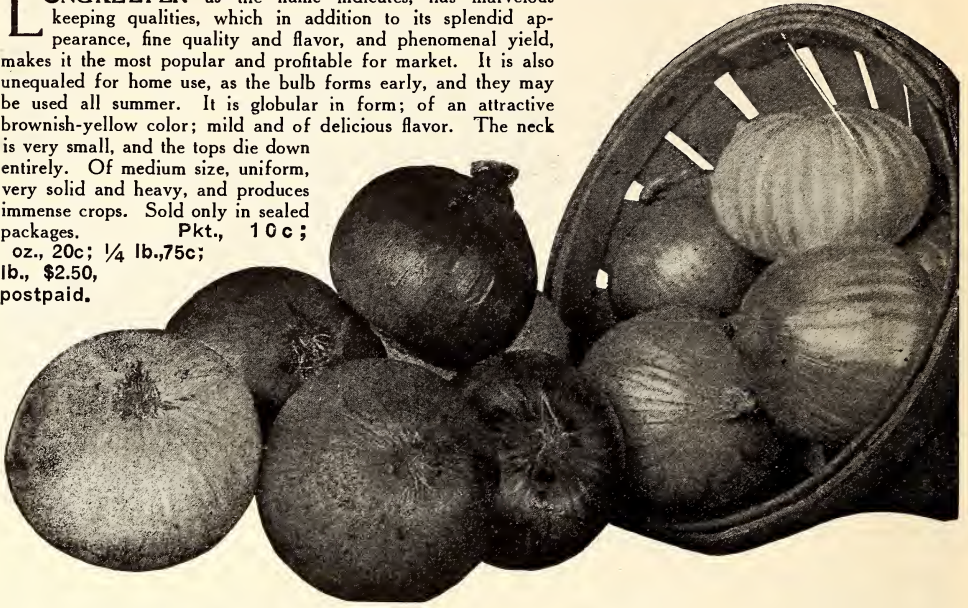


LILLY'S LONGKEEPER ONION

Best for Home or Market in the Northwest

LONGKEEPER as the name indicates, has marvelous keeping qualities, which in addition to its splendid appearance, fine quality and flavor, and phenomenal yield, makes it the most popular and profitable for market. It is also unequalled for home use, as the bulb forms early, and they may be used all summer. It is globular in form; of an attractive brownish-yellow color; mild and of delicious flavor. The neck is very small, and the tops die down entirely. Of medium size, uniform, very solid and heavy, and produces immense crops. Sold only in sealed packages.

Pkt., 10c;
oz., 20c; ¼ lb., 75c;
lb., \$2.50,
postpaid.



LILLY'S WESTERN WETHERSFIELD

The Best Red Onion

AN IMPROVED strain of the Wethersfield, acclimated to the Pacific Coast, and as popular in the west as the Red Wethersfield is in the east. We highly recommend it for those who wish a large red onion. In shape it is flattened like the Red Wethersfield, it is very large, and our Select

Stock seed produces large crops, free from necky or misshapen bulbs. The color is a rich dark red, the flesh is a sparkling purplish-white, and the flavor is good. Sold only in sealed packages.

Pkt., 10c; oz., 20c; ¼ lb., 75c; lb., \$2.50,
postpaid.

LILLY'S SELECT STOCK PRIZETAKER

PRIZETAKER is recognized as one of our best standard varieties, but the seed must be genuine Prizetaker. Our Select Stock seed is grown with special care, and produces bulbs enormous in size and prodigious in yield. It is the largest onion grown in this country, and almost equal to the mammoth Spanish onions. The skin is pale yellow, and the flesh clear, sparkling white.

Sold only in sealed packages.
Pkt., 10c; oz., 20c; ¼ lb., 75c; lb., \$2.50,
postpaid.

LILLY'S WHITE QUEEN

For Pickles or Green Onions

THIS is the variety used by all the big pickle factories of this country. It is also a favorite for the home garden and market garden, because young onions can be produced from seed nearly as early as from onion sets. They are extra early; very small; round; not necky; handsome; and very hard and crisp. The color is a beautiful waxy white, and the flavor deliciously mild.

Sold only in sealed packages.
Pkt., 10c; oz., 20c; ¼ lb., 75c; lb., \$2.50,
postpaid.

Market Gardeners and others using very large quantities, please ask for special prices.

LILLY'S

ONION SETS

Yellow Danvers Bottom Sets

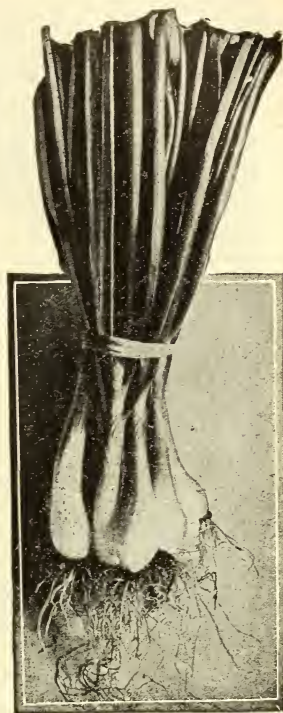
OUR ONION SETS are northern grown; hardy, handsome, small, and of uniform size. We grow only the Yellow Danvers sets, as that variety has proved to be the best for this purpose.

These sets, if planted very early, will produce the earliest green onions. On the Pacific Coast they may be planted in the fall, or any time during the winter or early spring.

They will also produce mature onions, but for that purpose seed is generally sown.

Price, before April 1st, 12½c per lb. Postage 10c per lb. additional. Prices generally advance about April 1st.

If wanted in large quantities, write for prices.



LILLY'S

PALO ALTO PARSNIP

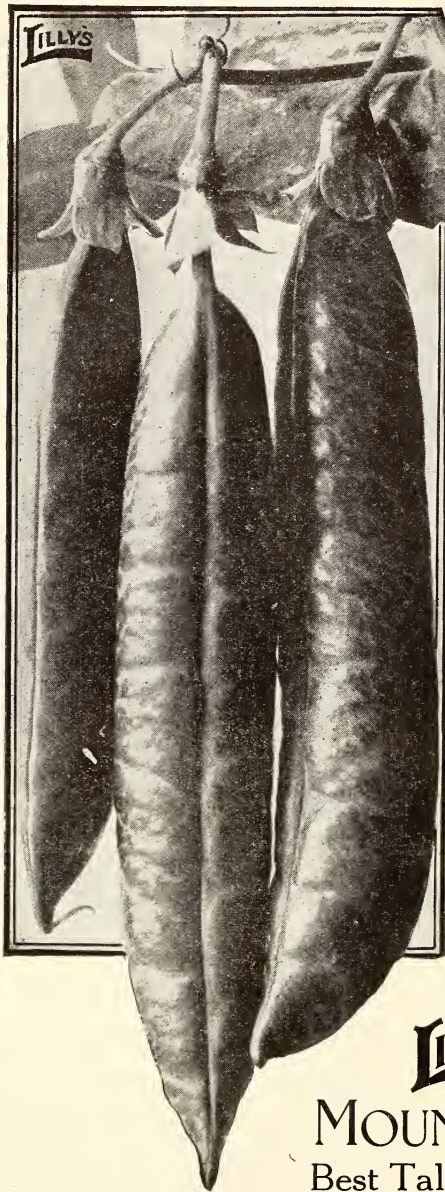
The Highest Improved Type

PALO ALTO is a particularly fine and improved strain, and is a favorite with all our customers. The flesh is white and of fine texture, tender, free from core and stringiness, and of superior flavor, sweet and rich. One of the finest table vegetables for winter use. It is very hardy, and may be left in the ground all winter, or until wanted for use. Frost improves the quality and flavor.

If grown in favorable soil, the roots are smooth, well rounded and tapering. They are heavy at the shoulder, and are half-long, rendering them easy to harvest. This parsnip yields immense crops, and in addition to being the most delicious table parsnip grown, is a splendid stock food. There is no other to compare with it.

Sold only in sealed packages. Ounce, 10c; ½ lb., 30c; lb., \$1.00, postpaid. By express, not prepaid, 90c per lb.

If you do not receive a copy of our new Poultry Book before the end of February, write for a copy; it is free, and you cannot afford to be without it.—It contains many valuable hints on hatching, feeding, marketing, etc.



LILLY'S

GRADUS

Extra Early Large Wrinkled
Pea—The Original Strain
Acclimated on the
Pacific Coast

THIS GRAND, extra early pea has no superiors, and is equaled only by Thomas Laxton. It is practically as early as the little, hard, smooth, round peas generally grown for extra early, and is so much better in every other way that it is fast superseding them for first crop. It is also equal in quality to any of the late or main crop varieties, and for early, medium and late we recommend successive plantings of this variety exclusively.

The vines grow two and one-half to three feet in height, and it is not absolutely necessary that they be supported, although it is better to support them on a trellis of wire, brush, or poultry netting, if convenient.

The pods are grown in great profusion, and are uniformly large, handsome, and are filled with six to ten large, wrinkled peas, very sweet, and of the most delicious flavor; as large, sweet and tender as the best of the late peas; which, in addition to extreme earliness, makes them the acme of perfection.

Lilly's select stock, grown from the original strain, acclimated in the Northwest. Sold in sealed packages only.

Pkt., 10c; ½ lb., 20c; lb., 30c, postpaid.

By express or freight, not prepaid, pkt., 10c; ½ lb., 15c; lb., 20c; 10 lbs., \$1.75.

LILLY'S

MOUNT RAINIER

Best Tall Main Crop Pea

ASPLENDID late or main crop pea, excellent for home use, and especially popular with market gardeners, on account of immense yield, and size and quality of the peas. It is a product of the Pacific Coast, where, by careful selection, it has reached the highest state of perfection. The vines grow about five feet high, and are literally loaded

with dark green pods, each filled with six to ten large, wrinkled, succulent peas of the most delicious flavor.

Sold only in sealed packages.

Pkt., 10c; ½ lb., 20c; lb., 30c, postpaid.

By express or freight, not prepaid, pkt., 10c; ½ lb., 15c; lb., 20c; 10 lbs., \$1.75.

Write for a copy of **LILLY'S** FERTILIZER BOOK; it is interesting, and is free.

LILLY'S

THOMAS LAXTON EXTRA EARLY PEA

As Early as the Earliest
As Good as the Latest

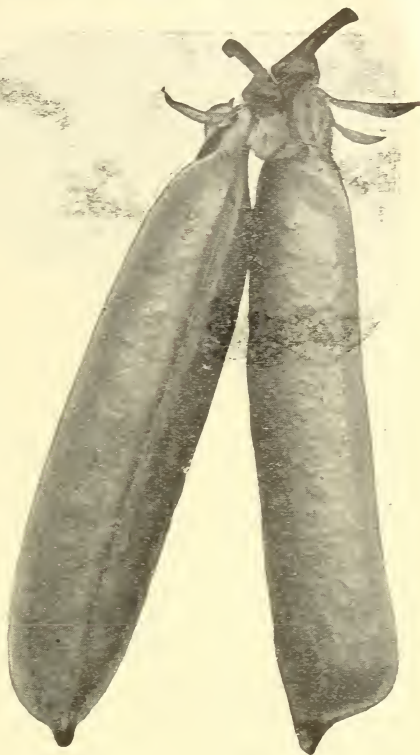
THOMAS LAXTON PEAS are very similar to Gradus in every way except the shape of the pods, the ends of which are square, and the pods and vines are a darker green. It is almost as early as the round, smooth varieties; and the large, wrinkled, dark green peas are sweet, tender, delicious, and are unexcelled in quality by any of the late varieties.

The vines grow about three feet high, and produce an abundance of large pods containing seven or eight peas. They are quite hardy, and on the Pacific Coast may be planted in the fall, producing peas much earlier than if planted in the spring.

Our seed is grown in the Puget Sound country, from the original strain imported from England, and not only has not deteriorated, but has actually improved. Sold only in sealed packages.

Pkt., 10c; 1/2 lb., 20c; lb., 30c, postpaid.

By express or freight, not prepaid, pkt., 10c; 1/2 lb., 15c; lb., 20c; 10 lbs., \$1.75.



LILLY'S

WASHINGTON WONDER Best Dwarf Early Pea

AN OLD-TIME FAVORITE, and a splendid extra early dwarf pea, growing only about sixteen inches high, and requiring no support if sown in double rows. It is quite prolific, and produces a good crop of well filled pods containing six to nine good sized, wrinkled peas of excellent flavor.

It is sufficiently hardy to be sown in the fall on well drained soil, producing peas nearly a month earlier than spring sown seed.

Washington Wonder is as early as any of the extra early smooth varieties, and very much superior in quality and flavor. Its dwarf habit, not requiring support, makes it a favorite with many of our customers. Sold only in sealed packages.

Pkt., 10c; 1/2 lb., 20c; lb., 30c, postpaid.

By express or freight, not prepaid, pkt., 10c; 1/2 lb., 15c; lb., 20c; 10 lbs., \$1.75.



LILLY'S FERTILIZER CATALOG is not merely an advertisement for our commercial fertilizers, but is a treatise on soils and fertility, and will be useful whether or not you intend to purchase fertilizers. We will mail you a copy free if you wish it.



LILLY'S EARLIEST OF ALL

A DELICIOUS
BREAKFAST RADISH

A VERY SUPERIOR extra early forcing radish, equally good for early outdoor culture. It is small, very uniform, round, and the color is bright scarlet with a distinct and attractive white tip, and very small tap-root.

It is very early, and when properly grown will be ready for use in about twenty days after the seed is sown. The flesh is sparkling white, mild, crisp and tender. Sold only in sealed packages.

By mail, postpaid, ounce, 10c; $\frac{1}{4}$ lb., 30c; lb., 85c.

LILLY'S

WHITE ICICLE

The Best Long White Radish

THE FINEST early long white radish. It matures nearly as quickly as the early turnip-shaped varieties, and remains in good condition longer than any other early variety.

The tops are very small, and the roots long, slender, pure white, and very attractive. Equally desirable for home use or for market.

The flesh is not only crisp, tender, sweet and delicious when young, but remains in that condition until the roots have attained large size, requiring less frequent planting for succession.

Our seed is carefully grown and selected, and is sold only in sealed packages.

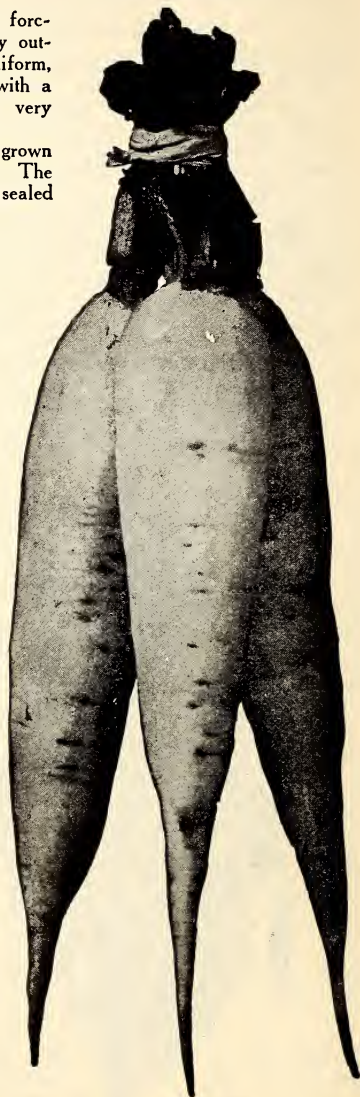
By mail, postpaid, ounce, 10c; $\frac{1}{4}$ lb., 30c; lb., 85c.

LILLY'S SEEDS ARE TESTED

We maintain a very complete Seed Testing Laboratory, where samples from various parts of each sack of each lot of seed is carefully tested for both germination and purity before being offered to our customers.

An article on the importance of purchasing only tested seeds appears in the Crop Book. We also publish a pamphlet explaining how seeds are tested, which we will mail free on request.

Properly tested seeds can be procured from but a very few of the highest-class seedsmen.



LILLY'S

SPRAY BOOK tells how to control Cut Worms and Root Maggots.



LILLY'S

CRIMSON GIANT

The King of All Early Turnip Shaped Radishes

CRIMSON GIANT is double the size of any other variety of the early turnip shaped type, often six inches or more in circumference, but notwithstanding its great size it does not become hollow or pithy; the flesh remaining sparkingly white, solid, crisp, tender and juicy, and of the mildest flavor, for a much longer period than any other. It

By mail, postpaid, ounce, 10c; $\frac{1}{4}$ lb., 30c;

is equally suitable for forcing or for early planting out doors, and for succession.

The shape varies from round to oval, but the bright, deep crimson color of the skin is always the same, and the texture and flavor is unequalled.

Our seed is grown and selected with special care, and is sold only in sealed packages.

lb., 85c. Not postpaid, 75c per lb.

Radishes, to be good, must be grown quickly. This can be accomplished by the proper application of Nitrate of Soda. The Crop Book tells how to do it, and will be furnished free with any order for any of our goods, regardless of amount, if asked for with the order. It will not be furnished free except with orders, and it not for sale at any price.



LILLY'S

TRIUMPH RADISH

A Novelty With Merit

THIS RADISH IS A NOVELTY, and decidedly unique in color, which is entirely different from any radish heretofore grown, making it an ornament on the table, in addition to being of excellent quality. It is striped horizontally with bright scarlet on a background of pure white.

It is very early, maturing in about twenty days from time of planting. The form is globular, the tops short, and the flesh very crisp, solid, and of mild flavor.

It should be grown in every private garden, and market gardeners will find a ready sale for it on account of its superior quality as well as its distinctive appearance. Sold only in sealed packages.

Ounce, 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00, postpaid.

When seeds are to be shipped by express or freight, not prepaid, deduct 10c per lb. from prepaid price.

LILLY'S SQUASH



HUBBARD

LILLY'S Superior Strain

HIS is an improved strain of the old favorite which has been with us so long, and is still king of all winter squash. It is unequaled for baking, splendid for pies, and is the best winter keeper.

Sold only in sealed packages.

Oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00, postpaid. By express or freight, not prepaid, lb., 90c; 10 lbs., \$7.50.

DELICATA

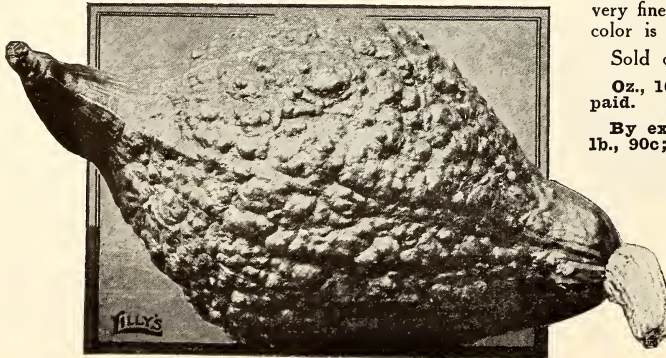
For Summer or Winter

DELICATA is earlier than any other vine squash, being ready for use nearly as early as the bush varieties, and it is supplanting those varieties, as it is far superior in quality and flavor. It is as dry, sweet and deliciously flavored as any winter squash, and if properly stored will keep nearly as long as the Hubbard. Although not large, it is very solid and heavy, and bears remarkably, as shown in above half-tone. The seed cavity is very small, and the flesh very fine grained, rich and delicious. The color is orange striped with dark green.

Sold only in sealed packages.

Oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00, postpaid.

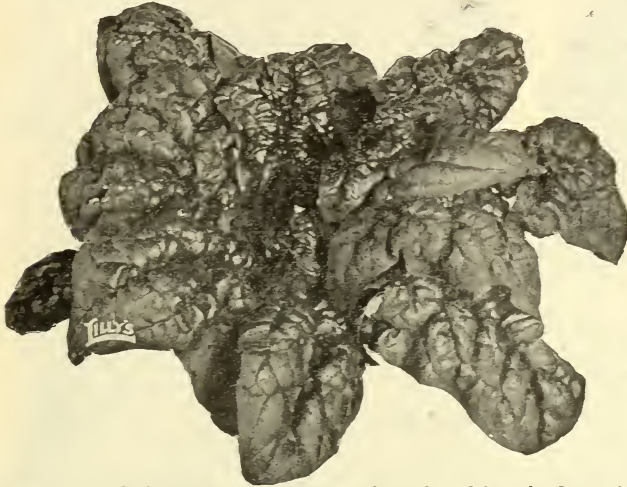
By express or freight, not prepaid, lb., 90c; 10 lbs., \$7.50.



I feel that you fail to give sufficient prominence in your catalog to your strain of Delicata Squash. I grew this squash in the East, from eastern seed, and thought that I knew the strain, but plants grown from your seed were a revelation to me—such production, flavor and size—for with us some of the squashes were as large as medium sized watermelons.

MRS. MORGAN EMERY,
Matlock, Wash.

LILLY'S MAMMOTH VICTORIA SPINACH



Long-Standing
Tender
Delicious

SPINACH is one of the best of the vegetables grown for greens, and Mammoth Victoria is a very superior variety. It is especially good for early spring and successive plantings for summer use, but is also an excellent variety for fall planting for winter and early spring use.

Mammoth Victoria is a long-standing variety, very slow in going to seed, and remains in an edible condition much longer than others.

The long, pointed leaves have very small midribs, are of a deep

green color, thick, fleshy, heavily crimped, tender, delicately flavored, and delicious. Our seed is carefully grown and selected, and is sold only in sealed packages.

By mail, postpaid, pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 60.

LILLY'S LUCULLUS SWISS CHARD SPINACH BEET

LUCULLUS is the newest, largest, and best variety of Swiss Chard or Spinach Beet; with large yellow leaves finely crinkled, and with broad, white, tender midribs.

Swiss Chard is a type of beet grown for its large, tender, succulent leaves and stems. The thick, fleshy leaf-stalks are cooked and served like asparagus, and are most delicious. The leaves are boiled like spinach, making excellent greens.

The seed is planted early in spring, like beets, and the tops are cut off as wanted during the summer. New, tender shoots spring up quickly after the tops have been cut off, so that it is not necessary to make successive plantings, and a few short rows in the garden will supply all that a family can use.

It is ready for use early in summer, continues until killed by freezing weather, and comes up again very early the next spring. A new crop should be planted each spring, for that planted the previous year is liable to go to seed during the summer.

Our seed is specially grown for us, carefully selected, and is sold in sealed packages only.

Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c, postpaid. Not postpaid, 50c per lb.



Any varieties listed among our Specials may be depended upon as being best for the Northwest.

LILLY'S

PUGET SOUND SPECIAL Tomato

LILLY'S
BEST

PUGET SOUND SPECIAL

**A
Tomato
that will
Mature
on the
Pacific
Coast.**

PUGET SOUND SPECIAL is not only very early, but is also positively the best tomato that will mature west of the Cascades. It is equalled in earliness only by Earliana, producing ripe fruit by July 4th, and is of particularly fine quality, which is very rare in an early tomato. The flesh is solid, meaty and of delicious flavor, with few seeds and no hard core or watery, pulpy cavities. It is a heavy yielder of splendid, firm fruits, which, although not perfectly round, are of good shape and rich red color. It is the best early tomato for any locality, and if you are located in

Western Washington or Western Oregon we would advise you to plant Puget Sound Special exclusively, for both early and late fruit.

Sold only in sealed packages. Pkt., 10c; oz., 40c; ¼ lb., \$1.25; 1b., \$4.00. Postpaid.

We can furnish Fancy Pot-grown Plants of this variety, also good plants grown in the ordinary manner, after May 1st, as described in Plants Section.

The Crop Book contains some good articles on Tomato Culture. It will be furnished free with any order, regardless of amount, if asked for. If requested, we will furnish Littooy's "Early Tomato Culture" free with an order for one-half pound or more of tomato seed. Price is 25c.



SPARK'S

Earliana TOMATO

The Earliest Variety Grown

ALTHOUGH the very earliest variety of tomato, it produces large clusters of medium size, deep red fruit, uniform size and of good shape; very solid and of fine flavor. It is the standard variety for greenhouse forcing, and is only excelled by Puget Sound Special for outdoor culture on the Pacific Coast.

Lilly's Select Stock. Sold only in sealed packages. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00. Postpaid.

I have used your seed for the past three years, and have always found them excellent. The Puget Sound Specials came up fine.
W. S. TIPTON,
Bremerton, Wash.

Last year I raised just lots of tomatoes from your Earliana seed. I always have good luck with all the seeds we get from you.

MRS. T. T. FITZGERALD,
Dyer, Wash.

THE SPRAY BOOK

WE PUBLISH A SPRAY BOOK which, besides containing descriptions of the complete line of Spray Machinery and Spray Materials handled and manufactured by us, also contains a Spray Calendar and much useful information in regard to spraying. If you are growing fruit, vegetables, grain, lawn, roses, flowers, or anything which is subject to insect or fungus pests, you should have it. We will be glad to mail it to you.

PONDEROSA
SELECT STOCK

ASPLENDID VARIETY of magnificent size, often attaining a circumference of eighteen inches and weighing from two to four pounds. It is perfect in form, free from wrinkles, does not crack, smooth as glass and as solid and meaty as beefsteak. Ponderosa is of delicious flavor, rich when sliced, and splendid for canning. The plant is luxuriant, healthy, independent of drought, free from blight and a continuous and prolific bearer. As it is not early, and cannot be depended upon to mature west of the Cascades, we do not recommend it for Western Washington or Western Oregon.

Sold only in sealed packages. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.50. Postpaid.

LIVINGSTON'S

CORELESS

A Splendid New Variety

ANEW and very superior variety, distinct from all others, and excelling in many important points. It is the most perfect shaped canning tomato ever produced, large size, almost perfectly round, full at the stem end, bright red color, a strong grower and big cropper. Always free from hard, green core. A good slicing variety, the seed cells being surrounded by bright red, heavy, meaty and delicious flesh, which is slightly acid. The bright, rich red color is important to packers. It ripens all over and through and right up under the stem, all at the same time. It is one of the best long distance shippers.

Sold only in sealed packages. Pkt., 10c; oz., 35c; ¼ lb., \$1.50; lb., \$5.00. Postpaid.

If you wish a garden that you may be proud of, use **LILLY'S** COMPLETE FERTILIZERS.

LILLY'S

SNOWBALL

The Finest White Table Turnip
Early, Tender, Crisp, Delicious

THIS DELICIOUS TURNIP is the best early white variety grown. It is equaled in earliness only by Extra Early White Milan, to which it is in every other way superior. It is ready for use six weeks after the seed is sown; is small, uniform in size and form, which is almost perfectly globular. The skin is smooth, white and thin; and the flesh is pure sparkling white, sweet, tender, crisp and delicious. Sold only in sealed packages.

Oz., 10c; ¼ lb., 20c; lb., 60c, postpaid.

LILLY'S

GOLDEN WEST

The Best Early Yellow Turnip

THE FINEST yellow fleshed early table turnip in cultivation. The bulb is small, round, smooth and handsome, with yellow skin and small tap-root. The flesh is deep yellow, fine grained, tender, sweet and rich; and the flavor is unequalled. It is of quick growth, and is adapted for either spring, summer, or early fall planting.

Sold only in sealed packages. Oz., 10c; ¼ lb., 20c; lb., 60c, pastpaid.

LILLY'S SPECIAL STRAIN

EXTRA EARLY WHITE MILAN

The Earliest White Table Turnip

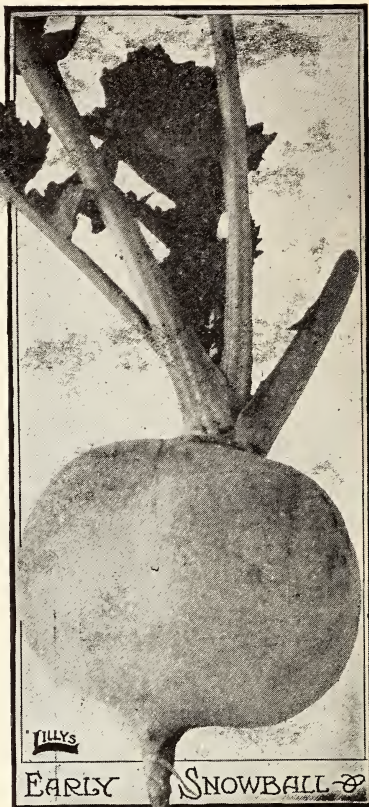
AN EXCELLENT table turnip, and the earliest of all varieties, adapted for very early spring planting. The tops are small; the bulbs of medium size, flattened, and ivory white in color. The flesh is fine grained, tender, and of a mild, sweet

flavor. It remains in good condition for a long period of time, and does not become pithy or stringy. Lilly's Special Strain, sold only in sealed packages.

Ounce, 10c; ¼ lb., 25c; lb., 70c, postpaid.

LILLY'S CROP BOOK

The Crop Book is a ninety-six page, six by nine inch book, full of useful information in regard to the vegetable garden, flower garden, lawn, farm, etc., compiled from Government bulletins and other reliable sources of information; also containing many original articles written especially for it by men who are authorities on the subjects handled. We do not give this book free, neither is it for sale at any price, but we will furnish it free with any order, regardless of the amount, if asked for with the order.





LILLY'S VEGETABLE SEEDS

ARTICHOKE

One ounce will produce 500 plants.

By Mail, Postpaid					Not Prepaid		
Pkt.	Oz.	$\frac{1}{4}$ lb.	$\frac{1}{2}$ lb.	1 lb.	1 lb.	lbs.	lbs.
.05	.40	1.25	2.25	4.00	3.90	.....	.....

LARGE FRENCH GREEN GLOBE. See Specialties...
Jerusalem. Tubers. See Farm Seeds Section.....

ASPARAGUS

One ounce for 500 plants. 1 lb. per acre.

COLUMBIA MAMMOTH WHITE. See Specialties... Colossal. A splendid variety; productive and of fine quality .....	.05	.10	.25	.45	.85	.75	.....
Palmetto. Early, prolific, and of large size.....	.05	.10	.20	.35	.65	.55	.....
	.05	.10	.20	.35	.65	.55	.....

BEANS: Dwarf, Wax or Yellow-Podded

One pound to 100 feet of drill. 50 lbs. per acre.

GOLDEN JERSEY WAX. See Specialties.....	.10	.....	.....	.....	.30	.20	1.50 14.00
JONES' STRINGLESS WAX. See Specialties.....	.10	.....	.....	.....	.30	.20	1.75 16.00
Prolific Black German Wax. The earliest of the wax Beans. Pods of medium length, generally curved. Fine quality, stringless and tender.....	.10	.....	.....	.....	.25	.15	1.25 11.50
Davis White Kidney Wax. Immensely productive. Good either green or as a dry bean.....	.10	.....	.....	.....	.30	.20	1.50 14.00
Golden Wax. A standard wax variety; medium early. The pods are stringless, very tender, and of excellent quality .....	.10	.....	.....	.....	.25	.15	1.35 12.50
Wardwell's Kidney Wax. A splendid wax bean. The pods are long, flat, delicate waxy-yellow, stringless and brittle .....	.10	.....	.....	.....	.25	.15	1.35 12.75
Flageolet Wax. Excellent for either home use or market; very early and unusually free from rust. The pods are flat, often twelve inches long; succulent and tender. Very productive.....	.10	.....	.....	.....	.35	.25	1.75 15.00

BEANS: Dwarf or Bush Green-Podded

One pound to 100 feet of drill. 50 lbs. per acre.

LONGFELLOW. See Specialties.....	.10	.....	.....	.....	.30	.20	1.50 14.00
Refugee, or 1,000 to 1. A popular medium to late variety; very productive, and the pods are handsome and tender. Extensively grown for pickling .....	.10	.....	.....	.....	.25	.15	1.15 10.00
Burpee's Stringless Green Pod. A very early and hardy stringless green-podded bean. The pods are round, straight, and about five inches long.....	.10	.....	.....	.....	.25	.15	1.25 12.00

CROP BOOK contains cultural directions. Furnished with any order if requested.

BEANS: Dwarf or Bush Green-Podded—Continued

	By Mail, Postpaid				Not Prepaid	
	Pkt.	Oz.	$\frac{1}{4}$ lb.	$\frac{1}{2}$ lb.	1 lb.	$\frac{10}{lbs.}$ $\frac{100}{lbs.}$
Horticultural Dwarf. A bush variety of the popular Tall Horticultural. A fine small bean.....	.10	...	...	...	.30	.20 1.50 14.00
Improved Red Valentine. Very early; practically stringless; full round, meaty pods.....	.10	...	...	...	.25	.15 1.25 11.50
Long Yellow Six Weeks. Early, productive, and of excellent quality; pods often eight inches long...	.10	...	...	...	.25	.15 1.25 11.00

BEANS: Pole or Climbing

One pound to 150 hills. 15 lbs. per acre.

CARMINE POLE. See Specialties.....	.10	...	...	...	.30	.20 1.80 17.00
Indian Chief, or Tall Black Wax. An old favorite, producing tender, succulent pods in great abundance.....	.10	...	...	...	.25	.15 1.25 11.00
White Creasback. An excellent early pole bean; productive, stringless, tender, and of superior quality. The mature beans are white, and are good shelled.....	.10	...	...	...	.25	.15 1.35 12.00
Kentucky Wonder, or Old Homeslead. One of the best pole beans, excelled only by Lazy Wife for the home garden.....	.10	...	...	...	.25	.15 1.35 12.00
White Dutch Case-Knife. A good pole bean, but not a very vigorous grower.....	.10	...	...	...	.25	.15 1.35 12.00
Tall Horticultural, or Speckled Cranberry. An old and popular variety, useful either as a snap bean or as a dry shelled bean.....	.10	...	...	...	.25	.15 1.35 12.00
Lazy Wife. The most popular pole bean for the home garden. The pods are broad, thick, and stringless.....	.10	...	...	...	.30	.20 1.50 14.00
Scarlet Runner. Popular for both ornamental and culinary purposes. Grows about ten feet high, bearing large scarlet flowers followed by large green-podded beans; excellent either as snap or shelled beans.....	.10	...	...	...	.35	.25

BEANS: Lima

One pound to 100 hills.

King of the Garden, or Large White Lima. The standard pole lima bean, but not so well adapted to the Northwest as the bush varieties.....	.10	...	...	...	.30	.20 1.60 15.00
Burpee's Bush Lima. A medium early bush lima bean, growing about twenty inches high, and bearing exceptionally large pods and beans of fine quality.....	.10	...	...	...	.30	.20 1.60 15.00
Dreer's Bush Lima. A splendid bush variety; vigorous, and bearing liberally large, thick, sweet, succulent beans.....	.10	...	...	...	.30	.20 1.60 15.00
Henderson's Bush Lima. The earliest of all bush lima beans, and two weeks earlier than any of the pole varieties. The beans are small, but of delicious flavor and very productive.....	.10	...	...	...	.30	.20 1.60 15.00

BEETS

One ounce to 50 feet of drill. 5 lbs. per acre.

CRIMSON GLOBE. See Specialties.....	.10	.15	.50	.95	1.85	1.75 16.50
CROSBY'S EGYPTIAN. See Specialties.....	.10	.15	.50	.95	1.85	1.75 16.50
Early Egyptian. The old standard extra early blood turnip beet. The roots are flattened, of medium size, and tops small.....	.05	.15	.45	.80	1.50	1.40 13.00
Early Blood Turnip Beet. A standard medium early variety of excellent quality. Color deep blood red.....	.05	.15	.35	.60	1.00	.90 8.00
Eclipse Blood Turnip Beet. Extremely early, of uniform globular form, deep red color, fine grained, tender and sweet.....	.05	.15	.35	.60	1.00	.90 8.00
Detroit Blood Turnip Beet. An improved strain of the Early Blood Turnip Beet; remarkably uniform and smooth; medium size; flesh fine grained and tender. Excellent for either early or late summer use.....	.05	.15	.35	.60	1.00	.90 8.00
Half Long. A half-long blood beet of superior quality; tender, sweet, and free from woody fibre. Unequaled for winter use.....	.05	.15	.35	.60	1.00	.90 8.00
Long Smooth Blood-Red. An excellent late variety, and a great improvement over the common Long Blood Beet.....	.05	.15	.35	.60	1.00	.90 8.00
SPINACH BEET, or SWISS CHARD. See Specialties.....	.05	.10	.25	.35	.60	.50

BEETS: Sugar

One ounce to 50 feet of drill. 5 lbs. per acre.

Klein Wanzeleben Sugar Beet. See Farm Seeds Section.....	.10	...	...	...	.30 .45	.35 3.00
French White Sugar Beet.....	.10	...	...	...	.30 .45	.35 2.75

To make gardening a pleasure, you should have an Iron Age Drill and Cultivator.



BEETS: Stock or Mangel Wurzels

One ounce to 50 feet of drill. 5 lbs. per acre.

	By Mail, Postpaid				Not Prepaid		
	Pkt.	Oz.	1/4 lb.	1/2 lb.	1 lb.	10 lbs.	100 lbs.
DANISH SLUDSTRUP MANGEL. See Field Seeds Section	.10		.40	.60	.50	4.50	...
Golden Giant Mangel	.10		.40	.60	.50	4.50	...
Half Sugar Mangel	.10		.40	.60	.50	4.50	...
Royal Red Mangel	.10		.40	.60	.50	4.50	...
Long Red Mangel	.10		.35	.55	.45	4.00	...
Yellow Globe Mangel	.10		.35	.55	.45	4.00	...
Golden Tankard Mangel	.10		.35	.55	.45	4.00	...
Giant Intermediate, or Gate Post Mangel	.10		.35	.55	.45	4.00	...

BROCCOLI

One ounce to 2,000 plants.

Large White French. A winter substitute for cauliflower, to which it is similar, but inferior.	.05	.40	1.25
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BRUSSELS SPROUTS

One ounce to 2,000 plants.

Dwarf Improved. A dwarf, compact growing sort, producing sprouts of fine quality.	.05	.15	.45	.80	1.50	1.40	...
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CABBAGE: Extra Early Varieties

One ounce for 1,500 plants. 1/2 lb. per acre.

COPENHAGEN MARKET. See Specialties	.10	.20	.75	1.40	2.50	2.40	...
EARLY JERSEY WAKEFIELD, Select. See Specialties	.10	.20	.75	1.40	2.50	2.40	...
Early Jersey Wakefield. The old standard extra early cabbage. Pointed heads; splendid flavor.	.05	.20	.60	1.00	1.75	1.65	...
Early Winningstadt. A good early cabbage, not so early as the Wakefield. Pyramidal shaped heads	.05	.20	.60	1.00	1.75	1.65	...
Charleston Wakefield. Large, solid heads of excellent quality. Same shape as Early Jersey Wakefield, but a little later.	.05	.20	.70	1.20	2.10	2.00	...

CABBAGE: Second Early Varieties

One ounce for 1,500 plants. 1/2 lb. per acre.

LILLY'S GLORY. See Specialties	.10	.20	.75	1.40	2.50	2.40	...
ALL SEASONS. See Specialties	.10	.20	.60	1.10	2.00	1.90	...
Early Spring. A good early flat-headed variety, only one week later than the extra early varieties.	.05	.20	.70	1.20	2.10	2.00	...
Early All Head. A very early flat-headed cabbage of good quality, size, and uniform shape.	.05	.20	.70	1.20	2.10	2.00	...
Henderson's Early Summer. A very popular flat-headed midseason cabbage, ten days later than Wakefield	.05	.20	.60	1.00	1.75	1.65	...
Early Flat Dutch. A very popular second early flat-headed cabbage of excellent quality.	.05	.20	.70	1.20	2.10	2.00	...

CABBAGE: Winter Varieties

One ounce for 1,500 plants. 1/2 lb. per acre.

DANISH BALLHEAD. See Specialties	.10	.20	.75	1.40	2.50	2.40	...
DRUMHEAD SAVOY. See Specialties	.10	.20	.60	1.10	2.00	1.90	...
Surehead. A good strain of Late Flat Dutch. A reliable header and good keeper.	.05	.20	.60	1.00	1.75	1.65	...
Premium Late Flat Dutch. An excellent standard late cabbage for fall use; tender and of superior flavor	.05	.20	.60	1.00	1.75	1.65	...
Large Late Drumhead. A splendid shipper. Heads large, heavy and solid	.05	.20	.60	1.00	1.75	1.65	...
Autumn King. A fine winter variety of vigorous growth. Large, well-formed globular heads of bluish-green color	.05	.20	.60	1.10	2.00	1.90	...
Fottler's Brunswick. Heads large, flat and solid. A sure header. Short stemmed	.05	.20	.60	1.00	1.75	1.65	...
Red Dutch. A popular hard-headed sort for pickling. Rather small, but of excellent quality.	.05	.20	.60	1.10	2.00	1.90	...

CAULIFLOWER

One ounce for 2,000 plants.

	Pkt.	1/4 oz.	1/2 oz.	1 oz.	1 1/4 lb.	1 lb.	10 lbs.	100 lbs.
EARLY ALBA. See Specialties	.25	.75	1.40	2.50	...	...	...	...
DANISH DRY WEATHER. See Specialties	.25	.85	1.60	3.00	...	...	...	...
Snowball. A splendid early variety, and a sure header	.05	.60	1.10	2.00	...	...	...	...
Early Dwarf Erfurt. Good sized heads of excellent quality; plants dwarf and compact.	.05	.75	1.40	2.50	...	...	...	...
Large Late Algiers. A good late variety for fall use; producing fine, large heads	.05	.25	.40	.75	2.50	...	...	...

The climate and soil of the Puget Sound country are peculiarly adapted to growing cabbage seed, and this is the only place on the American continent where the highest grade cabbage seed can be produced.

**CARROT**

One ounce for 125 feet of drill. 3 lbs. per acre.

	By Mail, Postpaid					Not Prepaid		
	Pkt.	Oz.	¼ lb.	½ lb.	1 lb.	1 lb.	10 lbs.	100 lbs.
GOLDEN HALF-LONG. See Specialties.....	.10	.10	.40	.80	1.50	1.40	.....	.....
LILLY'S EARLY FORCING. See Specialties.....	.10	.10	.40	.80	1.50	1.40	.....	.....
Early French Forcing. Extra early, and a popular variety for forcing; roots small and globular; color orange-red.....	.05	.10	.40	.80	1.50	1.40	.....	.....
Short Horn, or Early Scarlet Horn. An excellent variety for very early planting outdoors. Roots about three inches long; reddish-orange; good flavor.....	.05	.10	.35	.60	1.00	.90	.....	.....
Chantenay, or Model. An excellent stump-rooted variety, about six inches long and very broad at the shoulder; free from core, fine-grained and tender; orange-red.....	.05	.10	.25	.45	.75	.65	.....	.....
Orheart, or Guerande. About six inches long, thick and blunt rooted; orange-red. Desirable in soils too stiff and hard for longer sorts.....	.05	.10	.25	.45	.75	.65	.....	.....
Danver's Half-Long. A favorite standard variety of splendid quality; equally desirable for table or stock.....	.05	.10	.25	.40	.60	.50	.....	.....
Improved Long Orange. A splendid variety for either table or stock; 12 inches long, 3 inches in diameter.....	.05	.10	.25	.45	.75	.65	.....	.....
Improved Short White. The most productive white variety; popular for stock feeding.....	.05	.10	.25	.40	.60	.50	.....	.....
White Belgian. A large and very productive stock carrot.....	.05	.10	.25	.40	.60	.50	.....	.....
MASTODON. See Farm Seeds Section.....	.10	.10	.20	.35	.65	.55	5.00	.....

CELERIAC, or Turnip-Rooted Celery

Large Prague. Large, round, smooth, turnip-like roots; used for flavoring soups or as a salad....

.05 .20 .60 1.00 1.75 1.65

CELERY

One ounce for 3,000 plants.

VILMORIN'S PARIS GOLDEN YELLOW. See Specialties.....	.10	1.50	5.00	.....	.....	.....	.....	.....
SILVER PLUME. See Specialties.....	.10	.50	1.50	2.75	5.00	4.90	.....	.....
GIANT WHITE WINTER. See Specialties.....	.10	.50	1.50	2.75	5.00	4.90	.....	.....
Golden Self Blanching. A good standard early variety; blanching easily. The heart is rich golden-yellow, the outer leaves yellowish-green.....	.05	.50	1.50	2.75	5.00	4.90	.....	.....
Giant Pascal. A popular variety for winter use. It blanches easily, and is one of the best keepers... ..	.05	.25	.75	1.40	2.50	2.40	.....	.....
Giant White Solid. A good late variety of immense size.....	.05	.25	.75	1.25	2.00	1.90	.....	.....
Boston Market. A late variety with solid half-round green stalks, blanching white and crisp; dwarf and robust.....	.05	.25	.75	1.25	2.00	1.90	.....	.....

CHERVIL

Curled. Very finely curled, resembling parsley; used in soups and salads.....

.05 .10 .30 .55 1.00 .90

CHICORY

Large Rooted. Used as a substitute for coffee; and the young blanched shoots are used for salad... ..

.50 .10 .25 .40 .75 .65

CHIVES, or Schnittlauch

Chives. Has a mild flavor of young onions, and is used in soups and salads.....

.10 .50

COLLARDS

Georgia. A loose form of cabbage, grown in the South for greens; not adapted to the Northwest.....

.05 .15 .30 .55 1.00 .90

CORN: Sweet, Early Varieties

One pound for 200 hills. 15 lbs. per acre.

JACK FROST. See Specialties.....	.15	.....	.....	.....	.....	.....	.....	.....
METROPOLITAN. See Specialties.....	.10	.....	.....	.25	.....	.15	1.20	9.00
GOLDEN BANTAM. See Specialties.....	.10	.....	.....	.25	.....	.15	1.25	12.00
Peep o'Day. Extra early and very prolific. Popular with market gardeners.....	.10	.....	.....	.25	.....	.15	1.25	11.00
Early Cory, Red Cob. One of the best extra early varieties; sweet and tender; plants stocky.....	.10	.....	.....	.25	.....	.15	1.00	9.00
Early White Cob Cory. Very early; ears six to seven inches long; kernels milky-white, sweet and tender.....	.10	.....	.....	.25	.....	.15	1.00	9.00
Early Minnesota. A standard variety of dwarf growth; a little later than Cory; ears of fair size and good quality.....	.10	.....	.....	.25	.....	.15	1.00	9.00

CORN: Sweet, Medium Early Varieties

One pound for 200 hills. 15 lbs. per acre.

	By Mail, Postpaid					Not Prepaid		
	Pkt.	Oz.	1/2 lb.	1 lb.	1 lb.	1 lb.	10 lbs.	100 lbs.
Crosby's Early. A popular second early variety; ears about seven inches long and of fine quality.....	.10	...	...	...	.25	.15	1.00	9.00
Mammoth White Cory. Similar to Early White Cob Cory, and nearly as early; kernels are broader and ears longer.....	.10	...	...	...	.25	.15	1.00	9.00
Perry's Hybrid. A popular second early of stocky growth, with usually two ears of good size set low on the stalk; ears well filled with large, sweet, tender kernels.....	.10	...	...	...	.25	.15	1.00	9.00

CORN: Sweet, Late Varieties

One pound for 200 hills. 15 lbs. per acre.

Country Gentleman. The finest of all late varieties for home use. Ears eight to nine inches long; cob small and irregularly crowded from end to end with long white kernels; sweet, tender and delicious.....	.10	...	...	...	.25	.15	1.25	10.00
Stowell's Evergreen. The standard late variety for home, market, and canning. The kernels are long, exceptionally tender and sugary, and remaining long in the "milk".....	.10	...	...	...	.25	.15	1.00	9.00
Black Mexican. A splendid late variety with ears about eight inches long, filled with large kernels which are white until ripe, when they become black.....	.10	...	...	...	.25	.15	1.00	9.00

CORN: Pop

Ten pounds per acre.

White Rice. The best corn for popping and for the market; early; small, white, pointed kernels....	.1020	.10	.80	7.00
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CORN: Field

Twelve to twenty pounds per acre.

GOLDEN NUGGET. See Field Seeds Section.....	.1020	.10	.90	8.00
WHITE BUSTLER.....	.10	...	...	...	.20	.10	.90	8.00
Northwestern Red.....	...	...	...	...	.20	.10	.90	8.00
Leaming Improved.....	...	...	...	...	.20	.10	.90	4.00
Champion White Pearl.....	...	...	...	...	.20	.10	.90	4.50
Iowa Gold Mine.....	...	...	...	...	.20	.10	.90	4.50
Early Canada.....	...	...	...	...	.20	.10	.90	4.00
Pride of the North.....	...	...	...	...	.20	.10	.90	4.00
King Philip.....	...	...	...	...	.20	.10	.90	4.50

CORN: Fodder

Fifty to one hundred pounds per acre.

Sweet Fodder.....	...	...	...	...	.20	.10	.55	4.50
Red Cob Ensilage.....	...	...	...	...	.20	.10	.55	4.50

CORN SALAD

Large Headed Petticus, or Lamb's Lettuce. Hardy little plants grown for a late fall, winter and spring substitute for lettuce.....	.05	.10	.25	.40	.70	.60
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CUCUMBER

One ounce for 60 hills. 2 to 3 lbs. per acre.

PRIDE OF THE PACIFIC. See Specialties.....	.10	.20	.65	1.15	2.00	1.90
LILLY'S PICKLING. See Specialties.....	.10	.20	.60	1.00	1.75	1.65	...	...
DAVIS PERFECT. See Specialties.....	.10	.20	.50	.90	1.50	1.40	...	...
Cool and Crisp. An excellent strain of White Spine; early, prolific, and bears the whole season; long, straight, and tapering at both ends; dark green..	.05	.15	.35	.60	1.00	.90	8.00	...
White Spine Improved. A popular standard variety for both home use and market. It is early, and produces an abundant crop of long, straight, light green fruit of splendid quality.....	.05	.10	.25	.45	.80	.70	6.50	...
Early Cluster. An early, prolific, prickly, short green variety, adapted either for forcing or outdoor culture.....	.05	.10	.25	.45	.75	.65	6.00	...
Green Prolific. A short, green, productive variety for pickling.....	.05	.10	.25	.45	.80	.70	6.50	...
Long Green. Dark green fruits twelve to fourteen inches long; firm, crisp, and excellent for either slicing or pickling.....	.05	.10	.25	.45	.80	.75	7.00	...
Early Frame, or Short Green. Very productive; fruits straight, but small at ends; bright green..	.05	.10	.25	.45	.75	.65	6.00	...
West India Gherkin. A small prickly variety, used for pickles only.....	.05	.20	.60	1.00	1.75	1.65	15.00	...
Boston Pickling. A popular variety for pickling.....	.05	.10	.25	.45	.80	.70	6.50	...
Chicago Pickling. A prolific, deep green pickling cucumber, medium size, and pointed at both ends..	.05	.15	.35	.60	1.00	.90	8.00	...



CRESS

	By Mail, Postpaid					Not Prepaid		
	Pkt.	Oz.	¼ lb.	½ lb.	1 lb.	1 lb.	10 lbs.	100 lbs.
Water Cress. Used as a salad and a garnish for meats. Must be grown in shallow water.....	.05	.35	1.00	...	...	...	...	...
Curled Cress, or Pepper Grass. Crisp, pungant leaves; used as a condiment and for garnishing..	.05	.10	.20	.25	.50	.40	...	...

EGG PLANT

One ounce for 1000 plants.

New York Improved. The standard market variety. Fruits large, nearly round, dark purple .....	.05	.30	1.00	1.85	3.50	3.40	...	...
Black Pekin. Early and prolific; fruit large, round, solid; purplish-black .....	.05	.30	.90	1.60	3.00	2.90	...	...

ENDIVE

One ounce for 1000 plants.

BROAD-LEAVED BATAVIAN. See Specialties.....	.10	.20	.50	.85	1.50	1.40	...	...
Green Curled. A standard green variety for fall and winter use .....	.05	.10	.30	.55	1.00	.90	...	...
White Curled. Leaves pale green; grows to a large size; always crisp and tender .....	.05	.10	.30	.55	1.00	.90	...	...

GOURD

Japanese Nest Egg. Resembling an egg in shape and size. The vine is useful for covering porches, etc., being quite ornamental10	.35
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HERB SEEDS

Anise05	.10
Basil, Sweet05	.15
Caraway05	.10
Catnip05	.40
Dill05	.10
Fennel, Sweet .....	.05	.10	...	...	...	...	...	...
Lavender .....	.05	.15	...	...	...	...	...	...
Sweet Marjoram .....	.05	.15	...	...	...	...	...	...
Rosemary .....	.05	.35	...	...	...	...	...	...
Sage .....	.05	.25	...	...	...	...	...	...
Summer Savory .....	.05	.10	...	...	...	...	...	...
Thyme .....	.05	.25	...	...	...	...	...	...

KALE, or Borecole

One ounce for 150 feet of drill.

EMERALD ISLE. See Specialties .....	.10	.15	.30	.55	1.00	.90	...	...
Tall Scotch. A hardy variety, growing about thirty inches high; very curly and a beautiful plant...	.05	.10	.25	.40	.75	.65	...	...
Siberian, or Dwarf German. A dwarf, compact plant, with beautifully curled yellowish-green leaves...	.05	.10	.25	.40	.75	.65	...	...
THOUSAND HEADED. See Farm Seeds Section....	.10	.10	.20	.30	.45	.45	2.90	28.00

KOHL-RABI

One ounce for 300 feet of drill.

Early White Vienna. The standard variety for home or market. Very early; flesh white; skin greenish-white .....	.05	.20	.60	1.10	2.00	1.90	...	...
Early Purple Vienna. Similar to White Vienna, except that the skin is purple; the flesh is white and tender .....	.05	.20	.60	1.10	2.00	1.90	...	...

LEEK

One ounce for 100 feet of drill.

Large American Flag. A very superior variety, producing large, thick stems of good flavor05	.15	.35	.60	1.10	1.00
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LETTUCE: Curled Varieties

One ounce for 3000 plants.

LILLY'S FORCING. See Specialties10	.20	.50	.75	1.25	1.15
Early Curled Simpson. A popular market variety for forcing or very early planting outdoors. Forms a dense mass of finely curled leaves of excellent quality .....	.05	.15	.35	.60	1.00	.90	...	...
Black Seeded Simpson. Very large, loose heads of thin, tender, curly, yellow leaves .....	.05	.15	.35	.60	1.00	.90	...	...
Grand Rapids. A splendid forcing lettuce; large, beautifully curled, crisp and tender .....	.05	.15	.40	.70	1.25	1.15	...	...
Early Curled Silesia. An excellent early, curled variety, popular for the home garden .....	.05	.15	.35	.60	1.00	.90	...	...

Lettuce, Radishes, Carrots, and Turnips, to be good, must be grown quickly. Nitrate of Lime or Nitrate of Soda, if properly applied, will accomplish wonders. LILLY'S FERTILIZER BOOK tells how to use them to get the best results; also many other suggestions which, if followed, will double your crops and improve the quality of your products.



LETTUCE: Head Varieties

One ounce for 3000 plants.

	By Mail, Postpaid					Not Prepaid		
	Pkt.	Oz.	¼ lb.	½ lb.	1 lb.	1 lb.	10 lbs.	100 lbs.
DELICIOUS. See Specialties	.10	.20	.50	.85	1.50	1.40		
NONPAREIL HANSON. See Specialties	.10	.20	.50	.85	1.50	1.40		
IMMENSITY. See Specialties	.05	.20	.50	.85	1.50	1.40		
Boston Market, or White Seeded Tennis Ball. A popular, small, compact, head variety for early outdoor culture or for forcing	.05	.15	.40	.70	1.25	1.15		
Hanson Head. A handsome, large headed summer lettuce of excellent quality	.05	.15	.40	.70	1.25	1.15		
Deacon. A large, firm-heading variety for summer and fall use. Light green outside, creamy-yellow inside	.05	.15	.35	.60	1.00	.90		
May King. A splendid new variety; early; forming fine hard heads within a few weeks after planting. Medium size; light green; with buttery but crisp heads	.05	.15	.35	.60	1.00	.90		
Black Seeded Tennisball. A hardy, very early, small, hard-headed variety for forcing or early outdoor culture	.05	.15	.35	.60	1.00	.90		
Prizehead. A popular variety. Green tinged with red	.05	.15	.35	.60	1.00	.90		
Paris White Cos. A popular old variety with long heads and narrow leaves. May be blanched by tying leaves together	.05	.15	.35	.60	1.00	.90		

MELON: Musk, or Cantaloupe

One ounce for 60 hills. 3 lbs. per acre.

IMPROVED ROCKY FORD. See Specialties	.10	.10	.40	.70	1.25	1.15	10.00	
Rocky Ford, or Nettle Gem. The sweet and luscious green-fleshed melon that has become world-famous	.05	.10	.30	.55	1.00	.90	7.50	
Casaba. The largest muskmelon grown; form oblong; flesh green and of good quality	.05	.15	.45	.80	1.50	1.40	13.00	
Osage, or Miller's Cream. Large and round, with light green netted skin and salmon-colored flesh	.05	.15	.35	.60	1.00	.90	8.00	
Nutmeg. A popular old variety. Skin deep green, finely netted; flesh greenish-yellow, sweet and sugary	.05	.15	.35	.60	1.00	.90	8.00	
Extra Early Hackensack. Of large size and attractive appearance; skin netted; flesh green and very sweet	.05	.15	.35	.60	1.00	.90	8.00	
Large Hackensack. An excellent green fleshed late variety; ends flattened; thick, irregular ribs and coarse netting; flavor sweet and delicious	.05	.15	.35	.60	1.00	.90	8.00	
Early Jenny Lind. A small, round, very early melon; deeply ribbed and netted; flesh yellowish-green and of good flavor	.05	.15	.35	.60	1.00	.90	8.00	

MELON: Water

One ounce for 30 hills. 4 lbs. per acre.

SWEET AS HONEY. See Specialties	.05	.10	.35	.65	1.25	1.15	10.00	
KING AND QUEEN. See Specialties	.10	.10	.35	.65	1.25	1.15	10.00	
Cuban Queen. Very large, oval melons; striped; flesh red and of excellent quality	.05	.10	.25	.40	.75	.65	5.50	
Cole's Early. An excellent early variety with thin rind, large heart and flesh of fine texture and flavor	.05	.10	.25	.40	.75	.65	5.50	
Dixie. Early, productive, of good quality, and a good shipper	.05	.10	.25	.40	.75	.65	5.50	
Ice Cream, or Peerless. Medium sized, almost round; skin light green mottled; flesh scarlet; white seeded	.05	.10	.25	.40	.75	.65	5.50	
Gypsey, or Georgia Battlesnake. Oblong; skin mottled and striped; medium early; flesh crimson.	.05	.10	.25	.40	.75	.65	5.50	
Kleckley Sweet, or Monte Cristo. Large; oval; dark green mottled; rind thin; flesh sweet, crisp and sugary	.05	.10	.30	.50	.85	.75	6.50	
Sweetheart. An early, oval melon; light green mottled; thin, tough rind; flesh light red and fine quality	.05	.10	.25	.40	.75	.65	5.50	
Florida Favorite. Large; oval; striped; rind thin but hard; flesh crimson, sweet and melting	.05	.10	.25	.40	.75	.65	5.50	
Lodi. A popular California variety. Fruit large, oblong, green slightly mottled; rind thin but tough; flesh bright red and sweet; seeds white	.05	.10	.25	.40	.75	.65	5.50	
Citron. Small and round; for preserves only	.05	.10	.25	.40	.75	.65	5.50	

MUSHROOM SPAWN

One pound for ten square feet.

PURE CULTURE. See Specialties				.35		.25	1.60	15.00
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CROP BOOK explains how melons may be matured on the Pacific Coast.



MUSTARD

White or Yellow. Leaves are used while young for salads or for garnishing, or when older for greens

By Mail, Postpaid					Not Prepaid		
Pkt.	Oz.	¼ lb.	½ lb.	1 lb.	1 lb.	10 lbs.	100 lbs.
.05	.10	.20	.30	.40	.30	...	...

OKRA

One pound for 100 hills.

Dwarf Green. Of dwarf, stocky growth; very early

.05	.10	.25	.40	.60	.50
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ONION

One ounce for 250 feet of drill. 5 lbs. per acre.

LONGKEEPER. See Specialties

WESTERN WETHERSFIELD. See Specialties.....

PRIZETAKER, Select. See Specialties.....

WHITE QUEEN, Select. See Specialties.....

Prizetaker. Of immense size; globular shape; and good quality. The skin is light yellow; the flesh pure white

White Queen. A very small, pure white onion; used for pickling and for early green onions.....

Extra Early Red Flat. Very early; medium size; flat; skin light red; flesh close grained, white and mild

Large Red Wethersfield. Large; flat; skin purplish-red; flesh white; rather strong, but good.....

Australian Brown. Early; medium size; nearly globular; very solid; attractive brown color; mild.....

Yellow Globe Danvers. A very popular variety, especially for market. Form globular; very solid, and one of the best shippers; skin brownish-yellow; flesh fine grained, white, and mild.....

Oregon Yellow Danvers. Similar to the Yellow Globe Danvers, except that it is flattened

Yellow Flat Danvers. Early; very productive and reliable; form round, flattened; small neck; thin, pale yellow skin; flesh white, fine grained.....

White Portugal, or Silver Skin. A splendid early, flat, white variety; one of the best for home use, and much grown by market gardeners for early green onions

Southport Red Globe. A handsome, perfectly globular; purplish-red onion of large size; flesh white and of superior quality. A good keeper.....

Southport White Globe. Very large; globular; pure white skin and flesh; the handsomest onion grown; very productive and of fine quality.....

Southport Yellow Globe. An excellent, large, globular, yellow onion, almost identical with Southport Red Globe except in color, which is light yellow

Yellow Dutch, or Strasburg. Similar to the Yellow Flat Danvers in shape, size and color. Popular for growing onion sets

ONION SETS

One pound to 75 feet of drill. 400 lbs. per acre.

YELLOW DANVERS. See Specialties. Before April 1st

Write for prices on larger quantities.

...25	.15	1.25	...
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PARSLEY

One ounce for 300 feet of drill.

Champion Moss Curled. Densely crimped and curled dark green leaves. Beautiful for garnishing....

Triple Curled. A popular dwarf variety, finely curled

.05	.10	.20	.35	.60	.50
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.05	.10	.20	.35	.60	.50
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PARSNIP

One ounce for 200 feet of drill. 6 lbs. per acre.

PALO ALTO. See Specialties.....

Hollow Crown. A heavy cropping variety; half-long, round, smooth, white; fine texture and flavor....

Long White Dutch. More productive than other varieties, but inferior in other respects.....

.05	.10	.25	.40	.60	.50
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.05	.10	.25	.40	.60	.50
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PEPPER

One ounce for 1,000 plants.

Large Bell, or Bull Nose. Early; large red fruit; very mild; popular for pickling

Golden Dawn. Similar to Large Bell, except that the color is golden-yellow

Ruby King. The most popular variety. Very large, ruby-red, thick fleshed and very mild.....

Long Red Cayenne. A late variety. Small, bright scarlet, cone shaped pods used for pickling.....

.05	.25	.75	1.25	2.25	2.15
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.05	.25	.75	1.25	2.25	2.15
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.05	.25	.75	1.25	2.25	2.15
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.05	.25	.75	1.25	2.25	2.15
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Market Gardeners and others requiring seeds in large quantities will please give us a list of varieties and quantities wanted, and we will quote special prices.



PEAS: Early Varieties

	By Mail, Postpaid					Not Prepaid		
	Pkt.	Oz.	1/4 lb.	1/2 lb.	1 lb.	1 lb.	10 lbs.	100 lbs.
One pound to 100 feet of drill. 100 lbs. per acre.								
GRADUS, or PROSPERITY. See Specialties.....	.10			.20	.30	.20	1.75	.....
THOMAS LAXTON. See Specialties.....	.10			.20	.30	.20	1.75	.....
WASHINGTON WONDER. See Specialties.....	.10			.20	.30	.20	1.75	.....
Nott's Excelsior. Early and productive, with large pods well filled with wrinkled peas of good flavor. Height 14 inches.....	.10				.30	.20	1.50	.....
American Wonder. Of dwarf, compact growth, ten to twelve inches high; wrinkled, and of the finest quality.....	.10				.30	.20	1.50	.....
Little Gem. Fifteen inches high; a little later than American Wonder; peas wrinkled, sweet and delicious.....	.10				.25	.15	1.25	.....
Premium Gem. Similar to Little Gem.....	.10				.25	.15	1.25	.....
Alaska. Two feet high; very early; round, blue pods, three inches long filled with small, smooth, blue-green peas.....	.10				.25	.15	1.00	.....

PEAS: Late or Main Crop Varieties

	Pkt.	Oz.	1/4 lb.	1/2 lb.	1 lb.	1 lb.	10 lbs.	100 lbs.
One pound to 100 feet of drill. 100 lbs. per acre.								
MOUNT RAINIER. See Specialties.....	.10			.20	.30	.20	1.75	.....
Yorkshire Hero. An excellent main crop pea, growing about three feet high. The pods are well filled with large, wrinkled peas of good flavor and remaining tender a long time.....	.10				.25	.15	1.00	.....
Stratagem. Height twenty inches. Vines strong and robust, requiring no support. Peas dark green, wrinkled, rich and sweet.....	.10				.30	.15	1.25	.....
Dwarf Telephone. Height eighteen inches; dwarf, stocky, healthy, vigorous and very productive... ..	.10				.30	.20	1.75	.....
Telephone. Height four and one-half feet. A popular market gardener's variety. Very productive. Immense pods contain eight to twelve large wrinkled peas of splendid flavor.....	.10				.30	.20	1.50	.....
Champion of England. Height five feet. An old, popular, wrinkled variety of unexcelled flavor... ..	.10				.25	.15	1.25	.....

FIELD PEAS. See Field Seeds Section.

POTATOES

400 lbs. per acre.

Bovee. See Field Seeds Section.....						.05	.50	3.50
Irish Cobbler.....						.05	.50	4.00
Early Rose.....						.05	.50	3.00
Beauty of Hebron.....						.05	.50	3.50
Hastings.....						.05	.50	4.00
Michigan Rural.....						.05	.50	4.00
American Wonder.....						.05	.50	3.50
Burbank.....						.05	.50	3.00

PUMPKIN

One ounce for 30 hills. 4 lbs. per acre.

Sugar, or Sweet Pie. A small, handsome, and productive pie pumpkin of delicious flavor. A good keeper.....	.05	.10	.20	.35	.60	.50	4.50	.....
Connecticut Field. A large, productive, orange-colored field pumpkin, generally grown for stock feeding, but it also makes good pies.....	.05	.10	.20	.30	.50	.40	3.50	.....
Jumbo, or King of Mammoths. The largest pumpkin grown. Under favorable conditions it produces specimens weighing 200 to 250 pounds.....	.05	.10	.30	.50	.90	.50	7.00	.....
Mammoth Tours. An old favorite of very large size... ..	.05	.10	.25	.45	.75	.65	6.00	.....
Cushaw. Almost white; has a curved neck, hard skin, and very solid flesh.....	.05	.10	.25	.40	.70	.60	5.00	.....

RADISH: Early Round Varieties

One ounce for 100 feet of drill. 10 lbs. per acre.

CRIMSON GIANT. See Specialties.....	.10	.10	.30	.50	.85	.75	.....	.....
EARLIEST OF ALL. See Specialties.....	.10	.10	.30	.50	.85	.75	.....	.....
TRIUMPH. See Specialties.....	.10	.10	.30	.55	1.00	.90	.....	.....
Early Scarlet Turnip. A popular, small, early, bright red, turnip-shaped radish.....	.05	.10	.20	.35	.60	.50	.....	.....
Early Scarlet Turnip White Tip. An excellent early round radish, scarlet with attractive white tip... ..	.05	.10	.20	.35	.60	.50	.....	.....
French Breakfast. A general favorite; oval shape; bright scarlet with white tip.....	.05	.10	.20	.35	.60	.50	.....	.....
Early White Ball. Similar to Early Scarlet Turnip, except that it is pure white.....	.05	.10	.20	.35	.60	.50	.....	.....

LILLY'S SPRAY BOOK tells how to control Root Maggots and Cut Worms, as well as all other common insect and fungus pests.

RADISH: Early Long Varieties

One ounce for 100 feet of drill. 10 lbs. per acre.

	By Mail, Postpaid					Not Prepaid		
	Pkt.	Oz.	$\frac{1}{4}$ lb.	$\frac{1}{2}$ lb.	1 lb.	1 lb.	$\frac{10}{lbs.}$	$\frac{100}{lbs.}$
WHITE ICICLE. See Specialties.....	.10	.10	.30	.50	.85	.75	.....	.....
White Vienna, or Lady Finger. Long and tapering; pure white; very attractive; mild and tender....	.05	.10	.20	.35	.65	.55	.....	.....
Long Bright Scarlet. A standard early, long, scarlet variety; six inches long; matures in about 25 days .....	.05	.10	.20	.35	.60	.50	.....	.....
Long Scarlet White Tip. Similar to the Long Bright Scarlet, with lower third of the root pure white..	.05	.10	.25	.40	.65	.55	.....	.....

RADISH: Late Varieties

One ounce for 100 feet of drill. 10 lbs. per acre.

Chartier. A large, long, summer radish; crimson at top, fading to white at the tip.....	.05	.10	.20	.35	.60	.50	.....	.....
White Strasburg. An early summer radish, five inches long, tapering; flesh and skin white.....	.05	.10	.20	.35	.65	.55	.....	.....

RADISH: Winter Varieties

One ounce for 100 feet of drill. 10 lbs. per acre.

China Rose Winter. A splendid winter radish; about five inches long and two inches in diameter, largest at bottom; color bright rose; flesh firm and crisp .....	.05	.10	.25	.40	.75	.65	.....	.....
Round Black Spanish. Roots round or top-shaped; skin black; flesh white; a good keeper.....	.05	.10	.25	.40	.75	.65	.....	.....
Long Black Spanish. A large, long, black skinned winter radish; very hardy; flesh white.....	.05	.10	.25	.40	.75	.65	.....	.....
California White Mammoth. Pure white; about one foot long and two or three inches in diameter; flesh tender and crisp; keeps well through the winter .....	.05	.10	.25	.40	.75	.65	.....	.....

RHUBARB, or Pie Plant

One ounce for 600 plants.

Mammoth Victoria. The largest and finest cooking variety; has thick, red stalks; is vigorous and very productive .....	.05	.15	.45	.80	1.50	1.40	.....	.....
Burbank's Crimson Winter. The best for winter forcing, and with proper culture will bear almost continuously during the entire year.....	.10	.65	2.00	3.50	6.50	6.40	.....	.....

SALSIFY, or Oyster Plant

One ounce to 75 feet of drill.

Mammoth Sandwich Island. The most popular variety, growing twice the size of any other, and resembling a parsnip in appearance. Very mild and delicately flavored .....	.05	.15	.40	.75	1.35	1.25	.....	.....
Long White French. A favorite early market variety of fine flavor .....	.05	.15	.40	.75	1.35	1.25	.....	.....

SPINACH

One ounce for 100 feet of drill. 10 lbs. per acre.

MAMMOTH VICTORIA. See Specialties.....	.10	.15	.25	.40	.60	.50	4.00	.....
Thick Leaved Improved. For either fall or spring sowing. Produces large, thick, bright green, crumpled leaves of excellent quality; very slow in running to seed .....	.05	.10	.20	.30	.40	.30	2.50	.....
Prickly Winter. An exceedingly hardy variety, for fall sowing; leaves long and pointed.....	.05	.10	.20	.30	.40	.30	2.50	.....
Long Standing. An excellent, compact variety, with thick, fleshy, dark green leaves; grows slowly, but remains a long time fit for use.....	.05	.10	.20	.30	.40	.30	2.50	.....
Bloomsdale Savoy Leaved. A very early variety; hardy, and suitable for early spring use.....	.05	.10	.20	.30	.40	.30	2.50	.....

WE ARE WESTERN DISTRIBUTORS FOR

The Pacific Coast Ideal Incubators and Brooders, Cycle Hatchers and Brooders, Humphrey Green Bone Cutters and Clover Cutters, Lewis Bee Supplies, Blatchford's Calf Meal, Vreeland Chemical Co.'s Spray Materials, and Iron Age Garden Implements. We will mail you catalogs if you wish them.



SQUASH: Summer Varieties

	By Mail, Postpaid					Not Prepaid		
	Pkt.	Oz.	¼ lb.	½ lb.	1 lb.	1 lb.	10 lbs.	100 lbs.
Bush Varieties: One ounce for 50 hills; 6 lbs. per acre.								
Vine Varieties: One ounce for 20 hills; 4 lbs. per acre.								
Early Summer Crookneck. A popular early bush variety; deep yellow, densely warted; quality and flavor good	.05	.10	.25	.45	.80	.70	6.50	....
Mammoth Yellow Summer Crookneck. Similar to Early Summer Crookneck, but larger and later.	.05	.10	.25	.45	.80	.70	6.50	....
Mammoth White Bush Scallop. An early bush squash; large, often twelve inches in diameter; thick, and with deeply scalloped edges.	.05	.10	.25	.45	.75	.65	6.00	....
English Vegetable Marrow. An English vine squash; shape oblong; color yellowish-white; may be eaten when half grown, at which time the flesh is tender and delicious.	.05	.10	.25	.45	.75	.65	6.00	....

SQUASH: Fall and Winter Varieties

One ounce for 20 hills, 4 lbs. per acre.

DELICTA. See Specialties	.10	.10	.30	.55	1.00	.90	7.50	....
HUBBARD. See Specialties	.10	.10	.30	.55	1.00	.90	7.50	....
Boston Marrow. A very popular squash for fall use; skin thin, reddish-yellow; flesh dry, fine grained and delicious	.05	.10	.25	.45	.75	.65	5.50	....
Fordhook. A desirable variety for either summer or winter use; oblong in form; eight to ten inches long; flesh thick, yellow, and of fine flavor	.05	.10	.25	.45	.75	.65	6.00	....
Sibley, or Pike's Peak. Large, dark olive-green squashes, tapering to a point at the end; flesh light golden, and of excellent quality	.05	.10	.30	.55	1.00	.90	7.50	....
Golden Hubbard. Similar to the old favorite, Hubbard, but the skin is golden-red.	.05	.10	.30	.55	1.00	.90	7.50	....
Mammoth Chili. The largest of all squashes, often weighing 200 lbs.; flesh rich and fine flavored	.05	.10	.30	.55	1.00	.90	7.50

SUNFLOWER

Mammoth Russian. Splendid for poultry food	.0510	.15	.25	.15	1.25
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TOBACCO

One ounce for 10,000 plants.

Connecticut Seed Leaf. Hardy; adapted to this climate	.05	.20	.60	1.10	2.00	1.90
Havana. Less hardy, but better flavor	.05	.35	1.00	1.85	3.50	3.40	....	....

TOMATO

One ounce for 1,500 plants. ¼ lb. per acre.

PUGET SOUND SPECIAL. See Specialties	.10	.40	1.25	2.25	4.00	3.90	....	....
SPARK'S EARLIANA. See Specialties	.10	.35	1.00	1.75	3.00	2.90	....	....
PONDEROSA. See Specialties	.10	.35	1.15	2.00	3.50	3.40	....	....
LIVINGSTON'S CORELESS. See pecialties	.10	.50	1.50	2.75	5.00	4.90	....	....
Early Michigan. A smooth, solid, perfectly shaped tomato. A favorite early variety for market gardeners	.05	.20	.65	1.20	2.00	1.90	....	....
Beauty. Prolific; medium size; smooth; dark purplish-red; flesh superior quality	.05	.20	.65	1.20	2.00	1.90	....	....
Dwarf Champion. Dwarf and compact; requires no stake, and can be planted close; fruit round, smooth, and ripens with little sunshine	.05	.30	.85	1.50	2.50	2.40	....	....
Early Ruby. Very early; uniform in size and shape; color rich red; solid and of fine quality	.05	.30	.85	1.50	2.50	2.40	....	....
Favorite. A large, handsome, uniform shaped tomato; solid and smooth; ripens evenly	.05	.20	.65	1.20	2.00	1.90	....	....
New Stone. Large, handsome, and of good quality and color; very solid, and a splendid shipper	.05	.25	.75	1.25	2.25	2.15	....	....
Atlantic Prize. An extra early variety of good size, smooth surface, and fine quality	.05	.20	.65	1.20	2.00	1.90	....	....
Acme. An old, well known, early variety; medium size, smooth, solid and prolific; color purplish-pink	.05	.20	.60	1.00	1.85	1.75	....	....
Trophy. An old favorite, much esteemed for its productiveness and hardness	.05	.20	.65	1.20	2.00	1.90	....	....
Perfection. An old popular variety; early, medium size, smooth and productive; good color, and ripens evenly	.05	.20	.65	1.20	2.00	1.90	....	....

It is difficult to make tomatoes mature properly on the Pacific Coast unless you know how, and grow the earliest varieties. LILLY'S CROP BOOK tells how to do it. It will be furnished free if requested with an order for any of our goods, but cannot be procured in any other way.

TURNIP

	By Mail, Postpaid					Not Prepaid		
	Pkt.	Oz.	¼ lb.	½ lb.	1 lb.	1 lb.	10 lbs.	100 lbs.
One ounce to 150 feet of drill. 2 lbs. per acre.								
SNOWBALL. See Specialties	.10	.10	.25	.40	.70	.60	5.00	.....
EARLY WHITE MILAN. See Specialties	.10	.10	.25	.40	.70	.60	5.00	.....
GOLDEN WEST. See Specialties	.10	.10	.25	.40	.70	.60	5.00	.....
Extra Early Purple Top Milan. White with purple top; somewhat flattened; flesh snow-white	.05	.10	.25	.40	.70	.60	5.00	.....
Early White Flat Dutch. A standard early variety; flesh white and mild	.05	.10	.20	.35	.60	.50	4.00	.....
Cowhorn. A long, white-fleshed turnip, growing half above ground; large, but of fine quality	.05	.10	.20	.35	.60	.50	4.00	.....
Purple Top Strap Leaf. An old and popular variety; medium size; flesh white and of good quality	.05	.10	.20	.35	.60	.50	4.00	.....
Purple Top White Globe. Globular shape, handsome, and of fine quality, either for table or stock; early, productive and a good keeper	.05	.10	.20	.35	.60	.50	4.00	.....
White Egg. Matures very quickly, and is good for either spring or fall sowing; egg-shaped; white; very smooth; flesh fine-grained and sweet	.05	.10	.20	.35	.60	.50	4.00	.....
Golden Ball, or Orange Jelly. One of the most delicious and sweetest of yellow fleshed turnips; not large, but firm and hard	.05	.10	.25	.40	.70	.60	5.00	.....
Yellow Aberdeen. A fine, large, globe-shaped, yellow-fleshed turnip of fine quality for either table or stock	.05	.10	.20	.35	.60	.50	4.00	.....

RUTABAGA, or Swedish Turnip

One ounce for 150 feet of drill. 2 lbs. per acre.

KING OF SWEDES. See Farm Seeds Section	.10	.10	.20	.30	.50	.40	3.50	.....
American Purple Top Improved.	.05	.10	.20	.30	.50	.40	3.50	.....
Skirving's Improved Purple Top	.05	.10	.20	.30	.50	.40	3.50	.....
Sweet Russian	.05	.10	.20	.30	.50	.40	3.50	.....
Monarch, or Tankard	.05	.10	.20	.30	.50	.40	3.50	.....

BIRD SEED

HOLLY BIRD SEED

A combination of the best re-cleaned seeds in the correct proportion to insure the health, and thus perfect the song, of canaries and other cage birds. Guaranteed to be the best possible combination for the purpose. A package of Bird Gravel and a piece of Cuttle Bone is included in each package.

Price, per package (about 1 lb.), 10c.

Postage, 15c per package additional.

Miscellaneous

BIRD GRAVEL. Pure granite rock ground to the proper size for birds. Absolutely necessary to preserve health.....10c per lb.

CUTTLE BONE, 2 pieces, 5c.....25c per lb.

SICILY CANARY SEED.....10c per lb.

HEMP SEED.....10c per lb.

MILET SEED.....10c per lb.

RAPE SEED.....10c per lb.

BLUE POPPY SEED.....15c per lb.

SUNFLOWER SEED.....10c per lb.

Postage, 15c per lb. additional.

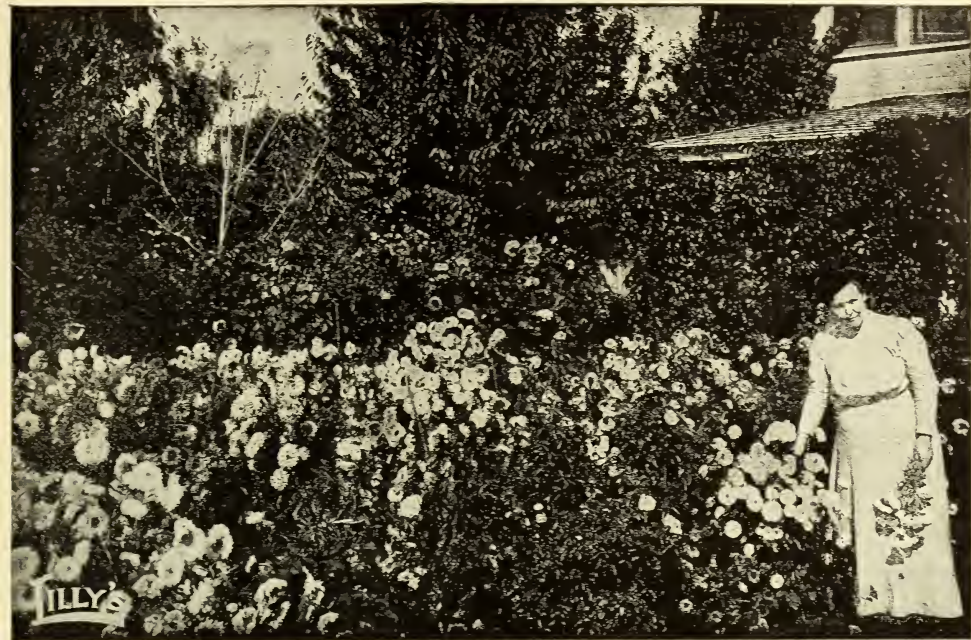
LILLY'S

SEEDS ARE TESTED

LILLY'S SEEDS are tested for Purity and Germination, and any that do not show a high test are immediately destroyed. We do not sent out any seeds which we are not positive will grow if weather, soil, and cultural conditions are right.

Some do not realize the importance of purchasing only tested seeds. Poor seeds are expensive at any price. You not only pay for worthless seeds, but also lose your crop, your time, and the satisfaction of producing something worth while.

But very few seedsmen test their seeds. Untested seeds MAY grow, but why take a chance? If you wish, we will mail you a circular describing how LILLY'S SEEDS are tested. The Crop Book explains the importance of sowing only tested seeds, and Government bulletins and agricultural literature emphasize it.



LILLY'S FLOWER SEEDS

Finest Varieties of Most Desirable Flowers for the West

OUR LIST OF FLOWER SEEDS is not as large as some for the reason that only a small proportion of customers are fanciers, they do not care to make a collection of all the different varieties, and we do not consider it advisable to confuse them with a long list to select from, or to list seeds of plants which are not desirable or adapted to this locality. It is our policy to list only such as will prove satisfactory, and only the best varieties of each.

The following lists are arranged to aid in selecting plants best adapted for various purposes:

Annual Plants for Beds or Tall Borders, growing one to two feet high.

Adonis, Ageratum (Tall), Amaranthus, Asters, Balsam, Calliopsis, Candytuft, Centaurea, Chrysanthemums, Clarkia, Dahlia (Annual), Dianthus, Eschscholtzia, Four O'Clock, Gaillardia, Godetia, Gypsophila, Larkspur (Dwarf), Linum, Lupins, Marigold, Mignonette, Nasturtiums (Dwarf), Nigella, Petunia, Poppy, Scabiosa (Dwarf), Schizanthus, Stocks, Zinnia.

Perennial Plants for Beds or Tall Borders, growing one to two feet high.

Antirrhinum, Aquilegia, Carnation, Cineraria, Columbine, Gypsophila Paniculata, Penstemon, Pyrethrum Hybridum, Sweet William, Wallflower.

Annual, Tall Growing Plants for Grouping, growing two feet or more in height.

Amaranthus, Arctotis Grandis, Calliopsis, Cosmos, Helianthus, Hollyhock (Annual), Larkspur, Nicotiana, Ricinus, Salpiglossis, Scabiosa (Tall).

Perennial, Tall Growing Plants for Grouping, growing two feet or more in height.

Canna, Campanula, Chrysanthemum (Marguerite), Foxglove, Hollyhock, Lychnis, Salvia, Snap-

dragon, Wallflower.

Annual Edging Plants, six to twelve inches high.

Ageratum (Dwarf), Alyssum, Calendula, Candytuft, Centaurea, Cockscomb, Dianthus, Lobelia, Marigold, Mignonette, Nasturtium (Dwarf), Nemophila, Pansy.

Perennial Edging Plants, six to twelve inches high.

Daisy, Forget-me-not, Pansy, Iceland Poppy, Primula, Pyrethrum, Violet.

Plants for Rockeries, Hanging Baskets or Window Boxes.

Lobelia (Trailing), Mimulus, Portulaca, Thunbergia, Verbena.

Annual Climbing Vines, growing six feet or more in height.

Calampelis, Canary Bird Flower, Cobeia, Scandens, Echinocystis, Gourds, Japanese Hop, Mina Lobata, Moon Flower Vine, Morning Glory, Nasturtium (Tall), Sweet Peas.

Perennial Climbing Vines, growing six feet or more in height.

Adlumia Cirrhosa, Kudzu Vine, Smilax.

CLASSIFICATION AND CULTURAL DIRECTIONS

SOME FLOWER SEEDS may be simply sown broadcast, and require little further attention, but some are quite difficult to get started, and the person who plants them all in the same manner is liable to disappointment. Cultural directions should be followed closely. They will be found in the Crop Book, which we will furnish free with any order if asked for.

Plants are classed as Annuals, Biennials, and Perennials, and these are divided into Hardy, Half-hardy, and Tender.

Hardy Annuals may be sown outdoors in the fall or early spring, preferably fall. They bloom the following summer, and then die.

Half-hardy Annuals require an even temperature of at least sixty degrees to germinate the seed, and will not stand frost. For early blooms the plants must be started under glass or in the house, and not

planted outdoors until danger of frost is past.

Tender Annuals must be grown in pots in greenhouse or in the house, and exposed outdoors only during the most favorable weather.

Biennials are best sown outdoors in September, and will bloom the following summer, after which they will die. If sown in spring they will not bloom until the next year.

Hardy Perennials seldom bloom the first year, but usually bloom the second and many succeeding years. They may be sown in spring, but are best sown outdoors in September.

Half-hardy Perennials require some protection during cold winter weather. The seed should be sown in boxes or pots, or outdoors late in spring.

Tender Perennials require protection during the greater part of the year.

Abronia

A pretty, trailing, hardy annual, thriving in dry situations where other vegetation will not grow. Very useful for covering dry or sandy barren banks. Pink flowers are borne in Verbena-like trusses.

No. 1018. *Abronia umbellata grandiflora*. Pkt., 5c; oz., 40c.

Adlumia Cirrhosa

(Mountain Fringe, or Allegheny Vine)

A graceful hardy biennial climber, growing to a height of about fifteen feet, with attractive pale green foliage, and bearing, the first season, clusters of small rosy-lilac flowers.

No. 219. Pkt., 10c; oz., \$1.50.

Adonis

(Flos Adonis, or Pheasant's Eye)

A hardy annual of easy culture, growing about one foot high; with fine-cut, feathery leaves, and crimson flowers.

No. 220. Pkt., 5c; oz., 25c.

Ageratum

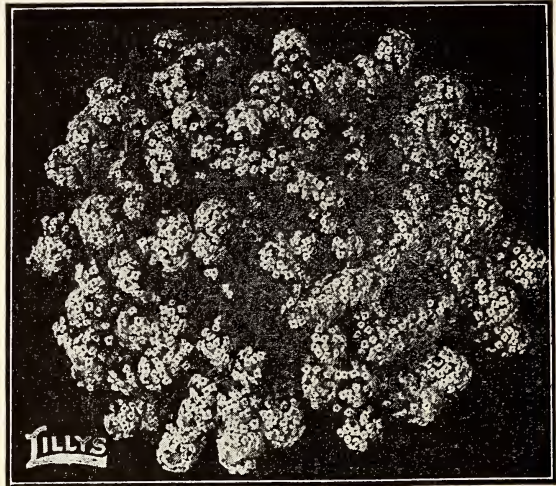
(Floss Flower)

Neat, erect, bushy plants, six to eight inches high, bearing profusely clusters of pretty brush-like flowers throughout the season. Splendid for bedding and borders, and for blue effects in the garden in contrast with other flowers. Hardy annual.

No. 439. *Little Dorrit*. A perfect mass of blue flowers. The plant is six inches high and a foot wide. Pkt., 10c; oz., \$1.00.

No. 411. *Imperial Dwarf*. A splendid variety growing about eight inches high, and covered with blue flowers. Pkt., 5c; oz., 30c.

No. 101. *Mexicanum, Mixed*. About eighteen inches high. Mixed colors. Pkt., 5c; oz., 15c.



ALYSSUM

(Sweet Alyssum)

This dainty little plant is unexcelled for borders, beds, baskets, pots, rockeries, and for cutting. It is a hardy annual, grows about nine inches high, and is covered with spikes of small white flowers during the entire summer and fall. It may also be grown in pots in the house during the winter, where the exquisite fragrance of the pure white flowers is very pleasing.

No. 2. *Alyssum Benthami*.

Pkt., 5c; oz., 20c.

LILLY'S CROP BOOK contains cultural directions for flowers. It will be furnished free with any order, if asked for.



LAWN DRESSING is the best fertilizer for flower beds.



ARCTOTIS GRANDIS

(African Daisy)

A REMARKABLY handsome hardy annual from Africa; easy to grow, and always in bloom in bright sunshine, closing in shadow. Not injured by light frost. The large round buds appear close to the earth at first, but soon rise on long stout stems well above the foliage; the drooping buds opening in large, shining white daisy-like flowers with blue centers surrounded by a narrow golden circle; with the reverse side of the petals a pale lilac.

The plants remind one of the Dusty Miller, being covered with a white down; grow about two and one-half feet high, and the same in breadth.

No. 601. Pkt., 10c; oz., \$1.50.

Amaranthus

Strong growing and highly ornamental hardy annuals, chiefly valuable for their highly colored foliage. Very showy and effective for bedding and backgrounds; lasting a long time, and of rapid growth and easy culture.

No. 270. *Amaranthus Caudatus* (Love-lies-bleeding). Light yellowish-green foliage; long, drooping flower spikes. Three to four feet high. Pkt., 5c; oz., 25c.

No. 102. *Amaranthus Tricolor* (Joseph's Coat). The plant grows about three feet high; with brilliant leaves in variegated red, yellow, green, etc. Pkt., 5c; oz., 25c.

Aquilegia (Columbine)

A delightful hardy perennial, especially adapted to the Pacific Coast, growing about two feet high, and splendid for permanent beds and borders. It thrives in partial shade and under the spray of a fountain, or other moist location. It forms large clumps, and is desirable in a permanent border. It bears peculiar, interesting pendent flowers early in the season, lasting for a considerable period.

Colors, clear blue, white, rose, yellow, purple and striped.

No. 5. Mixed Colors. Pkt., 5c; oz., 25c.

ANTIRRHINUM

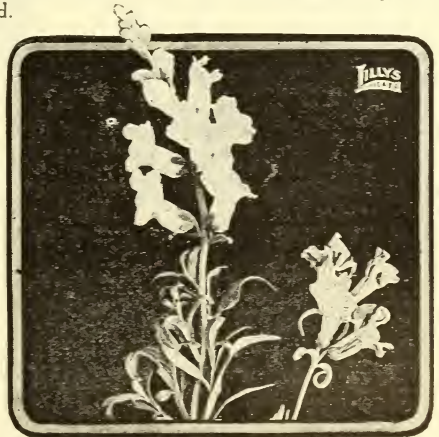
(Snapdragon)

Unusually effective bedding displays are made with these unique, bright colored plants. They are half-hardy perennials, but as they bloom the first year from seed, are best grown as annuals.

No. 921. *Lilly's Giant Flowering Black Prince*. The flowers of this splendid Snapdragon are very dark, black-red color, immense size, and splendid texture and substance. They bloom profusely until very late. Two feet tall. Pkt., 10c; oz., \$1.00.

No. 4. Tall Mixed. All the best tall varieties, mixed. Two feet tall. Pkt., 5c; oz., 40c.

No. 104. Dwarf Mixed. All the best dwarf varieties, mixed. Six inches tall. Pkt., 5c; oz., 75c.



LILLY'S ASTERS

The Most Improved Types of These Magnificent Annuals

ASTERS are one of the most satisfactory annuals that can be grown, especially on the Pacific Coast, where they produce the most perfect blooms in the greatest profusion for a long period, from August until killed by freezing winter weather, during a time that there is a dearth of other flowers. We list only the most improved types, and our seed is the best that can be procured.

CREGO Giant Asters

CREGO'S GIANT ASTERS are the latest and most highly developed type, rivaling the finest chrysanthemums in size, form, color and beauty. The flowers are immense, and the petals are much longer than those of any other variety, beautifully twisted and curled, producing an elegant fluffy effect.

No. 1012. Crego Giant White

No. 1013. Crego Giant Pink

Pkt., 10c; oz., \$1.50; postpaid.



Semple's Branching Asters

The best late-flowering, branch aster. They begin blooming about the first of September, and continue until freezing weather.

The flowers are large, very double, of purest colors, and borne on long stems.

The plants are robust, growing about two feet high and nearly as broad, and are covered with blooms.

No. 940, White; No. 941, Pink; No. 942, Lavender; No. 939, All Colors Mixed.

Pkt., 10c; oz., 70c; postpaid.

Improved Victoria

Magnificent flowers, massive and showy, with regular overlapping petals, double clear to the center. The plants are about eighteen inches high, and bloom profusely. No. 109. All Colors Mixed.

Pkt., 10c; oz., \$1.25; postpaid.

Giant Comet

OSTRICH PLUME ASTERS

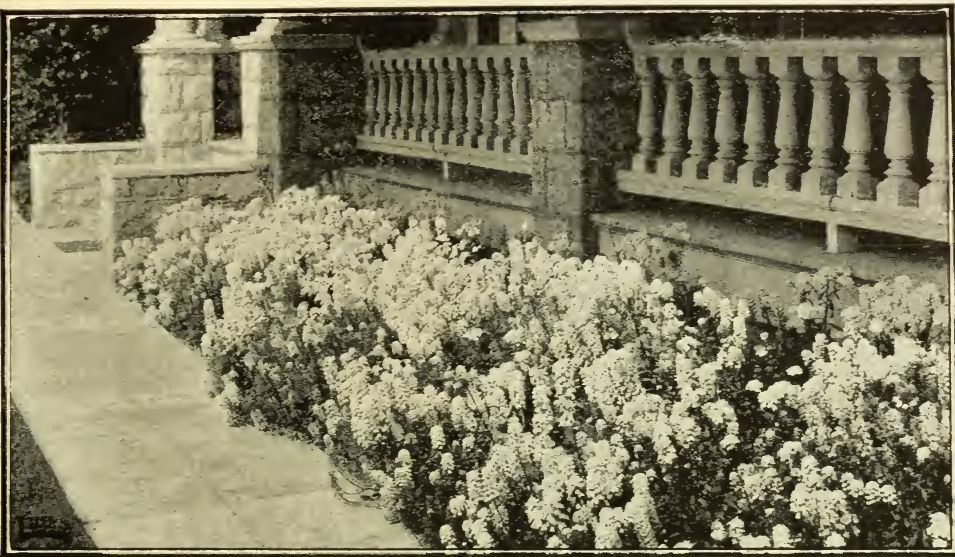
These grand flowers are of immense size, and composed of long, wavy, twisted petals, gracefully formed into loose, densely double, half globes, resembling some of the finer Japanese Chrysanthemums.

No. 935, White; No. 936, Rose; No. 937, Blue; No. 938, Lavender; No. 322; Mixed.

Pkt., 10c; oz., \$1.25; postpaid.

LILLY'S Mixed Asters

A fine mixture of all the good varieties and colors. No. 900. Pkt. 5c; oz., 25c; postpaid.



CANDYTUFT

(Iberis)

CANDYTUFT is a hardy annual of the easiest culture, and is a great favorite for bedding, borders, rockeries, and the improved varieties are splendid for pots and for cutting. The plants are dwarf, and produce profusely large spikes or umbels of pretty, pure white flowers for a long season. They are very hardy, and by sowing the seed outdoors in the fall, again early in spring, and at intervals during the summer, blooms may be had continuously.

No. 922. **Empress.** (*Iberis coronaria*). A grand variety, producing enormous spikes of bloom, resembling a white hyacinth. The spikes often measure seven inches long by two and one-quarter inches in diameter. The plant, including bloom, is about twelve inches high. To produce the finest spikes, the plants should be transplanted. Pkt., 10c; oz., 60c.

No. 39. **White Rocket.** (*Iberis coronaria hesperidiflora*). Good spikes of pure white flowers.

Pkt., 5c; oz., 10c.

Balsam

(Lady's Slipper)

Among the finest of the old favorites for either garden or pot culture. It is a half-hardy annual, and for early blooms the seed should be sown under glass in March; or it may be sown outdoors in May. The young plants are quick, sure growers, and soon form handsome bushes about two feet high, thickly massed with beautiful, brilliant colored, double flowers. They should not be planted closer than eighteen inches apart, and require plenty of sunshine and rich soil.

No. 141. **Double, Mixed.** Pkt., 5c.; oz., 25c.

Calendula

(Pot Marigold)

One of the best and showiest free-flowering hardy annuals. The plants grow about one foot high, and produce profusely from early summer until late in fall, large, showy flowers in all shades of yellow, from ivory to deep orange. They are very effective in beds or mixed borders, and are also valuable for pot culture, blooming freely in winter and early spring.

No. 117. **Mixed Colors.** Pkt., 5c.; oz., 25c.

Calliopsis

One of the showiest and most easily grown hardy-annuals. The plants form perfect little bushes about two feet high, and are literally massed with bloom from early summer until killed by frost. Splendid for strengthening the yellow, brown and maroon effects in the garden.

No. 116. **Mixed Colors.** Pkt., 5c; oz., 15c.

Canary-Bird Vine

A pretty, rapid-growing, annual climber, attaining a height of about fifteen feet, and bearing little canary-yellow flowers resembling a bird with its wings half expanded.

No. 148. Pkt., 5c; oz., 25c.

Campanula

(Canterbury Bells)

Hardy biennials, of easy culture, but preferring rich, moist soil. They grow about three feet high, and bear a profusion of double and single, bell-shaped, blue, purple, red and white flowers.

No. 15. **Single, Mixed.** Pkt., 5c; oz., 20c.

No. 157. **Double, Cup and Saucer Type.**
Mixed Colors. Pkt., 10c; oz., 40c.

CARNATIONS

(Dianthus)

THESE SPLENDID half-hardy perennials are used for greenhouse florists' trade in winter, and for garden decoration and cut flowers in summer. Old plants flower the earliest, but as young plants produce the largest, finest flowers, they are generally treated as annuals.

No. 16. Mixed, Double Varieties. Pkt., 10c.

No. 419. Choice Double Mixed. Pkt., 25c.

No. 162. Giant Perpetual. Extra choice; double; mixed. Pkt., 25c.

No. 402. Marguerite, White. The Marguerites are strong growers, free flowering; and are especially desirable for garden culture. Pkt., 10c.

No. 284. Marguerite, Mixed. All colors, mixed. Pkt., 10c.

No. 161. Grenadin. A beautiful, early dwarf variety; bearing sweet-scented, double, scarlet flowers. Pkt., 10c.

CENTAUREA

(Corn Flower, Bachelor's Button, Sweet Sultan)

AMONG the most attractive and graceful of the old-fashioned flowers. They are hardy annuals, of simple culture. There are several varieties, all growing one and one-half to two feet high, and are excellent for beds, borders, or for cut flowers.

No. 923. Lilly's Korenbloom. (Cyanus nana compacta Victoria). A highly improved dwarf, compact, variety of Bachelor's Button, producing large azure-blue blossoms in great profusion. The stems are long and graceful making it a delightful flower for cutting; and in the garden its mass of delicate blue coloring makes it very attractive when properly blended. Grows about eighteen inches high. Pkt., 10c.; oz., 75c.

No. 225. Cornflower. Bachelor's Button, Ragged Sailor, or Bluebottle. An old-fashioned favorite. Hardy annual. Two feet high. Pkt., 5c; oz., 20c.

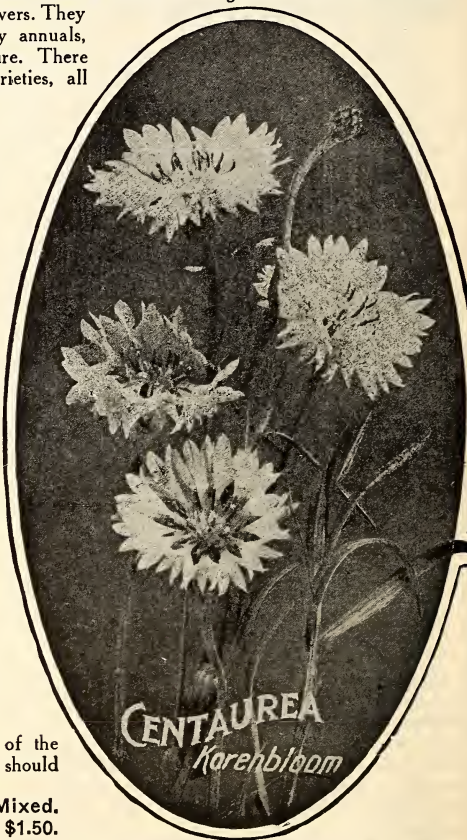
No. 1016. Royal Sweet Sultan. (Centaurea Imperialis). The finest of all Sweet Sultans for cutting, lasting a long time in water. Beautiful, artistic, sweet scented flowers, borne on long, strong stems. Mixed colors. Pkt., 10c; oz., \$1.00.

No. 1017. Dusty Miller. (Centaurea Gymnocarpa). Narrow, silvery-gray foliage; purple flowers; excellent for bedding. Half-hardy perennial. Eighteen inches high. Pkt., 5c; oz., 75c.

Chrysanthemums

The half-hardy annual varieties of these royal flowers of the Orient are easily grown from seed outdoors, and they should have a place in every garden.

No. 329. Choice Japansene Chrysanthemums, Mixed. The best Japanese annual varieties. Pkt., 10c; oz., \$1.50.



Cineraria

Magnificent tender perennials, grown principally in conservatory, window-garden, or greenhouse.

No. 19. *Cineraria Hybrida*, Mixed. Immense flowers, two to three inches across, in various bright colors. Pkt., 25c.

Clarkia

Clarkia is one of the prettiest of the hardy annuals, and being a native of the Pacific Coast, is produced here in the greatest perfection. The variety and brightness of its flowers makes a bed of it an attractive sight. Seed sown in the fall will produce blossoms early the next spring. Eighteen inches high.

No. 21. *Clarkia elegans*. Single and double, mixed. Pkt., 5c; oz., 20c.

Cobaea Scandens

A rapid-growing, climbing annual, attaining a height of twenty to thirty feet in a season. It has large leaves, and large trumpet-shaped flowers which are green until nearly grown, when they turn a bright purplish-blue.

No. 120. Pkt., 5c; oz., 80c.

Cockscomb

(*Celosia*)

An odd, picturesque plant, bearing bright colored flowers or plumes, resembling a cock's comb. A hardy annual. Fine for massing or border work.

No. 17. *Celosia cristata nana*. Dwarf; less than a foot high, with highly colored combs of immense size. Pkt., 5c; oz., \$1.75.

No. 119. *Celosia pyramidalis plumosa*. Large flowered, feathered. All colors. Pkt., 5c; oz., 35c.

COSMOS

Cosmos is one of the notable fall flowers. It is a strong, tall-growing annual, and its bright, bold flowers have a daintiness and airiness which is heightened in effect by the feathery green foliage. It is most effective when planted in broad masses or long background borders against evergreens or fences.

No. 282. *Lilly's Autumn Pride*. A highly improved variety. Grows about four feet high, bearing showy rose, crimson, pink and white flowers four to five inches in diameter, on long stems.

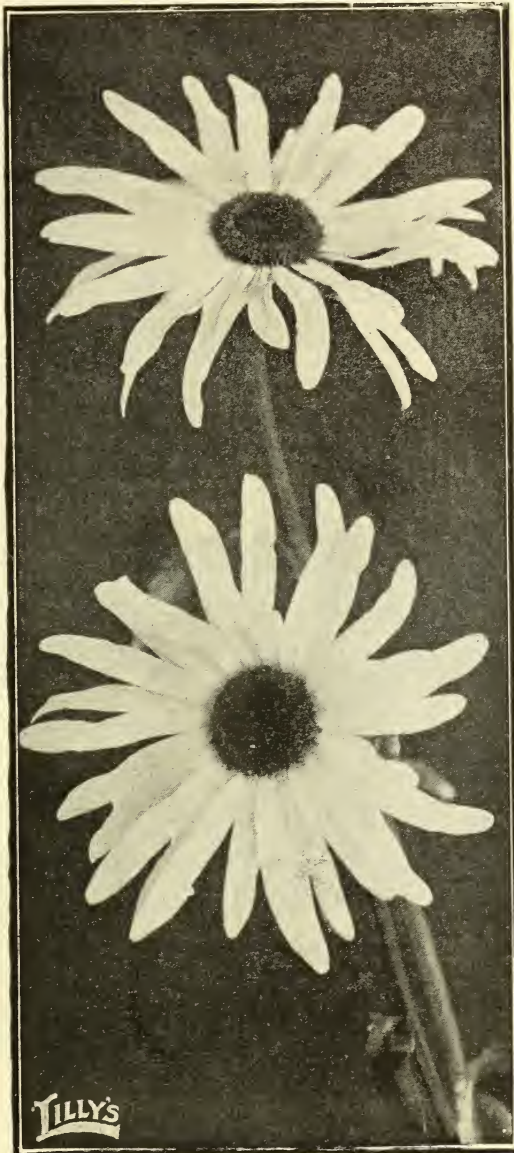
Pkt., 5c; oz., 35c.

Dahlia

These beautiful late summer and autumn flowering annuals will produce large, bright colored, single flowers the first year if seed is sown early.

No. 294. *Lilly's Giant Annual Dahlia*. Mixed colors. Single flowers.

Pkt., 10c; oz., \$1.00.



DAISY

No. 1004. *Shasta Daisy*. (*Leucanthemum hybridum*). A splendid hardy perennial, bearing in great profusion large, white, single flowers with yellow centers. The official flower of the Seattle Potlatch. Pkt., 10c; oz., \$1.50.

No. 13. *Double Daisy*. (*Bellis perennis*). Excellent border plants, about four inches high, bearing attractive double flowers all spring and summer. Although a hardy perennial, it will bloom the following summer if the seed is sown in the fall or early spring. Mixed colors. Pkt., 10c; oz., \$2.50.

ESCHSCHOLTZIA

(California Poppy)

THE STATE FLOWER of California, and a hardy annual of striking character both in form and color. The plants are bright, rich, orange-yellow. The plants are about one and one-half feet in height, with attractive silvery foliage, branching freely, and producing large poppy-like flowers lavishly from spring until killed by frost.

They are most effective when grown in beds of considerable size, over which the seed may be thinly sown broadcast, and lightly raked in. The seed may be sown very early in spring, or late in fall for early blooms next spring.

No. 192. True California Poppy. Bright orange-yellow. Pkt., 5c; oz., 15c.

No. 167. Eschscholtzia Californica alba. Creamy white. Pkt., 5c; oz., 20c.

Forget-Me-Not

(Myosotis)

A hardy perennial, growing six to twelve inches high, bearing pretty little star-like flowers, in clusters, on long stems. The plant is of easy culture, and blooms the first year if seed is sown early. Thrives best in a cool, moist location.

No. 310. Lilly's Victoria Dwarf Forget-me-not. A very beautiful variety; of dwarf, bushy habit; bearing large clusters of the brightest azure-blue flowers on long, graceful stems; rendering them splendid for cutting. Pkt., 5c; oz., 70c.

No. 53. Myosotis azorica. A trailing variety. Mixed colors.

Pkt., 5c; oz., 50c.

Four-O'Clock

(Marvel of Peru. Mirabilis Jalapa)

A perennial in warm climates, but generally grown as a half-hardy annual in this locality. The plant is two to three feet high, erect and bushy. The flowers are shaped like the morning glory, and open late in the afternoon. Prevailing color white, shaded and striped with various colors.

No. 51. Choice Mixed. Pkt., 5c; oz., 10c.

Foxglove

(Digitalis)

A hardy perennial, blooming the second year from seed, and especially adapted to this vicinity. Grows three to five feet tall, producing freely long spikes of

gloxinia-like flowers in various colors. Splendid for permanent beds, borders, masses, and for back-grounds. Thrives best in a cool, shady location.

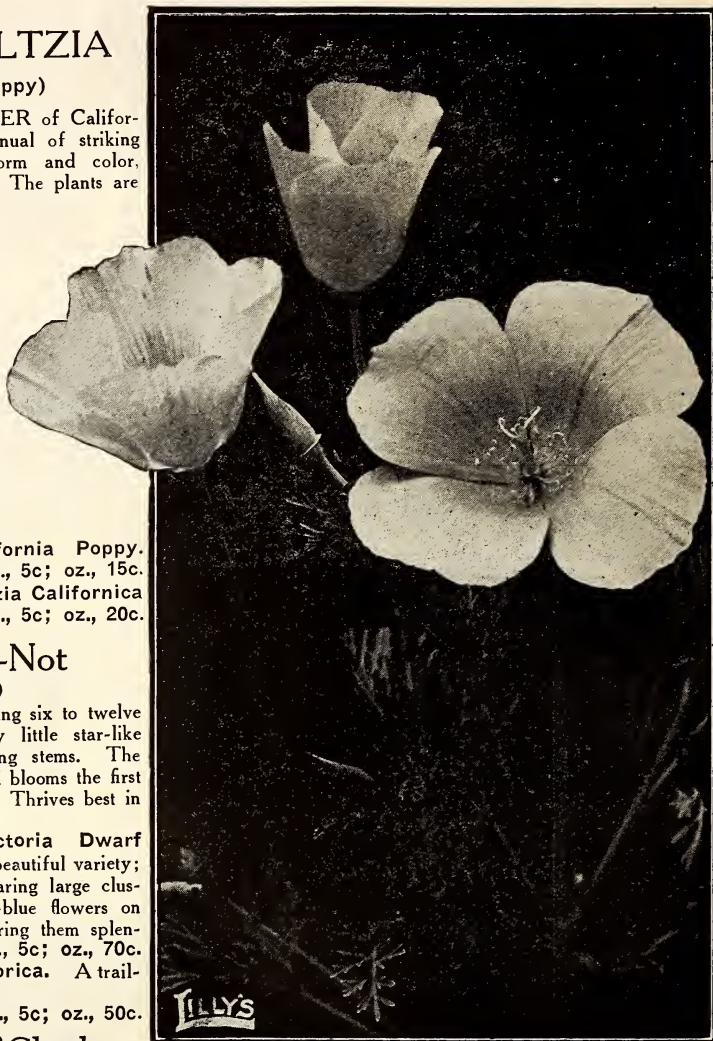
No. 165. Mixed Colors. Pkt., 5c; oz., 20c.

Gaillardia

A showy hardy-annual of the easiest culture. The plants grow in compact, bushy form, about one foot high and the same in breadth, bearing freely until late in fall, large, brilliant flowers in red and yellow, blended and shaded, on long slender stems. Splendid for borders and for cut flowers.

No. 444. Single, Annual, Mixed.

Pkt., 5c; oz., 50c.





GYPSOPHILA

(Baby's Breath)

Very pretty free-flowering plants; of easy culture; graceful and delicate; and of especial value for mixing with other flowers in bouquets.

No. 925. Lilly's Snowflake. (*Gypsophila elegans alba pura*). An improved large-flowering annual variety, producing graceful sprays of pure white blossoms. Two feet high. Pkt., 10c; oz., 25c.

No. 917. *Gypsophila elegans*. Annual. White. One and one-half to two feet high.

Pkt., 10c; oz., 25c.

No. 376. *Gypsophila elegans*, mixed. Annual. Mixed colors. Pkt., 5c; oz., 20c.

No. 918. *Gypsophila paniculata*. Hardy perennial. White. Two and one-half feet high. Pkt., 10c; oz., 40c.

Godetia

(Evening Primrose)

An attractive hardy annual, of compact growth, about ten inches high, bearing a profusion of satiny, cup-shaped flowers in red, pink and white, shaded and blended.

No. 494. Semi-dwarf varieties; mixed colors. Pkt., 5c; oz., 25c.

Gourds

Rapid growing half-hardy annual climbers. The ornamental foliage makes them useful for covering arbors, fences, stumps, etc., and the oddly shaped and highly colored fruits make them interesting.

No. 476. Mixed Varieties.

Pkt., 5c; oz., 15c.

Heliotrope

A popular half-hardy perennial for bedding and pots. Flowers sweetly scented. Height two feet. No. 127. Choice Mixed.

Pkt., 10c; oz., \$1.50.

Japanese Hop

(*Humulus Japonicus*)

A very ornamental and fast-growing half-hardy annual, making a growth of ten to twenty feet in one season. The dense foliage resembles the common hop, but does not bear hops.

No. 412. Japanese Hop. (*Humulus japonicus*). Luxuriant, dark green foliage.

Pkt., 5c; oz., 50c.

No. 413. Variegated Japanese Hop. (*Humulus japonicus foliis variegatis*). Leaves liberally striped and blotched with silvery-white and gray on deep green.

Pkt., 10c; oz., 60c.



HELIANTHUS

(Sunflower)

These hardy annuals are splendid for backgrounds, or even for bedding, and must not be confused with the common sunflower bearing one immense single flower. These grow four to six feet tall, branching, and bearing a multitude of small, artistic flowers.

No. 926. Lilly's Miniature Sunflower. (*Helianthus cucumerifolius*). A magnificent variety growing about four feet high, and bearing small, single, yellow, daisy-like flowers, with black centers. Makes an artistic background, and is good for cutting. Pkt., 10c; oz., 25c.

No. 128. Dwarf, Double Sunflower. (*Helianthus nanus fl. pleno*). A very double, dwarf variety, altogether different from the ordinary single varieties, and much more beautiful. About four feet high.

Pkt., 5c; oz., 15c.

HOLLYHOCK

ONE OF THE MOST MAJESTIC of hardy plants, and unequaled for planting among shrubbery or for backgrounds for other plants.

They grow six to ten feet high, bloom for a long period, and are very easy to grow. The tip may be pinched off when they reach the desired height, thus inducing earlier development of the side branches, and forming a bush. If not pinched back, the center spike will reach a height of eight or ten feet, after which it will throw out branches three to five feet long, with spikes on each, in the form of a canelabra.

No. 961. Lilly's Annual Everblooming Hollyhocks. This splendid new variety of the old favorite, hollyhock, is a hardy annual, and if planted early will begin blooming in July or August of the same year, and continue until killed by frost. The diversity of forms and colors among the flowers affords many delightful surprises. Some of the plants will produce densely double flowers, others semi-double, and others single, of unique forms and beautiful colors. Pkt., 10c; oz., \$1.50.

No. 37. Double Hollyhocks. The best double perennial hollyhocks in mixed colors. Pkt., 10c; oz., 80c.

Kudzu Vine

(*Pueraria thunbergiana*)

An immensely vigorous vine, producing stems fifty feet long in a season after it has become well rooted. At home, in Japan, it is covered with clusters of fragrant, sweet pea shaped, purple flowers. In this country it is an uncertain bloomer, but covers everything in reach with its luxuriant foliage. The vines die down in winter, but the roots throw out new sprouts in spring. It is a valuable forage plant, and is being experimented with for that purpose in this country. It is rather difficult to start from seed, but is easily grown from cuttings.

No. 994.

Pkt., 10c; oz., 40c.

LARKSPUR

(*Delphinium*)

Popular garden plants of easy culture. The tall varieties are suitable for shrubberies and borders, and the dwarf varieties for beds. Both are splendid for cutting.

No. 927. Lilly's Giant Larkspur. A splendid hardy annual larkspur, growing only one foot high, and producing giant, double, hyacinth-like blooms in a variety of charming colors. Excellent for cutting and for beds. Pkt., 10c; oz., 30c.

No. 208. Perennial Larkspur. (*Delphinium elatum hybridum* flore pleno). Hardy perennials, growing three to five feet high, with long spikes covered with large double and semi-double flowers. Mixed colors. Pkt., 5c; oz., 20c.

Linum

(Flowering Flax)

A hardy annual, about one foot high, of slender and graceful appearance, with smooth stems and bright red flowers which are borne in great profusion. Can be sown early outdoors, and thrives in partial shade.

No. 243. *Linum grandiflorum rubrum*. Pkt., 5c; oz., 20c.

Lupins

(*Lupinus*)

Hardy, ornamental, free-flowering annuals, growing two to three feet high, bearing richly colored pea-shaped flowers on long graceful spikes.

No. 46. Mixed Colors.

Pkt., 5c; oz., 15c.

Lychnis

(Jerusalem Cross. *Lychnis chalcedonica*)

Handsome hardy perennial plants, growing two to three feet high, and bearing bright scarlet flowers. Excellent for massing in beds and borders. Will bloom the first year if seed is sown early.

No. 47. Mixed Colors.

Pkt., 5c; oz., 50c.



Make your home more cheerful. Plant some flowers.

LOBELIA

A pleasing half-hardy annual, growing four to six inches high, forming compact little bushes, literally covered with small bright flowers. Splendid for borders or hanging baskets.

No. 195. Emperor William. A very dwarf, compact variety, completely covered with white, blue-margined flowers from June to November.

Pkt., 10c; oz., \$2.00.

No. 196. Crystal Palace. Compact plants, dark foliage, and rich deep blue flowers.

Pkt., 5c; oz., \$2.50.

No. 304. Gracilis. A trailing variety, with light green foliage light blue flowers.

Pkt., 5c; oz., 75c



MIGNONETTE

No garden is complete without this old favorite. It is a hardy annual, growing a foot or more in height, and bearing pyramidal-shaped flower spikes about six inches long, and made up of thickly set florets, which are exceedingly fragrant. Valuable for potting, bedding, or borders.

No. 420. Parson's White. A tall variety, with long, almost pure white spikes. Pkt., 5c; oz., 20c.

No. 252. Golden Queen. Compact, with very fragrant, golden-yellow flowers. Pkt., 5c; oz., 30c.

No. 139. Reseda Odorata. The old-fashioned Sweet Mignonette. Mixed colors.

Pkt., 5c; oz., 15c.

MARIGOLD

Another of the good old-fashioned plants, without which no garden is complete. They are hardy annuals; the foliage is bright green, deeply cut and graceful, and flowers in various shades of yellow and brown are borne until killed by frost. The tall varieties are valuable for bedding and backgrounds, and the dwarf varieties for borders.

No. 409. Tall Double African. (Tagetes erecta fl. pl.). About eighteen inches high. Mixed colors. Pkt., 5c; oz., 25c.

No. 410. Tall Double French. (Tagetes patula fl. pl.). Tall; double flowers; mixed colors.

Pkt., 5c; oz., 30c.

No. 146. Dwarf Double French. (Tagetes patula nana fl. pl.). Nine to twelve inches high; double flowers; mixed colors.

Pkt., 5c; oz., 25c.

Mimulus

A half-hardy perennial, flowering the first year from seed if started under glass, and may be handled as a half-hardy annual.

No. 928. Hose-in-Hose. (Mimulus quinquevulnerus maximus duplex). A new five-spotted Mimulus, with extra fine flowers, sulphur ground spotted with scarlet and pink. Very fine, and well suited to the Pacific Coast. Pkt., 10c; oz., \$2.50.

No. 49. Musk Plant. (Mimulus moschatus). Very fragrant. Small yellow flowers spotted with brown. The plants are trailing, and are fine for hanging-baskets and window gardens.

Pkt., 5c; oz., \$2.50.

No. 50. Monkey Flower. (Mimulus tigrinus). Curiously shaped yellow flowers, spotted like a tiger's skin. About eight inches high. An effective pot plant.

Pkt., 5c; oz., \$2.50.

Mina Lobata

A half-hardy Mexican climbing annual, attaining a height of eighteen to twenty feet. The buds are a vivid red, turning to orange-yellow before opening, and the flowers when fully opened are creamy-white; covering the plant from bottom to top. Seed should be planted early under glass or in the house.

No. 384. Pkt., 10c; oz., \$2.50.

MOON FLOWER VINE

The most rapid growing of all climbing flowering annuals, invaluable for trellis or arbor, quickly attaining a height of twelve to fifteen feet, and producing a dense mass of heart-shaped leaves as a background for the thousands of large, sky-blue, fragrant flowers, which open in the evening, and remain open until the next noon. It is never troubled with insects.

No. 959.

Pkt., 10c; oz., 40c.

MORNING GLORY

Well known hardy climbing annuals, growing about ten feet high, and bearing pretty flowers in a variety of colors and tints, fully expanded only in the morning. Of easy culture and quick growth.

No. 600. Imperial Japanese Giant Morning Glory. Of remarkable size. The vines present a beautiful wall of luxuriant foliage, thick with flowers of gigantic dimensions, measuring four to six inches across, and of exquisite colors and shadings.

Pkt., 10c; oz., 15c.

No. 41. Convolvulus Major. The old-fashioned Morning Glory. Makes a growth of ten or twelve feet. Mixed colors. Pkt., 5c; oz., 15c.

No. 23. Convolvulus Minor. A dwarf, or bush, variety, growing about one foot high, bearing flowers same as the tall variety. Pkt., 5c; oz., 15c.

Nemophila

(Love Grove)

A pretty, hardy annual, growing about six inches high, with small cup-shaped blossoms about one inch in diameter, in white and various shades of blue. In blossom throughout the summer. Thrives best in a cool, moist location.

No. 54. Choice varieties, mixed.

Pkt., 5c; oz., 25c.

Nigella

(Devil-in-a-Bush, or Love-in-a-Mist)

A compact, free-flowering, hardy annual, growing about one foot high; with finely cut foliage, oddly shaped blossoms in blue and white, and curious seed pods.

No. 248.

Pkt., 5c; oz., 20c.



NICOTIANA

(Flowering Tobacco)

Showy and profuse flowering half-hardy annuals, giving a continuous display of brilliant flowers during the entire summer and autumn. The plants are of branching habit, about three feet high, and bear a profusion of bright colored, fragrant flowers in clusters.

No. 825. *Nicotiana Sanderae*. This beautiful new hybrid Flowering Tobacco gives a gorgeous display of bright purple, violet, rose, crimson, pink, and white flowers from early summer until killed by frost.

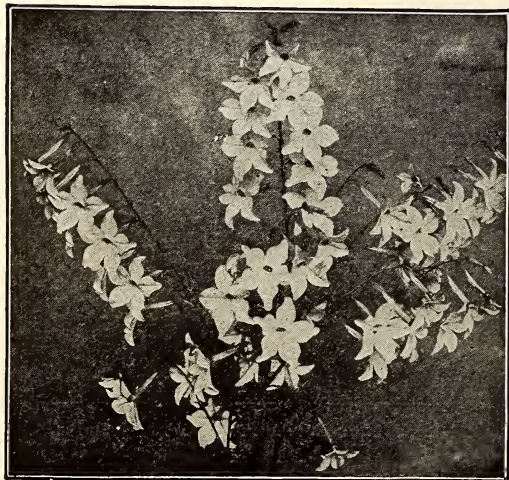
Pkt., 15c; oz., \$1.00.

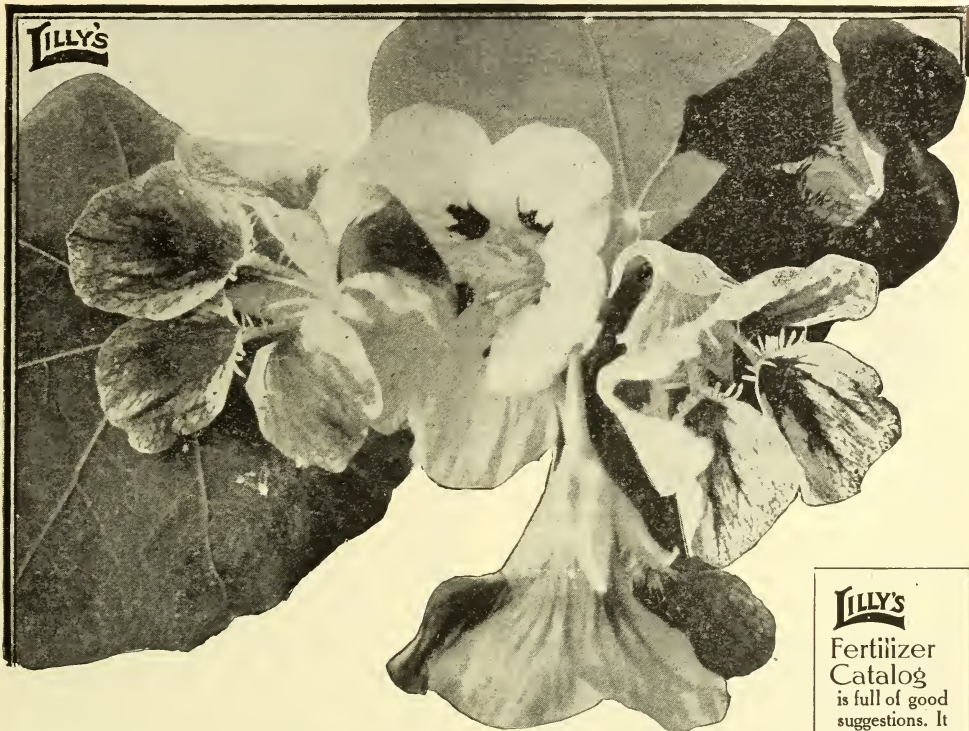
No. 247. *Nicotiana Affinis*. A sweetly fragrant annual, with pure white, star-like flowers that bloom continually.

Pkt., 5c; oz., 30c.

No. 447. *Nicotiana Sylvestris*. One of the most ornamental of the Flowering Tobaccos. It grows about four feet high, with rich, deep green foliage, and pure white, very fragrant, drooping flowers.

Pkt., 5c; oz., 30c.





LILLY'S NASTURTIUMS

GIANT FLOWERING

LILLY'S

Fertilizer
Catalog

is full of good
suggestions. It
is free for the
asking. : :

NASTURTIUMS are among the most satisfactory and easily grown annuals, and there is nothing more pleasing than the harmonious blending of the various shades of green, yellow, brown and red in a border or bed of Dwarf Nasturtiums, or a trellis or wall covered with the climbers.

They are especially adapted to the climate of the Pacific Coast, and with very little care the largest and most perfect blooms may be had from early summer until late in the fall.

Climbing Nasturtiums

No. 901. Zanderi Nigrum. (Roi des Noirs, or King of the Blacks.) Very dark red. Dark foliage.

No. 903. Golden Queen. Pure golden-orange.

No. 904. Lilli Schmidt. Orange-scarlet.

No. 905. Giant of Battles. Light yellow, spotted with bright red.

No. 906. Pearl. Creamy white.

No. 263. Coccineum. Scarlet.

Pkt., 5c; oz., 10c, postpaid.

No. 262. **LILLY'S ROYAL MIXED, TALL.**

A splendid mixture of the best varieties, and including all the harmonizing colors.

Pkt., 5c; oz., 10c; lb., 50c, postpaid.

Dwarf Nasturtiums

No. 907. Vesuvius. Salmon-rose. Dark foliage.

No. 908. Dwarf Pearl. Creamy white.

No. 909. Ruby King. Ruby-red. Dark leaved.

No. 910. Spotted King. Dark yellow, brown spotted, with dark foliage.

No. 911. Chameleon. Cream-white bright scarlet spotted, with dark scarlet edges. Dark leaves.

No. 264. Empress of Indian. Brilliant dark scarlet. Very dark foliage.

Pkt., 5c; oz., 10c; postpaid.

No. 929. Queen of Tom Thumbs. A magnificent bedding variety, bearing large, brilliant scarlet, velvety flowers, and variegated foliage.

Pkt., 10c; oz., 25c; postpaid.

No. 262. **LILLY'S ROYAL MIXED, DWARF.**
The choicest dwarf varieties; similar to the Royal Mixed, Tall, except that the plants are of dwarf, bushy growth, suitable for bedding or borders.

Pkt., 5c; oz., 10c; lb., 65c; postpaid.

LILLY'S CROP BOOK gives cultural directions, and will be furnished with any order.



LILLY'S

SUPERB PANSIES

Choicest Varieties—Magnificent Flowers

PANSIES, although always garden favorites, have been improved by selection and hybridizing until they are now greatly superior to the pansies of a few years ago; attaining immense size, and blooming profusely and continuously.

The pansy demands considerable attention, but no flower will respond more readily, or repay more liberally.

We have taken great care in selecting the choicest varieties, and our collection is noted for wonderful size, splendid colors, and productiveness.

No. 89. Fine Mixed. English Pansies. Finest varieties and colors, mixed. Plants of compact habit. Pkt., 5c; oz., \$1.00.

No. 90. Giant Mixed. French varieties. Immense size. Mixed colors. Pkt., 5c; oz., \$1.00.

No. 91. Odier, or Blotched. Extra choice. Finest strain of three and five-blotched show pansies. Pkt., 25c; oz., \$3.50.

No. 92. Trimardeau, or Giant. A very showy class, of vigorous, compact growth. Flowers of enormous size. Finest strain. Pkt., 10c; oz., \$1.50.

No. 94. Lord Beaconsfield. Large. Purple-violet, top petals white. Pkt., 10c; oz., \$1.50.

No. 95. Snowflake. Very large. Satiny white, light yellow center. Pkt., 10c; oz., \$2.00.

No. 96. White Trimardeau. White with three purple blotches. Very large. Pkt., 10c; oz., \$1.50.

No. 176. Silver-edged. Dark purple, white edged. Extra fine. Pkt., 10c; oz., \$1.50.

No. 177. Cassier's Large-flowered Blotched. The largest flowered class of blotched pansies. Very showy. Pkt., 25c; oz., \$6.00.

No. 178. Faust, or King of the Blacks. Very dark, almost black. Immense size. Pkt., 10c; oz., \$1.50.

No. 179. Gold-margined. Purple, with gold border. Large and showy. Pkt., 5c; oz., \$1.50.

No. 203. Emperor William. Cornflower-blue. Immense size and very showy.

No. 429. Goldelse, or Yellow Gem. Pure golden-yellow. Large. Pkt., 10c; oz., \$2.25.

No. 930. LILLY'S COLOSSAL MIXED. A splendid mixture of all the choicest large-flowering varieties and best colors.

Pkt., 25c; oz., \$15.00.

PINKS

(Dianthus)

THIS FAVORITE family embraces some of the most beautiful and sweet-scented flowers, producing a great variety of beautiful and pleasing colors and shades. They are hardy annuals, easy to grow, and will flower the first season from seed sown outdoors early in spring, continuing to bloom during the entire summer. Excellent for cutting, as well as for bedding. Height one foot.

No. 122. Japanese Pinks. (Dianthus Hedde-wigi laciniatus.) Finest single-flowered Japanese

Pinks, mixed. Pkt., 5c; oz., 50c.

No. 123. Diadem Pinks. (Dianthus Hedde-wigi diadematus fl. pl.) Large, double Japanese Pinks. Mixed colors. Pkt., 5c; oz., 30c.

No. 28. Chinese Pinks. (Dianthus Chinensis fl. pl.) A mixture of the choicest double varieties. Pkt., 10c; oz., 75c.

No. 288. May Pinks. (Dianthus plumarius.) The old-fashioned, single-flowered, garden, or border Pink. Pkt., 5c; oz., 25c.



PETUNIAS

PETUNIAS are half-hardy annuals, and are easy to grow, especially the single varieties.

The plants bloom early and profusely, furnishing a wealth of bright colors and delicate shades until killed by frost. They are particularly useful for massing against shrubbery, and may also be grown in pots for winter decoration.

The double varieties are most difficult to grow. The plants should be started under glass, and the seed is very expensive, as it can only be produced by hand pollination.

No. 65. Lilly's Fringed Large-flowered Double Petunia. (*Grandiflora fimbriata* fl. pl.) This is the highest development of the Petunia, improved by careful selection and artificial pollination until it little resembles the old varieties. About thirty-five per cent of the flowers will be double, the balance being immense, fringed, single flowers of the most beautiful colors. Pkt., 25c.

No. 66. Choice Double Petunia, Mixed. (*Hybrida* fl. pleno.) Some of the choicest double varieties and best colors, mixed. Pkt., 25c.

No. 61. Choice Single Petunias, Mixed. (*Hybrida*.) A mixture of fine single varieties. These are easy to grow, and the seed may be sown outdoors after danger of frost is past. Pkt., 5c.



POPPIES

EARLY in spring the garden will begin to be gay with poppies, and in some one or another of their forms they will continue to bloom until killed by frost. No other plants produce such bold and brilliant flowers with the same grace of stem, ariness of poise, and delicacy of texture.

No. 314. Shirley Poppy. The most beautiful type of poppies. The large fluted and crinkled flowers are produced in such variety of forms, colors, tints, and markings that scarcely any two flowers are exactly alike. Pkt., 5c; oz., 25c.

No. 57. Carnation Poppy. Splendid double flowers; fringed. Mixed Pkt., 5c; oz., 25c.

No. 55. Peony-flowered Poppy. Large, showy, double, globular flowers. Mixed. Pkt., 5c; oz., 15c.

No. 268. Tulip Poppy. Large, tulip-shaped, single flowers. Bright scarlet. Pkt., 5c; oz., 75c.

No. 58. Umbrosum Poppy. Brilliant vermilion with black spots. Single. Pkt., 5c; oz., 15c.

No. 341. Iceland Poppy. A graceful, delicate variety, with dark red, single flowers, the petals resembling crumpled tissue paper. The plant is low-growing, but the stems are long and slender.

This variety is a hardy perennial, but will bloom the first year from seed. Pkt., 10c; oz., \$2.00.

No. 351. Mixed Poppies. All the single, annual varieties and colors mixed. Pkt., 5c; oz., 20c.

PHLOX

FOR beds and massing, nothing can surpass these beautiful hardy annuals. They produce immense trusses of large, brilliant flowers, of a great variety of colors and shades, throughout the summer. The plants grow twelve to eighteen inches high.

No. 336. Lilly's Star Phlox. The beauty and brightness of this variety cannot be over-praised. The plants are dwarf, about twelve inches high, and are lavishly covered with large umbels of star-shaped flowers of the most brilliant colors. They are of the easiest culture, and are unexcelled for bedding. Mixed colors.

Pkt., 5c; oz., \$1.25.

No. 919. Lilly's Large-flowering Phlox. (Phlox Drummondii Grandiflora.) This is the finest type, having the largest heads of bloom and the largest individual flowers. Our seed is from a highly improved strain, producing immense trusses of extra large, perfectly round flowers, with petals overlapping each other. All the best colors, mixed. Pkt., 10c; oz., \$2.50.

No. 67. Phlox Drummondii, Mixed. The flowers are not so large as the grandiflora type, but are just as free-blooming and bright colored. Pkt., 5c; oz., \$1.00.

No. 931. Dwarf Phlox. (Nana Compacta.) This strain is of dwarf, compact habit, making them desirable pot plants, as well as for beds and borders. The plants are only six inches high, with flowers as large as the taller types.

Pkt., 10c; oz., \$2.50.

Portulaca (Sun Plant)

A creeping, half-hardy annual, with thick foliage, and bearing a profusion of brilliantly colored, cup-shaped flowers. Thrives in dry, sunny positions.

No. 69. Single, Mixed. Pkt., 5c; oz., 45c.

No. 70. Double, Mixed. Pkt., 5c; oz., \$3.00.

Pyrethrum

A hardy perennial, with bright foliage. Splendid for edging and borders.

No. 76. Golden Feather. (Pyrethrum parthenifolium aureum.) Bright, golden-yellow foliage.

Pkt., 5c; oz., 50c.

No. 342. Pyrethrum Roseum Hybridum. Large, single flowers in various shades of red and pink.

Pkt., 10; oz., \$1.00.

Salpiglossis (Painted Tongue)

A half-hardy annual, growing about three feet high, bearing trumpet-shaped flowers in rich colors. Valuable for bedding and massing, and its long stems make it excellent for cutting.

No. 406.

Pkt., 5c; oz., 50c.



Ricinus

(Castor Bean)

Ornamental annual plants of stately growth, picturesque foliage and brilliant colored fruit, producing a semi-tropical effect.

No. 140.

Pkt., 5c; oz., 10c.

SALVIA

(Flowering Sage)

Favorite bedding and border plants where bright colors are desired. They are half-hardy perennials, blooming the first year from seed if sown early. Also useful for pot plants, for window boxes, conservatories, and for cut flowers. The plant is bushy, grows two to three feet high, and bears a profusion of flowers in drooping spikes. Very fragrant.

No. 920. Scarlet Sage. (Salvia Splendens.) The most intense, glistening scarlet. Produces a gorgeous effect in a bed, and is splendid in working out color schemes if properly used.

Pkt., 5c; oz., \$3.00.

No. 142. Blue Sage. (Salvia Patens.) This is as blue as the Scarlet Sage is red.

Pkt., 15c; oz., \$8.00.

What is home without a flower-bed?



LILLY'S
CROP
BOOK
 contains
 cultural
 directions.
 We will
 furnish it
 free with
 any order
 if asked
 for.

PRIMROSE

(Primula)

PPRIMROSES are among the most charming perennials for winter and spring decoration in the house or conservatory, being splendid winter blooming pot plants. They are also excellent for beds and borders, especially on the Pacific Coast, where they may be grown outdoors without protection.

No. 72. Chinese Primrose. (*Primula chinensis fimbriata* fl. pl.) A splendid mixture containing only the finest fringed, free-flowering, double, Chinese Primroses.

Pkt., 25c.

No. 73. Primula Auricula. A dwarf plant, splendid for rockeries, borders or pots, bearing clusters of large, single, fragrant flowers.

Pkt., 25c; oz., \$6.00.

No. 74. Japanese Primrose. Hardy, robust plants, three feet high, bearing for a long period, large trusses of bright and showy flowers.

Pkt., 10c; oz., \$3.00.

No. 75. Primula Veris. The early, spring flowering, old-fashioned, border primrose.

Pkt., 10c; oz., \$2.00.

No. 315. Primula Obconica Grandiflora. Bears trusses of large, fringed flowers. Splendid for either pots or beds. Mixed colors.

Pkt., 25c; oz., \$6.00.

Scabiosa

(Mourning Bride)

This splendid hardy annual is the old favorite, Mourning Bride, much improved in size and form. It begins to bloom early in July, and continues without interruption until killed by hard frost. The plants grow about two and one-half feet high, and are excellent for borders and beds.

No. 130. Tall, Mixed Colors. Pkt., 5c; oz., 25c.

No. 143. Dwarf, Double, Mixed Colors. Pkt., 5c; oz., 20c.

STOCKS

(Gilliflower)

Stocks are among the most popular half-hardy annuals for bedding, edgings, pot culture, and for cut flowers. For brilliancy and diversity of color, fragrance, profusion and duration of bloom, they are unsurpassed.

The plants are of good habit, and grow about two feet high.

No. 170. Emperor Ten Weeks Stocks. A magnificent, perpetual-blooming variety. If seed is sown in March or April, they will begin to bloom in July, continuing to bear a mass of very double and delightfully fragrant flowers of great beauty, until killed by frost. Splendid for cutting. Mixed colors. Pkt., 10c; oz., \$5.50.

No. 932. Dresden Ten Weeks Stocks. Flowers are double and very large. The finest for cutting. Pkt., 10c; oz., \$4.25.

No. 84. Large-flowering Dwarf Ten Weeks Stocks. Dwarf plants and very large flowers. Pkt., 10c; oz., \$2.00.

No. 377. Large-flowering Tall Wallflower-leaved Ten Weeks Stocks. The plants are about one and one-half feet tall, and bear a profusion of immense flowers. Pkt., 10c; oz., \$3.50.

No. 85. Brompton, or Winter, Stocks. These are biennials. Pkt., 10c; oz., \$5.00.





LILLY'S

MRS. RUTZAHN
SPENCER

LILLY'S SWEET PEAS

Spencer or Orchid-Flowered Type

SWEET PEAS are the most universally popular flowers, and deservedly so, for they are of the easiest culture, thrive almost any place, bloom prodigally and continuously during nearly the entire summer, and the beauty and fragrance of the superb flowers is incomparable. They are unequaled as cut flowers, keeping in perfect condition for more than a week.

The Spencer type is the most highly improved type of sweet peas. When grown under congenial conditions, the plants are robust, growing six to ten feet high, the stems are a foot or more in length,

large and strong, making them valuable for cutting, and three or four flowers are borne on each stem. The flowers are often two and one-half inches across, and are beautifully formed, with huge standards, open and upright, and immense wings gracefully poised. Both standards and wings are daintily waved and fluted, and the colors, shades and tones are delicate and dainty beyond comparison.

The halftone on the opposite page is made from a photograph of a not uncommon specimen of this type, grown from our seed, and is exactly life size.

No. 949.

Countess Spencer

The original of the superb Spencer type. Bright, clear pink, shaded to a richer and deeper pink at the edges.

No. 993.

Gaiety Spencer

Rosy-magenta flaked on white. One of the best of the Spencers.

No. 1001.

White Spencer

Pure white, and of the true Spencer form, extra large and wavy, with very long stems.

No. 1002.

Primrose Spencer

Clear, distinct primrose, without a trace of other colors. Fine, large, wavy standard and wings.

No. 953.

Helen Lewis Spencer

Standard rich crimson-orange; wings orange-rose. A beautiful, distinct variety.

No. 978.

John Ingman Spencer

Beautiful rose-carmine, showing veins of a deeper shade.

No. 992.

Mrs. Walter Wright Spencer

Rose-purple, self-colored; large; shell-shaped. Very beautiful.

No. 1005.

Asta Ohn Spencer

Soft, pinkish-lavender. Very large and wavy. The best lavender Spencer.

No. 1006.

Flora Norton Spencer

Bright blue with a slight tint of purple. Nicely waved.

No. 1008.

Dainty Spencer

White with rose-pink edges. Very large. One of the most beautiful Spencers.

No. 1010.

Mrs. Joseph Chamberlain Spencer

White striped with rose. Large and elegantly waved.

No. 1009.

King Edward Spencer

The best pure red Spencer. Very large, with immense wings.

No. 1011.

Mrs. Rontzahn Spencer

A beautiful blending of straw-color tinted with blush-pink and shading to apricot and rose at the edges.

No. 1014.

Florence Morse Spencer

Delicate blush with pink margin. A beautiful flower of very large size.

LILLY'S

MIXED SPENCERS

No. 1007.

This splendid mixture contains nearly all varieties of the Spencer type, mixed for the benefit of those who wish all varieties, but do not care to keep them separate. The flowers are the same as those produced by the straight varieties.

Prices: 10c per packet; 40c per ounce; postpaid.

LILLY'S COMPLETE FERTILIZERS produce wonderful results.


Write for LILLY'S FERTILIZER CATALOG.

LILLY'S SWEET PEAS

UNWIN TYPE

No. 951.

Gladys Unwin

 THIS belongs to a class by itself, very similar to the Spencer Type, but slightly smaller and more free-flowering. The color is a clear, bright, light pink, shaded a little deeper at the edges. It has the same open form and wavy edges as the Countess Spencer, but is lighter colored.

No. 974

Frank Dolby

Delicate light lavender of great beauty. Bold, wavy standard and widely spreading wings.

No. 982

Mrs. Alfred Watkins

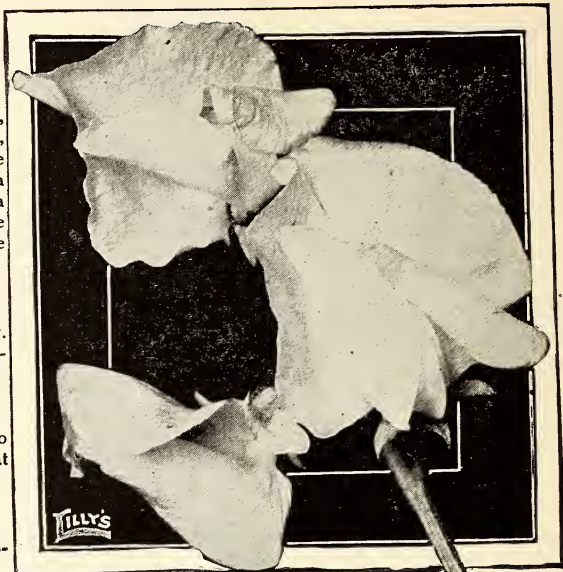
Standard pink at the base, shading to blush and buff at edges. Wings blush at base, shading to rose at edges.

No. 971.

E. J. Castle

Bright rose-crimson with veins of deeper rose. Magnificent open form.

Prices: Pkt., 10c; oz., 40c; postpaid.



ROYAL MIXTURE

No. 958



INCLUDED in this mixture are some of the best of all types and varieties of Sweet Peas. No dull colors, no small flowers. Every seed is of some worthy variety, and every flower will be as large and beautiful as those of the straight varieties. If you do not care to keep the colors separate, you will find this mixture more than satisfactory. It will produce a gorgeous array of the most exquisite blooms, ranging in color from the purest white to the most brilliant red, and from delicate blue to deepest purple.

Prices: 5c per pkt.; 20c per oz.; \$1.00 per lb.; postpaid.

EXTRA EARLY VARIETIES

No. 427.

Mont Blanc

Pure white; medium size; open form. The plants are rather dwarf. A splendid extra early variety.

No. 457.

Sunbeams

Like Mont Blanc, except that the color is primrose. Very early.

No. 999.

Bodger's Early Pink

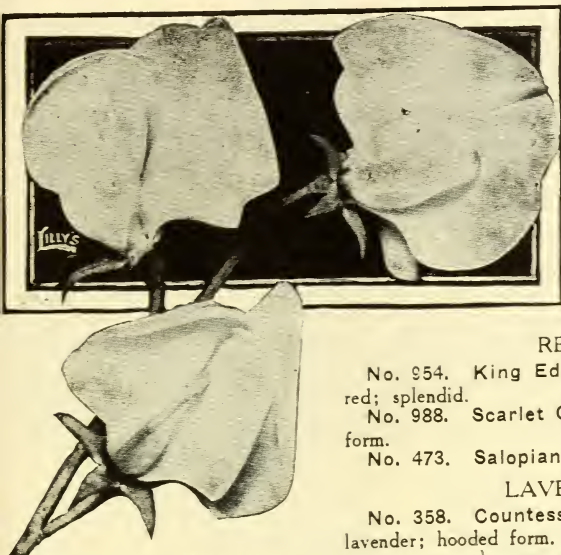
Similar to Mont Blanc, but color is light pink. Extra early, and an excellent variety.

No. 998.

Burpee's Earliest White

Very early; pure white; hooded form; medium size.

Prices: Pkt., 5c; oz., 30c; lb., \$1.50; postpaid.



LILLY'S

SWEET PEAS

Grandiflora Type

BLUE PICOTEE EDGE.

No. 981. Maid of Honor. White shaded with lilac, blue edged; hooded form; very pretty.

RED AND SCARLET.

No. 954. King Edward VII. Very large; open form; bright red; splendid.

No. 988. Scarlet Gem. Bright scarlet; medium size; open form.

No. 473. Salopian. Deep rich red. Stands sun well.

LAVENDER AND MAUVE.

No. 358. Countess of Radnor. Standard light mauve; wing lavender; hooded form.

WHITE.

No. 969 Dorothy Eckford. Pure white and large; best of the semi-hooded form.

PINK SHADES.

No. 965. Bolton's Pink. Large, semi-hooded form; salmon pink veined with rose.

No. 966. Countess of Lathom. Cream pink on primrose ground; hooded form.

No. 977. Janet Scott. Clear, deep, bright pink; very distinct; hooded form; large.

No. 980. Lovely. Deep pink shading to light at edges; hooded form; large.

No. 472. Royal Robe. Pure pink; medium size; hooded.

CREAM OR LIGHT YELLOW.

No. 976. Hon. Mrs. E. Kenyon. Light primrose; large; semi-hooded form; late.

BLUSH.

No. 990. Sensation. Standard very light pink and buff; wings pure white; hooded.

PINK AND WHITE.

No. 964. Blanche Ferry. Standard bright carmine-rose; wings white tinged with pink; open form.

No. 968. Dainty. White, shaded light pink on edges; hooded form; beautiful.

MAROON SHADES.

No. 365. Black Knight. Very deep maroon; the darkest variety; large; open form.

No. 471. Othello. Very dark maroon, showing veins almost black; large; hooded form.

ROSE AND PINK.

No. 991. Sybil Eckford. Standard light salmon and buff; wings buff; open form.

No. 474. Triumphant. Rose and crimson pink veined with scarlet rose and crimson; open form.

Price: Pkt., 5c; oz., 20c; lb., \$1.00; postpaid.

No. 465. Lady Grisel Hamilton. Standard mauve; wings very light lavender; hooded form.

No. 884. Mrs. Geo. Higginson, Jr. The clearest delicate blue; hooded form.

ROSY PURPLE SHADES.

No. 436. Captivation. Purple magenta; open form; medium size, somewhat crumpled.

No. 464. Emily Eckford. Rose purple, changing to lilac and blue; hooded form.

BLUE AND PURPLE SHADES.

No. 461. Captain of the Blues. Standard bluish purple; wings blue; hooded form.

No. 973. Flora Norton. Bright, clear blue; open form; medium size.

No. 989. Senator. Standard maroon and violet; wings violet and indigo, both striped on white; large; hooded form; splendid.

ROSE SHADES.

No. 979. Lord Roseberry. Bright magenta rose with veins of deeper shade; hooded.

No. 983. Mrs. Dugdale. Crimson rose on primrose ground; large; semi-hooded form.

No. 985. Prince of Wales. Rose crimson; large; hooded form; fine.

ORANGE AND SALMON.

No. 475. Gorgeous. Standard intense scarlet orange; wings bright rose; open form.

No. 975. Henry Eckford. Beautiful orange yellow; open form; large.

STRIPED AND VARIEGATED.

No. 364. America. Crimson scarlet striped on white; open form; large; good.

No. 489. Aurora. Orange rose striped on white; large size; hooded form.

No. 952. Helen Pierce. Pure white veined, mottled and marbled with bright blue; large; hooded form.



LILLY'S VERBENAS
GROWING SEEDS

LILLY'S

GIANT HYBRID VERBENAS

VERBENAS are low-growing, creeping, half-hardy annuals, and are splendid for beds, borders, rockeries, hanging baskets, window boxes, and for cut flowers. The plants are vigorous in growth, bloom freely, and produce large trusses of flowers ranging in colors from white through the shades of lilac and rose to purple. They are of the easiest culture, and plants from seed sown in the

house or hot-bed in March will produce blooms in June; or if sown outdoors in May will produce blooms in August, and will bloom continuously until killed by freezing weather.

Our seed is of the finest, improved, giant-flowering type.

No. 88. Finest Giant Hybrid Verbenas, Mixed Colors. Pkt., 10c; oz., \$1.25.

Schizanthus

(Butterfly Flower, or Fringe Flower)

One of the airiest and daintiest flowers imaginable. It is a hardy annual, the seeds germinate quickly, and a very few weeks after the seed is sown the plants are so completely covered with bloom as to entirely obscure the foliage. It grows about eighteen inches high, and is excellent for borders; also a charming pot plant for winter blooming in the house.

No. 80. Mixed Colors. Pkt., 5c; oz., 20c.

Silene

(Catch-fly)

A bright colored, free flowering annual, suitable for rockeries and borders.

No. 82. Mixed Colors. Pkt., 5c; oz., 15c.

Violets

These little favorites are deliciously fragrant, and are unexcelled for borders and for cutting. They are perennials, and quite hardy, but the seed is slow to germinate, and it is generally better to buy the plants than to attempt to grow them.

No. 319. Large Single Violets, Mixed. Pkt., 10c; oz., \$1.50.

Sweet William

(Dianthus Barbatus)

A dear old-fashioned plant, producing clusters of beautifully marked and gorgeously colored flowers of great fragrance. It is a hardy perennial, but produces flowers the first year from seed. It grows about one foot high, and is good for beds and borders.

No. 26. Single Sweet William.

Pkt., 5c; oz., 15c.

No. 27. Double Sweet William.

Pkt., 5c; oz., \$1.00.

Thunbergia

(Black-eyed Susan)

A hardy climbing annual, growing about four feet high, valuable for hanging baskets and for covering fences. The blossoms are very pretty, in buff, white, and orange, with dark centers.

No. 147. Mixed Colors. Pkt., 5c; oz., \$1.00.

Smilax

A tender climbing perennial with beautiful, bright green, glossy leaves, much esteemed for conservatories and window gardens on account of the delicate foliage.

No. 374.

Pkt., 10c; oz., 40c.

WALLFLOWER

AN OLD European favorite, deserving of more appreciation than is shown it in America. It is especially adapted to the Pacific Coast, where it is entirely hardy, although it must be protected during the winter in colder climates. They are perennials, grow about eighteen inches high, are

bushy, and very early in spring bear long spikes of deliciously fragrant flowers in bright colors.

No. 98. Double German Wallflower, Mixed Colors. Pkt., 10c; oz., \$3.00.

No. 99. Single Wallflower, Mixed Colors. Pkt., 5c; oz., 20c.

Wild Cucumber

(Echinocystis)

One of the quickest growing annual vines. The foliage is dense, and it is one of the best vines for covering trellises, old trees, fences, or any place where a quick, but not permanent growth is desired. A profusion of fragrant white flowers is followed by an abundance of ornamental prickly seed pods.

No. 995. Pkt., 10c; oz., 25c.

WILD-FLOWER GARDEN

There are few things more pleasing than a wild-flower garden hidden away in some secluded spot or among shrubbery. This mixture is ideal for the purpose, being composed of such hardy annuals as will require little care beyond scattering the seed, and producing a great profusion and variety of pretty flowers.

No. 438.

Pkt., 5c; oz., 30c.



ZINNIAS

THIS old favorite half-hardy annual has been greatly improved, and produces a profusion of large, double flowers; excellent for bedding and for bouquets. The plants form handsome, compact bushes, two feet high, covered with flowers of a great variety of colors and shades. They commence blooming early in summer, and continue until killed by hard frost.

No. 933. Lilly's Giant Mixed Zinnia. A choice mixture including the best and largest types, producing plants of handsome, compact form, and immense, perfectly formed, double flowers in brilliant mixed colors. Pkt., 5c; oz., \$1.00.

No. 100. Mixed Zinnia. A splendid mixture of good varieties and colors.

Pkt., 5c; oz., 40c.



LILLY'S IMPORTED LAWN GRASS SEED

For Extra Fancy Lawns

FOR those who wish an extra fancy lawn, and are willing to pay for the best seed that money can buy, we have prepared a mixture composed of the choicest imported lawn grass seeds, carefully selected as being adapted to conditions on the Pacific Coast, producing a firm, rich, green, velvety turf of uniform color, and which in our climate remains green all the year.

Perfect lawns, such as may be produced in our ideal climate and soil, are entirely too scarce. A lawn is permanent, and as little can be done to improve it after it is established, great care should be taken in preparing the soil. As the greatest expense

of establishing a perfect lawn is in properly preparing the soil, it is poor economy to sow any but the very best seed.

As the grasses contained in this mixture are not so easily started as the more hardy grasses, we would recommend the Nonpareil Lawn Grass for those who do not care to give the lawn the extra care which an especially fine lawn requires.

Sold only in sealed packages. Price, 35c per quart package. If sent by mail, postage is 10c per package additional.

4-lb. carton, \$1.50. Cannot be mailed.

LILLY'S Kentucky Blue Grass

Our Kentucky Blue Grass Seed is purchased in carload lots from the most reliable growers in Kentucky, and is the very best that is to be had. It is re-cleaned by us, and is guaranteed to be free from Canadian Blue Grass and other cheaper seeds.

1-lb. carton, 35c. Postage 10c additional. If wanted in larger quantities, write for prices.

LILLY'S White Clover

Lilly's Best White Clover is the best seed that can be grown, is re-cleaned, and guaranteed to be 99% pure.

1-lb. carton, 50c. Postage 10c additional. If wanted in larger quantities, write for prices.

LILLY'S SEEDS are tested.



LILLY'S NONPAREIL LAWN GRASS SEED

Forms a Tough and Enduring Turf—Always Green

NONPAREIL LAWN GRASS SEED is a mixture of many of the best imported and domestic grasses; early, medium, late, short, tall, bunch, and those with creeping roots, scientifically selected to produce a lawn which will be green all the year, forms a thick, matted turf, which will actually be improved by tramping, with roots reaching far into the ground to withstand drought and prevent heaving in winter, and especially adapted to the climate and soils of the Pacific Coast.

This mixture contains some White Clover, to make a quick showing and act as a nurse crop for the grasses, and the grasses are more hardy and not so fine as those in the Imported Lawn Grass Mixture,

but it will produce a splendid lawn with less care, and is preferable for the ordinary lawn, where utility and endurance are more desired than the satisfaction of having the very finest that it is possible to obtain.

As lawns are kept trimmed, and not allowed to reseed themselves, they will naturally need to be reseeded about every third year. One pound of this seed is sufficient for about three hundred square feet of new lawn, or half that amount to renew an old lawn.

Quart packages (about one pound), 25c.
Postage 10c additional. Five pounds or more, 20c per lb.

LILLY'S MAKALAWN

Produces Remarkably Quick Results

A COMBINATION of choice, selected lawn grass seeds and quick acting fertilizers, held in a dormant state until combined with soil and water, when it springs into life immediately, and produces a splendid lawn in an incredibly short time. It is equally good for establishing new lawns or re-

newing old lawns. Five pounds is sufficient for one thousand square feet of new lawn, or two thousand square feet of old lawn.

Packed in 5-lb. packages only. Price, \$1.00 per package. Cannot be mailed.

It is a crime to have an unsightly lawn in this country, where the most perfect lawns are so easily produced and maintained. The seed is an insignificant part of the expense, and none but the best should be sown. The Crop Book contains a good article on making and care of the lawn. It will be furnished free with any order if requested with the order.

LILLY'S GRASS AND FIELD SEEDS



GREAT CARE should be exercised in purchasing grass and clover seeds. This is even more important than with other seeds, for on account of being perennials, and the land not being cultivated, it is difficult enough at the best to keep weeds down, without sowing weed seeds. Also, they are the most easily adulterated with cheaper seeds or dead seeds which will not germinate, and for that reason it is more economical to buy the very best seed obtainable at the highest price than ordinary seed at half the price. Cheap seed is expensive at any price.

We of the Northwest are greatly favored in the splendid Washington State Pure Seed Law. This law not only requires a high state of purity, but also requires that all packages of seeds weighing one pound or more shall bear the name of the seed and the name and address of the seedsman. No seed should be accepted unless these requirements are complied with.

We recommend that before any lot of seed is sown, a sample, showing the name of the seedsman from whom the seed was purchased, should be mailed

to Prof. H. D. Scudder, of the United States Department of Agriculture, at Corvallis, Oregon, to be tested for purity and germination. The report will show the number of good seeds in the sample, the number of each kind of foreign seeds and the number of good seeds which would germinate; also the number of weed seeds that would be sown on an acre of ground. This service is a great boon to the farmer, is absolutely free, and you should never fail to take advantage of it.

We do not handle any seeds which do not comply strictly with the Washington State Pure Seed Law, and all seeds branded **LILLY'S** are much better than the law requires. They are the best seeds that can be procured, and are carefully re-cleaned with our splendid modern seed-cleaning machines.

We make a specialty of grass and clover seeds, handle them in much larger quantities than any other seedsmen in the West, and thus have a great advantage over our competitors.

Purchase only seeds branded **LILLY'S**; the difference in price is slight, but the difference in quality is great.

"I have had very good results from your seeds so far, and find them the best I have ever used. Have a fine lawn from your Blue Grass seed."

CHAS. BRUMBAUGH,
White Bluffs, Wash.

"I have used your grass seed and have had fine results. It was the nicest and cleanest seed I have ever used."

A. L. GROSS,
Starbuck, Wash.

"It is certainly the finest clover seed I have ever seen. If it isn't a good crop it won't be the fault of the seed."

GEORGE W. EUSTACE,
R. F. D. No. 3, Tacoma, Wash.

"I am desirous of obtaining Clover, Alsike and Timothy seed to sow about twenty acres of land this spring, and have had great difficulty in obtaining pure seeds, free from poisonous weeds, etc. In order to escape these results I have written to the Bureau of Plant Industry at Washington, D. C., and have been recommended to your firm as one upon which I could rely to get pure seeds free from weeds and other poisonous matters. Please let me have your prices on the seeds named, and also whether or not you guarantee the same. Also let me know if you handle corn seed, and if so your prices, and the kind of corn you would recommend for silage purposes in this section of the country."

O. L. BROWN,
Bellingham, Wash.

Only the Very Best Seeds That Can Be Grown Are Branded **LILLY'S**

LILLY'S BEST ALFALFA

(Medicago sativa)

Absolutely free from Dodder
99% Pure

ALFALFA is the most valuable hay, forage and silage crop wherever it can be grown, and in addition to producing each season three or four heavy crops of the most nutritious food for cattle, sheep, hogs and poultry, it is a wonderful improver of the soil. In common with other legumes, it draws nitrogen from the air and distributes it in the soil, thus increasing the fertility instead of depleting it.

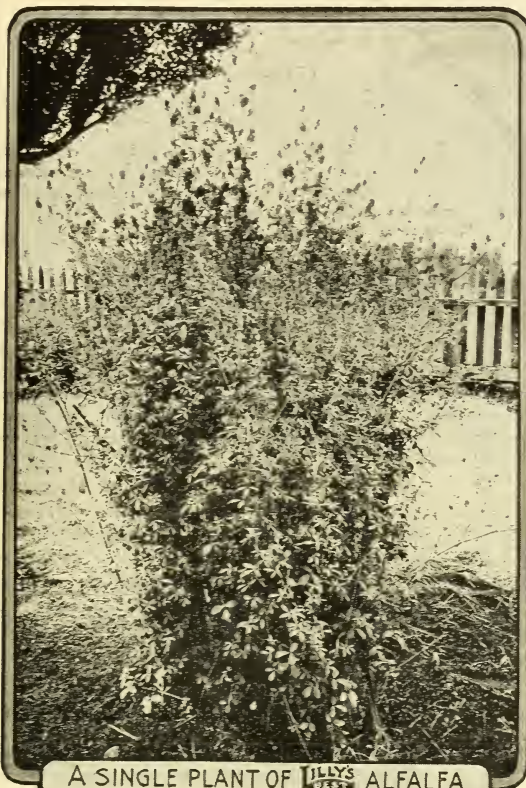
It has an immense root system, the tap-roots going down ten or fifteen feet, and in texture of the soil and bringing to the surface fertility which would not be reached by other plants.

Alfalfa requires a rich soil, well drained, for if the roots reach a subsoil on which water stands, the plant will be drowned out. This accounts for the fact that there are few places west of the Cascades where alfalfa can be grown successfully.

No alfalfa seed should be sown without first having a sample tested as suggested on the previous page. The worst enemy of the alfalfa grower is dodder. It is very difficult to obtain alfalfa seed which does not contain more or less dodder seed, and the utmost caution must be taken to avoid sowing such seed.

LILLY'S ALFALFA is absolutely free from dodder or other weed seeds, and is better than 99 per cent pure. It is extra fancy seed, is re-cleaned and only the largest and plumpest seeds retained. It sometimes happens that we are unable to produce seed good enough to brand **LILLY'S** in which case we write to our customers requesting the privilege of substituting Choice Alfalfa.

CHOICE ALFALFA is good commercial seed, and better than the best that can usually be procured in the open market. It complies strictly with the Washington State Pure Seed Law, is free from dodder, Canada thistle and wild mustard, and is at least 96 per cent good sound seed. However, we recommend that only **LILLY'S** Alfalfa be sown when it can be procured. It is poor economy to economize on seeds.



A SINGLE PLANT OF **LILLY'S BEST** ALFALFA

Turkestan Alfalfa

(Medicago Turkestanica)

THIS variety is almost identical with Medicago Sativa, except that it is supposed to be more hardy and better adapted to very dry land. It was introduced from Central Asia in 1898 by Prof. N. E. Hanson, under the auspices of the United States Department of Agriculture.

We have only one grade of Turkestan Alfalfa. It is better than is required by the Pure Seed Law. Sow 8 to 15 lbs. per acre.

Crimson Clover

(Trifolium incarnatum)

CRIMSON CLOVER is an annual, useful principally as a cover crop and to plow under as a green manure. It can be grown in the Willamette Valley, and is a good crop in California, but further north we do not recommend it, as Vetch is a much more satisfactory crop. We have only one grade of Crimson Clover, which we guarantee to comply with the Pure Seed Law.

Sow 12 to 20 lbs. per acre.

LILLY'S
LILLY'S



RED CLOVER

(*Trifolium pratense*)

99% PURE SEED

RED CLOVER is to the country west of the Cascades what alfalfa is east of the mountains, and where alfalfa cannot be grown this is the most valuable of all hay, forage or silage crops. It produces three crops each season for several years and the food value and fertilizing qualities are about the same as alfalfa and vetch.

Great care should be exercised in purchasing seed, for beside the danger of sowing troublesome weed seed on your farm, cheap seed is very liable to cost more than good seed at twice the price. Some seed contains as low as 20 per cent good sound seed which will grow. It is easily understood that this is more expensive than a high grade containing 99 per cent good seed.

LILLY'S BEST RED CLOVER is the best that can be produced, and is thoroughly re-cleaned. It contains no dodder or other weed seeds, and no small, dead or shrunken seeds. No seed which is less than 99 per cent pure is branded **LILLY'S**.

CHOICE RED CLOVER is better than is required 92 per cent good sound seed, allowing 8 per cent for shrunken seed, dirt, chaff and other foreign substances. This is good seed, but we advise sowing the very best that can be procured. Sow 12 to 20 lbs. per acre.

LILLY'S White Clover

(*Trifolium repens*)

White Clover is excellent in lawn mixtures, as it makes a quick growth and splendid appearance while other grasses are forming a turf. It should be used in mixtures with Blue Grass and other grasses at the rate of 25 to 100 lbs. per acre. It should also be included in all pasture mixtures, and should be sown at the rate of 6 to 8 lbs. per acre with Italian Rye Grass, Orchard Grass, Red Top and other pasture grasses.

LILLY'S BEST WHITE CLOVER is an extra fancy grade, guaranteed to be 99 per cent pure sound seed, free from other grass or weed seeds. No other should be used on lawns, where it is difficult enough at the best to keep weeds down.

CHOICE WHITE CLOVER is good seed, guaranteed to comply with the Pure Seed Law, and is suitable for pastures or burned-over land.

Mammoth Red Clover

(*Trifolium medium*)

Mammoth Red Clover grows five or six feet high, is so coarse that it is of little use for forage, and is used almost exclusively to plow under as a green manure. It is valuable for this purpose on account of its deep-rooting habits and its ability to draw nitrogen from the air. We have only one grade, which complies strictly with the Pure Seed Law.

Sow 12 to 20 lbs. per acre.

LILLY'S Alsike

(*Trifolium hybridum*)

Alsike is especially useful on land that is too wet for red clover, as it will stand almost any amount of moisture, and is good in both pasture and hay mixtures. It is a perennial, and makes a growth about two-thirds that of red clover. It will not stand a great deal of drought on account of its shallow root system, and is not as well liked by stock as either red clover or white clover. It is valuable as a honey plant.

Much of the seed on the market contains a great deal of sorrel, also dodder, timothy and white clover, as these seeds are difficult to separate from the Alsike.

LILLY'S BEST ALSIKE is guaranteed to be 99 per cent pure sound seed, free from dodder, sorrel or other foreign seeds.

CHOICE ALSIKE is a good grade of seed, and is better than is required by the Pure Seed Law.

Six to ten pounds is sufficient for an acre.

Bokhara Clover

(*Melilotus alba*)

Bokhara Clover, also called Sweet Clover, is a rapid growing perennial plant, three to five feet high, and is covered with small white flowers of great fragrance and sweetness. It is sometimes sown in meadows and lawns, but its chief value is for bee pasture.

We have only one grade, which is better than is required by the Pure Seed Law.

Sow ten pounds to the acre.



LILLY'S TIMOTHY SEED

(*Phleum pratense*)

Timothy is the best known of all grasses, and if hay is to be produced for market, it is the most valuable, for it brings the highest price. If grown for market, it should be sown alone at the rate of 18 to 25 pounds per acre. For home use, we recommend mixing it with other grasses and clovers, as it makes better hay and pasture.

LILLY'S BEST TIMOTHY is grown in Idaho, on land free from weeds, is re-cleaned, and tests 99 per cent pure, sound seed. It is the best seed that can be procured, consequently it is the cheapest.

We request that samples of all seeds purchased from us, as well as those from other seedsmen, be sent to the Department of Agriculture for analysis. Send a sample of ordinary seed and a sample of LILLY'S BEST, and compare reports. After doing so, you will never sow any but LILLY'S BEST.

CHOICE TIMOTHY is a good commercial grade, better than is required by the Pure Seed Law. However, the difference in price will not justify sowing this when LILLY'S BEST can be procured.

Kentucky Blue Grass

(*Poa pratensis*)

Kentucky Blue Grass is the most popular lawn grass, and is valuable in pastures. It may be sown alone, but grows rather slowly at first, and is a rather shallow rooter, so that it is usually best to mix with quicker growing and deeper rooted grasses. For lawns, one pound to each three hundred square feet is sufficient, although more would make a better turf. For pastures sow twenty pounds per acre, or proportionately when sown with other seeds.

LILLY'S BEST KENTUCKY BLUE GRASS comes direct from Kentucky in carload lots, and is the best seed that can be procured. It is free from Canadian Blue Grass, Red Top and other foreign seeds, and is very much better than is required by the Washington Pure Seed Law.

Bermuda Grass

(*Cynadon dactylon*)

Bermuda Grass is valuable in the south for either lawn or pasture. It thrives on poor, sandy soil, and resists drought and extreme heat. As it cannot endure frost, it is of no use north of California. Sow 10 lbs. per acre.

Canadian Blue Grass

(*Poa compressa*)

Canadian Blue Grass is erroneously considered by some to be a worthless grass. This opinion is probably caused by the fact that there has been so much complaint that Kentucky Blue Grass is adulterated with it. This, of course, is a serious fault with Kentucky Blue Grass, but Canadian Blue Grass, when purchased and used as such is often more valuable. It is more hardy, makes a quicker growth, is easier to get started, and makes an exceedingly tough turf. It makes a good lawn, and is splendid in pasture mixtures.

We have only one grade of this seed, which complies with the Pure Seed Law.

Creeping Bent, or Florin

(*Agrostis stolonifera*)

Creeping Bent is one of the very best lawn grasses. Its creeping, rooting stems form a strong and enduring turf, which is positively improved by tramping. It is equally good in pasture mixtures. Sow 50 lbs. per acre, or in the same proportion when mixed with other grasses.

RED TOP

(*Agrostis vulgaris*)

RED TOP, or Herd's Grass, is valuable in wet places, where other grasses will not grow. It is rather slow in starting, but when a good stand is secured, it makes one of the best permanent pastures and a fair grade of hay. It is usually best mixed with other grasses, such as Timothy, White Clover and Alsike.

Red Top is sold in two forms, Solid Seed and Seed in Chaff. We recommend the Solid Seed, as it is free from chaff, does not cost any more per acre, and is easier to sow. Seed in Chaff may be just as pure, but as nearly half the weight is chaff, there is no economy in sowing it.

If sown alone, use 30 lbs. of Solid Seed, or 60 lbs. of Seed in Chaff, per acre.

Our seed is the best that can be procured. We do not handle any seed which does not comply with the Washington State Pure Seed Law.

TALL MEADOW OAT GRASS

(*Avena elatior*)

OAT GRASS grows two to four feet high, and produces a heavy yield of a good quality of hay which is well liked by all stock. It is grown extensively in California, is very successful in Eastern Washington, and is worthy of a trial in other localities. It is deep-rooted, and resists drought.

It may be sown alone at the rate of 40 to 50 lbs. per acre but it is best mixed with other grasses, when 25 to 30 lbs. per acre is sufficient.

REED CANARY GRASS

(*Phalaris arundinacea*)

REED CANARY GRASS is mainly grown on account of the seeds furnishing food for trout and wild fowl, but while young it may be cut for green forage for cows. It prefers stiff, wet land, and is sown on the banks of rivers and lakes. It is the only grass which will endure being flooded for any length of time. Sow 40 lbs. per acre.

MESQUITE

(*Holcus lanatus*)

MESQUITE, also known as Velvet Grass and Meadow Soft Grass, is of little agricultural value, except for pastures on light sandy or marshy soil where other grasses will not grow. It is not relished by stock, and on account of its spreading habit, it is liable to become a nuisance.

JOHNSON GRASS

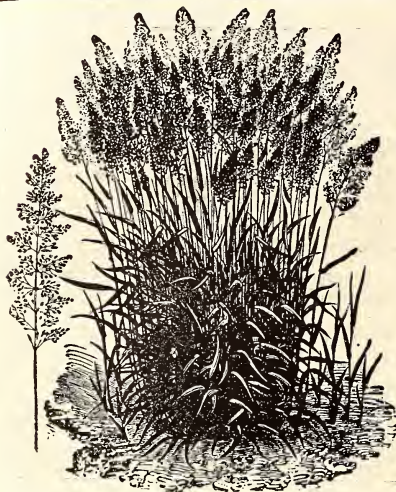
(*Sorghum halpense*)

JOHNSON GRASS belongs to the sorghum family, is sweet and nutritious, and is relished by stock, but it is of no use in the Northwest, and its sale is prohibited in California on account of its spreading habit and the difficulty of eradicating it.

CHEAT

(*Bromus secalinus*)

CHEAT is an annual grass, valuable for lowlands. It may be sown in either fall or spring. When cut for hay it should be cut before it becomes too ripe. Sow about 100 lbs. per acre.



ORCHARD GRASS

(*Dactylis glomerata*)

ORCHARD GRASS, or Cock's Foot, is one of our most useful grasses. It comes very early in spring, and furnishes an abundance of succulent feed earlier than any other grass. It will thrive in shady places where other grasses will not grow. As it is a bunch grass, it is best mixed with other grasses, for if sown alone the bunches are easily uprooted by stock. It makes good hay if cut as soon as in blossom; immediately after that the stems become hard and woody. There is some objection to it for hay on account of maturing before other grasses in mixture are ready to cut, and before there is good weather to cure it. It is especially valuable, mixed with other grasses and clovers, for pastures and for sowing on logged-off and burned-over lands.

It is rather difficult to get seed which is not mixed with Rye Grass and Mesquite. Samples should be sent to the Department of Agriculture for analysis.

Our seed is free from other grass and weed seeds, and is guaranteed to comply with the Pure Seed Law.

BROME GRASS

(*Bromus inermis*)

THIS is a very valuable grass for the semi-arid regions, but for Western Washington and Western Oregon there are other grasses more useful. It has not as high feeding value as some other grasses, and is rather difficult to eradicate when well established, but it will stand almost an unlimited amount of drought, and will grow on dry, loose soils. It is valuable in such localities where other grasses cannot be grown.

Sow 35 to 40 lbs. per acre.



English Rye Grass

(*Lolium perenne*)

ENGLISH, or PERENNIAL, RYE GRASS is especially adapted to the country west of the Cascades, where it is becoming more popular each year, but is not yet as generally grown as it deserves. It has high feeding value, is relished by all kinds of stock, and is good for both hay and pasture. It prefers moist, rich loam or clay soil, but does well in almost any locality or kind of soil.

It is best mixed with other grasses. Sow at the rate of 30 lbs. per acre, alone, or in the same proportion mixed with other grasses.

We handle only choice seed, which is guaranteed to comply with the Pure Seed Law.

MEADOW FESCUE

(*Festuca pratensis*)

This is also known as English Blue Grass, and is valuable in pastures and meadows, mixed with other grasses. It is of long duration, will thrive on thin, dry soils, and will stand a great deal of abuse. Sow 20 lbs. per acre, alone, or at the same rate mixed with other grasses.

SHEEP'S FESCUE

(*Festuca ovina*)

Sheep's Fescue grows 20 to 25 inches high, prefers dry uplands, and thrives in poor, shallow, gravelly soils where other grasses would fail. It is very hardy, resists extreme heat and cold, and yields a large amount of very nutritious herbage which is relished by sheep. Though a bunch grass, it may be included in lawn mixtures, on account of its fine foliage and dwarf, dense growth. Sow 35 lbs. per acre.

Italian Rye Grass

(*Lolium italicum*)

ITALIAN RYE GRASS is supposed to be a biennial, but in Western Washington and Western Oregon it will last almost indefinitely. It is one of the most valuable pasture grasses on the Pacific Coast, as it makes a quantity of green feed late in the season after other grasses are past their prime. It makes a rapid growth, and will produce more green pasture in mid-summer than any other grass.

It is a valuable grass for sowing on logged-off lands or burns, and may be sown either in fall or spring. Sow at the rate of 30 lbs. per acre.

FINE LEAVED FESCUE

(*Festuca tenuifolia*)

Fine Leaved Fescue grows only 15 to 20 inches high, in small tufts, with few stems but a large amount of bottom foliage. It will grow on dry and inferior soils, and is suitable for dry slopes on lawns. Sow 30 lbs. per acre.

HARD FESCUE

(*Festuca duriscula*)

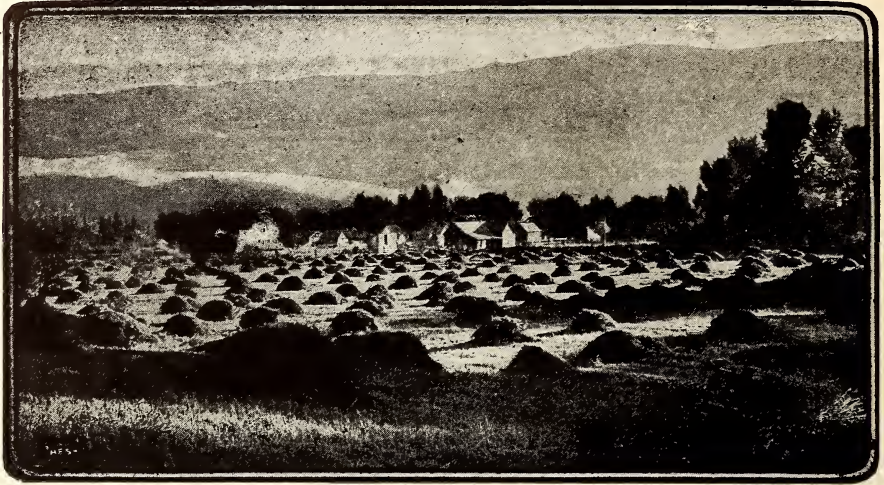
Hard Fescue is more dwarf and less vigorous than Sheep's Fescue. It is emphatically a grass for dry uplands and for permanent pastures on poor soils. Height one to two feet. Sow 30 lbs. per acre.

RED FESCUE

(*Festuca rubra*)

Red Fescue is a creeping rooted species, forming a close and lasting turf. It resists extreme drought, and thrives on inferior soils, gravelly banks and exposed hillsides. Valuable for binding shifting sands and for sandy places in lawns. Grows 25 to 30 inches high. Sow 30 lbs. per acre.

As prices fluctuate, please write for Price List before ordering.



LILLY'S GRASS MIXTURES For Pastures and Meadows

WHETHER to be used for Hay or for Pasture, much is gained by sowing a mixture of several varieties of grass and clover seeds. The season or soil that is not adapted to one variety may be ideal for other varieties, so that with a well selected mixture, failure is practically impossible.

It is especially desirable for pasture, as by selecting the proper grasses, we have a mixture containing early, medium and late grasses. Also, by using a combination of bunch grasses, deep-rooting grasses and grasses with creeping, rooting stalks, we have a mixture which will produce a tough and lasting turf,

which constant tramping and close cropping will not injure.

A mixture for hay must contain grasses which will mature at the same time, are tall-growing and will produce the maximum amount of hay of the best quality.

The grasses in our mixtures have been carefully selected by experts, and are the best combinations possible to make for the purposes, conditions and soils for which they are intended. The seeds contained in them are the same as listed elsewhere in this catalog, and comply strictly with the Pure Seed Law.

LILLY'S BEST PASTURE MIXTURE NO. 1 is especially prepared for wet bottom lands. It contains Meadow Fescue, Red Top, Alsike, English Rye Grass, Kentucky Blue Grass, Canadian Blue Grass, Red Clover, Italian Rye Grass and Orchard Grass.

LILLY'S BEST PASTURE MIXTURE NO. 2 is for dry uplands, and is especially useful for sowing on logged-off and burned over lands west of the Cascades. It is composed of White Clover, English Rye Grass, Italian Rye Grass, Canadian Blue Grass, Meadow Fescue and Kentucky Blue Grass.

LILLY'S BEST PASTURE MIXTURE NO. 3 contains grasses adapted to the dry, sandy soils east of the Cascades, as follows: Meadow Fescue, Kentucky Blue Grass, Brome Grass, English Rye Grass, Italian Rye Grass and White Clover.

LILLY'S BEST HAY MIXTURE NO. 1 is composed of grasses and clovers suitable for wet bottom-lands, as follows: Red Top, Alsike, Red Clover, Orchard Grass, Meadow Fescue, Timothy and English Rye Grass.

LILLY'S BEST HAY MIXTURE NO. 2 is suitable for uplands and other soils west of the Cascades, except very wet land. It is composed of Timothy, English Rye Grass, Red Clover, Meadow Fescue and Canadian Blue Grass.

LILLY'S BEST HAY MIXTURE NO. 3 is adapted to the dry, sandy soils east of the Cascades, and contains Timothy, Red Clover, English Rye Grass, Meadow Fescue and Brome Grass.

Any of these mixtures may be sown either in spring or fall, and should be sown at the rate of 20 to 30 lbs. per acre. As the heavier seeds are inclined to settle to the bottom, they should be thoroughly stirred before sowing.

For prices see enclosed Price List, or later issues which will be mailed on request.

LILLY'S SEED WHEAT



Pedigree Blue Stem

THIS SPLENDID wheat is still the best, and it appears to be useless to try to improve upon it. It is the only really satisfactory wheat for the section west of the Cascades, and in all other localities and under all conditions it produces the largest crops and the best quality. The heads are large, plump and well filled; the kernel is hard and the plant stools freely.

Giant Spring

Selected by us as being the heaviest yielding wheat; very early, making it doubly valuable, and being very rich in gluten, which alone is enough to recommend it. It is semi-hard and can be grown in any section of the country.

Corn Wheat

Produces a good crop on light, poor soil. It is more especially adapted to the country east of the Cascades, and on light, semi-arid soil will produce a good crop of hog food of a better quality than any other grain except corn. It will thrive in localities where corn cannot be grown.

Durum, or Macaroni

This wheat has proved beyond a doubt that it is possible to harvest a bumper crop on land that has been considered too dry for a crop of ordinary wheat. It will thrive with ten inches of rainfall and yield fifty per cent more than any other wheat, giving the best results on new land. Besides being in great demand by the manufacturers of macaroni, vermicelli, etc., the flour makes a nutritious bread, and as a stock food it is unexcelled because it contains a large percentage of protein.

This wheat should thoroughly ripen before threshing, and the threshing should be done from the shock, if possible.

Ask your Congressman to furnish you a copy of U. S. Dept. of Agriculture Bulletin No. 70, in regard to Durum Wheat.

PRICES

As prices fluctuate, we cannot publish prices which will be good the entire season, without making them high enough to cover any possible advance. We publish Price Lists at frequent intervals, and before ordering you will please write to us for a copy of the latest issue.

LILLY'S SWEDISH SELECT OATS

UNEQUALED

Heaviest Yielder Finest Quality

OUR SWEDISH SELECT OAT is of the most improved strain, being grown from seed procured from Garton Bros., the famous plant breeders of England. It has produced 25 per cent more than the ordinary strains under precisely the same conditions.

It is medium early; the heads are open pyramidal; the grain very large, plump and white; and the husks very thin. The straw is medium long, of fine quality, and is extra large, making it stand up better, and less liable to lodge than any other oat. This in addition to the splendid quality and immense yield makes it the most valuable oat grown.

Pound, 10c; 10 lbs., 3 $\frac{1}{2}$ c per lb.; 50 lbs., 3 $\frac{3}{4}$ c per lb.; 100 lbs., \$3.00.

Prices are liable to fluctuate. Changes will be shown in Price Lists which we publish as often as occasion demands, and which will be mailed to you on request.

DANISH GIANT OATS

A splendid variety for the Northwest, where the season is cool and short. It is very productive; the grain is plump, thick hulled, and of a bright yellow color; often three grains in a spike, and distributed around the entire head. The straw is very long, but being stiff and heavy, is not liable to lodge; neither does the grain fall off during stormy weather. An excellent variety to sow with field peas or vetch.

Pound, 10c; 10 lbs., 3 $\frac{1}{4}$ c per lb.; 50 lbs., 3c per lb.; 100 lbs., \$2.75.

AMERICAN BANNER OATS

A very popular variety of white oats. It yields good crops; stands up well in wet weather; and has short, plump, white kernels.

Pound, 10c; 10 lbs., 3c per lb.; 50 lbs., 2 $\frac{3}{4}$ c per lb.; 100 lbs., \$2.50.

OREGON GRAY WINTER OATS

A very hardy gray oat, used almost exclusively for fall planting. Splendid to sow with vetch.

Pound, 10c; 10 lbs., 3c per lb.; 50 lbs., 2 $\frac{3}{4}$ c per lb.; 100 lbs., \$2.50.

LILLY'S BLACK ALASKA

Winter Oats

Perfected Strain Best Winter Oat

BLACK ALASKA has always been the best winter oat ever grown in the Puget Sound country, but the seed had deteriorated badly.

We procured from Sweden, from one of the most noted oat breeders in the world, a small quantity of his perfected strain of Black Alaska Oats, from which we have grown a good crop of pure seed.

For prices see enclosed Price List, or later issues which will be mailed to you on request.

LILLY'S CROP BOOK contains instructions for Formalin treatment of oats for Smut.



LILLY'S BARLEY

WHITE HULLESS BARLEY

For prices-
see enclosed Price
List, or later issues
which will be sent
to you on request.

BARLEY is one of the very best stock foods, either as grain or hay, but many farmers will not grow it on account of the long, stiff beards. White Hulless Barley is entirely beardless, as shown in accompanying half-tone, and when threshed, is hullless, like wheat, to which the large, plump, hard grain is very similar. It produces 35 to 80 bushels of grain per acre, and for work-horses, three quarts are equal to six quarts of oats. It is better than corn for hogs and poultry. This variety is very early, maturing in from sixty to ninety days, and it may be sown as late as the first of July, provided there is moisture enough to mature it, making it a valuable catch-crop. If sown in September, it will ripen about the last of June. May be sown in either spring or fall. Only 100 lbs. of seed is required per acre.

BEARDLESS BARLEY.

Very early, and free from beards; makes splendid hay for work-horses. It is sometimes impossible to get seed which is absolutely true, and it is liable to produce a small percentage of bearded heads.

HANNA TWO-ROWED BARLEY.

A popular variety, highly recommended by Mr. Guy McL. Richards, of the famous Beach View Farm of Oak Harbor, who claims that it out-yields other barleys 25 per cent.

COMMON BARLEY.

Specially selected and re-cleaned seed. We will be pleased to furnish samples on request.

LILLY'S RYE

RYE is a valuable and hardy crop, providing green fodder in early spring or late fall. It is considered preferable to wheat, because it is hardier, protects the young grass, matures before other crops come in, and may be sown on soil too poor for other cereals. It is splendid to sow with vetches or field peas.

RUSSIAN RYE.

This extra heavy winter variety ripens before wheat, and yields a heavier crop than any other variety known. The composition of the grain is very similar to wheat, and is very good for hog feed. Our Russian Rye is specially re-cleaned seed, and only the largest and heaviest kernels are saved.

WINTER RYE.

The variety generally grown for grain, grain hay, straw, or green forage. Our stock is fine, re-cleaned seed, plump and full.



LILLY'S
SEED
WHITE
HULLESS
BARLEY

DO NOT BUY ~~ANY~~ FERTILIZERS unless they will increase your crops more than enough to pay the cost. They are not "cure-alls"; they may not be what your soil requires. Do a little experimenting before ordering large quantities. Study The Crop Book.

LILLY'S

Northern Grown

CORN

CORN can be grown in the Northwest, provided the seed has been acclimated. It is especially valuable as a fodder crop, and is unequaled for silage.

Our seed is Northern Grown, and if other conditions are favorable it will produce a crop which will mature.

GOLDEN NUGGET

An early yellow dent corn, especially adapted to Western Washington and Western Oregon.

WHITE RUSTLER

The earliest white dent corn. Acclimated in the Northwest.

Pride of the North

A quick growing yellow dent corn, recommended for the country east of the Cascades.

Leaming Improved

Early yellow dent; long, narrow kernels; heavy; productive.

Champion White Pearl

A large, white, late variety, popular as a fodder corn.

Early Canada

A yellow flint variety, adapted to the country west of the Cascades.

Sanford White Flint

An early and productive white flint variety of beautiful appearance.

FODDER CORN

Sweet Fodder Corn

A sweet corn, producing an abundance of leaves, the best for fodder, and especially good for ensilage.

"I will say that for seeds of ordinary farm crops, with the possible exception of certain varieties of wheat, there is no doubt that seeds grown in the Pacific Northwest are the equal of those grown anywhere in the country, and for planting in that section I regard them as better. This is especially true of corn. Generally speaking, corn seed brought from the East does not do as well in the Pacific Northwest for the first two or three years after it is introduced as it does afterwards."

W. J. SPILLMAN,

Agriculturist, Dept. of Agriculture, Washington.

"We are pleased with the corn seed. Some grew ten feet tall, and we have enough for this year, too. Your Pride of the North did best."

RICKENBACHER BROS.,

Pioneer Dairy, Box 88, Bellingham, Wash.

"I will send in a day or two a sample of your Northern Corn grown in this locality. The shortest bunch was taken from a ten-acre field that

For prices, see enclosed Price List, or later issues, which will be mailed on request.



Iowa Gold Mine

Golden-yellow dent. Best in middle west and Canada. Successful in favored localities on the Coast.

King Philip

An early red flint corn, well acclimated and a general favorite.

Red Cob Ensilage Corn

A red cob sweet corn, very popular, and preferred by many for either fodder or ensilage.

ran 80 bushels to the acre, while the taller ones were taken from a trial field of two acres and ran 90 bushels to the acre. At this time nearly all the farmers are raising corn in more or less quantities with good success where any care is given the field during the growing season."

FRED H. BURNS,

Liberal, Oregon.

"We have great faith in growing corn in Northern Idaho. As a fodder crop I consider corn to be one of the most important crops that can be grown, and we have not failed to secure a good yield during the last six years."

PROF. HIRAM T. FRENCH,

Agriculturist, University of Idaho

"There is no question about the practicability of growing forage corn in nearly all the arable lands of the Pacific Coast."

JAMES WITHYCOMBE,

Director, Oregon Agricultural College.

VETCHES

VETCH is one of the most valuable crops in the Northwest, either for hay, silage, pasture, soiling, green manure or for a cover crop. It is equal to alfalfa in food value, and is consumed with less waste. As vetch is a legume, it draws nitrogen from the air, and distributes it in the soil, making it of great value as a fertilizer, in addition to its food value. It is relished by all stock, and is especially valuable for dairy cattle.

Complete cultural directions are contained in The Crop Book, which will be furnished free with any order, or to prospective buyers.

Field Peas

ANOTHER valuable crop on the Pacific Coast, for an early crop of hay, to feed green to dairy cattle, or for ensilage; also splendid for hogs. Should be sown very early in spring, with oats as a support. Cultural directions in The Crop Book.

CANADIAN FIELD PEAS.

The most popular variety, grown very extensively in the Northwest. Makes splendid hay, ensilage or green feed, and is excellent to turn under for green manure.

For prices, see enclosed Price List, or later issues, which will be mailed on request.

Millet

MILLET is a valuable catch crop for hay, as it may be sown as late as the first of July, after some early-harvested crop is out of the way, and yields from two to five tons per acre of very nutritious hay.

GERMAN MILLET.

Makes a very strong growth, and is a favorite variety for sowing on good land for a large crop of hay or forage.

HUNGARIAN MILLET.

About one week earlier than German Millet, and requires less moisture. Makes excellent hay. Requires more seed than German.

JAPANESE MILLET

A variety especially adapted to east of the Cascades. Grows to a height of six to eight feet in good soil.

SIBERIAN MILLET

A comparatively new variety, imported from Russia. Earlier than either German or Hungarian. Makes excellent hay, and yields enormously. Very hardy, and consequently best for the North and West.

COMMON MILLET

Makes excellent hay, but the yield is less than the other varieties.

JAPANESE BARNYARD MILLET

Has been highly exploited by a certain seedsman as Billion Dollar Grass. Grows 6 to 8 feet high, and yields heavy crops of hay, green forage or silage.

COMMON, OR SPRING, VETCH.

Common Vetch is best adapted to conditions west of the Cascades and north of California, where it is best sown in the fall, with winter oats, rye or wheat to support it. It may also be sown early in spring.

WINTER, SAND, OR HAIRY, VETCH.

Hairy Vetch is best suited to conditions east of the Cascades, and may be sown either in fall or spring. The best cover crop for orchards. Ask for Price List before ordering.

BLUE SCOTCH FIELD PEAS.

The best and heaviest yielding of all the field peas; early and matures evenly.

GREEN FIELD PEAS.

Similar to Canadian, except in color of the seed, which is light green.

WHIP-POOR-WILL COW PEAS.

Specially adapted to warm climates, and extensively grown in our southern states; also of value in this latitude as a fodder plant, and as a green manure to plow under.



EMMER



EMMER is a species of wheat, botanically known as *Triticum dicoccum*, resembling barley in appearance, and is especially valuable for stock food in the semi-arid regions. It has been commonly called Speltz, but this is in error, and the United States Department of Agriculture has requested us to correct the error, as Speltz is an entirely different grain, little known in this country. They recommend Emmer very highly, especially for the Northwest. Although it has been grown under the name of Spelt for several years, it has not received the attention which it deserves. It will produce fair crops under almost any condition of soil or climate, but is most valuable in hot, dry localities, on unproductive soil, where other grains will not thrive. Under such adverse conditions it will produce more and better stock food than any other grain. In feeding value it equals or excells barley and rye, and is much more hardy and productive. West of the Cascades it may be sown either in fall or in spring; east of the mountains it is usually sown in spring. About 100 lbs. of seed is required per acre.

Ask your Congressman for a copy of U. S. Dept. of Agriculture Farmers' Bulletin No. 139, "EMMER; A GRAIN FOR THE SEMI-ARID REGIONS."

Write for Price List before ordering.

JAPANESE BUCKWHEAT.

Excels all other varieties; the grain is dark brown, larger than Silver Hull, yields heavier, ripens earlier and stands up better. Remains a long time in bloom, and is excellent for bee pasture.

SILVER HULL BUCKWHEAT.

A good and popular variety. The grain is of a light gray color, larger and rounder than common buckwheat; has a thin hull; matures earlier and yields heavier. A good milling variety.

SORGHUM—EARLY AMBER CANE.

East of the Cascades it will produce a good crop of seed, or two or more crops of splendid forage, being very rich, sweet and succulent. West of the Cascades it will not produce seed, and although it will produce fair crops of fodder, it is not specially recommended, as there are other crops more profitable.

KAFFIR CORN.

Another splendid forage plant for the country east of the Cascades, where it produces large quantities of seed or excellent fodder, but it is of little value on the coast. Non-saccharine.

BROOM CORN.

Another non-saccharine cane, grown for seed, fodder, and for manufacturing brooms, under same conditions as Kaffir Corn.

ENGLISH HORSE BEANS.

Used in the South as a forage crop and for green manure. Of no use in the North.

FLAX SEED.

Destined to become an important crop in the Northwest. Thrives either east or west of the Cascades on land which is moist but not wet. Sow in spring, using thirty pounds of seed per acre if sown for seed, or twice that amount if sown for fiber.



SOJA BEANS.

Of little value in the North. Thrives in hot, dry climates, and is grown extensively in the South for forage and to plow under.

SPURRY.

Annual. Grows well on poor, dry, sandy soil, and may be sown any time from March to August. Excellent pasture or fertilizer. 15 lbs. per acre.

ESPARCETTE, OR SANFOIN.

A perennial leguminous plant, belonging to the same family as clover and alfalfa. A nutritious fodder plant for light, dry, sandy or gravelly soils, and valuable for growing on barren hillsides. When once established it lasts for many years. Sow in spring, covering seed quite deeply, at the rate of 80 to 100 lbs. per acre.

SERADELLA.

A valuable forage plant, sometimes admitting of two cuttings in one season. Succeeds in dry, sandy soil, and furnishes good pasture for sheep. May also be cured for hay. 50 lbs. per acre.

TEOSINTE.

Makes a wonderful growth, and furnishes a great amount of green forage or dry fodder of rather poor quality. When cut for green forage, a second growth comes on quickly. Sow in May or June, in drills four feet apart, using three pounds of seed per acre.

SUNFLOWER.

Mammoth Russian. The largest and most productive variety. One of the very best foods for poultry; a great egg producer.

THOUSAND HEADED KALE



Thousand-Headed Kale, grown from **Lilly's** Seed, on the farm of Mr. J. D. Williams, Bodega, Cal.

THOUSAND HEADED KALE has become almost indispensable as a green feed for cows, hogs, sheep and poultry through the winter from November to April. The plants grow about four feet in height, a single plant often weighing thirty pounds. It is hardy, withstanding a temperature of ten degrees above zero, making it especially valuable on the Pacific Coast, where it may be left in the field until wanted for feed. Being of a succulent nature, it is much relished by cows, and carrying high percentages of protein and fat makes it the ideal feed for dairy cattle. One pound of seed will produce enough plants for one acre.

1 lb., 35c.; postage 10c per lb. additional. If wanted in larger quantities, ask for price list.

UNITED STATES DEPARTMENT OF AGRICULTURE,
BUREAU OF PLANT INDUSTRY.

Walla Walla, Wash., April 18, 1910.
Mr. Frank Leckenby,
Seattle, Wash.

Dear Sir: Thousand-headed Kale is a very important crop, and should be grown by every dairyman and poultryman in western Oregon and western Washington. It is excellent feed, also, for sheep and hogs, and should, therefore, be widely grown. You need not fear to push it, for it is all that is claimed for it.

Yours very sincerely,

BYRON HUNTER,
Assistant Agriculturist.

The Crop Book contains several good articles on this subject. Free with any order.

DWARF ESSEX RAPE

DWARF ESSEX RAPE is a very valuable forage plant for green feed in late summer, when other forage is lacking. The seed may be sown about the first of June, or even as late as the last of July, after potatoes or some other early crop has been removed, and will produce splendid forage in six to ten weeks. It may either be pastured or cut and fed green. Care must be exercised in feeding it to cattle, as there is danger of bloating.

The Crop Book contains splendid articles on this subject. It is furnished free with orders, or to prospective buyers.

1 lb., 15c.; postage 10c per lb. If wanted in larger quantities, ask for price list.



LILLY'S

MANGEL WURZELS

STOCK BEETS



THE Beet is a useful succulent feed for stock, producing a high quality of animal products, and materially aiding digestion of dry foods. They are of special value for milch cows and breeding ewes; also a wonderful aid in fattening hogs and cattle.

One of our largest stockmen puts it this way: "I feed about as much grain and hay with the beets as I did without, but I put the cattle on the market in about three-fourths of the time." He called our attention to the absence of grain and other feed in the droppings, showing that the animals were completely digesting their food, thus giving the greatest economy in feed, and keeping the stock in a healthy condition.

Stock beets are easy to grow, produce immense crops, and if properly stored, will keep over winter, furnishing succulent food during the winter and early spring, when it is most needed. See the Crop Bood for cultural directions.

DANISH SLUDSTRUP MANGEL

The Most Improved Type

AWARDED FIRST CLASS CERTIFICATE BY THE DANISH GOVERNMENT

THE DANISH GOVERNMENT has done more than any other nation or association to improve the quality of farm and garden products; consequently many of the best new and improved varieties originate in that country. Their stamp of approval on a new variety is bona fide evidence of the superiority of that variety.

Danish Sludstrup Mangel is unknown in this country, and has never been listed by us or any other American seedsman; however, as it has been awarded a First Class Certificate by the Danish Gov-

ernment, we are positive that we are not taking any chances in ordering a large shipment from the original grower in Denmark, and recommending it without reservation to our customers.

It is described as follows: Long, reddish-yellow, grows well above ground and is easy to pull. Highest percentage of nutriment value, and phenomenal yield. Doubtless the best mangel in the world; no other can compare with it."

By mail, postpaid, pkt., 10c; ½ lb., 40c; 1 lb., 60c.

By express or freight, not prepaid, 1 lb., 50c; 5 lbs., \$2.50; 10 lbs., \$4.50.

Have you seen our new Poultry Supply Catalog? It's the best yet. May we mail you a copy?

LILLY'S

MANGEL WURZELS

GOLDEN GIANT MANGEL

Of immense size and even shape. The flesh is light yellow, fine grained and very rich; easily lifted from the soil, a good keeper, and produces wonderfully—forty to sixty tons to the acre. Sold only in sealed packages.

By mail, postpaid, Pkt., 10c; $\frac{1}{2}$ lb., 40c; 1 lb., 60c.
By express, 1 lb., 50c; 5 lbs., \$2.50; 10 lbs., \$4.50.

Half Sugar Mangel

Very sweet, succulent, highly nutritious and a producer of high quality animal products. The flesh is white, firm, crisp, and is greedily eaten by stock. It is a heavy yielder, uniting the size of the mangel with the great food value of the sugar beet. The roots grow partly out of the ground, making harvesting easy. Sold only in sealed packages.

Prices same as Golden Giant.

Royal Red Mangel

The roots are very large, uniformly straight and well formed. Color deep red, roots solid, tops small. Produces an immense bulk and tonnage, a root weighing twenty pounds being not uncommon. Sold only in sealed packages.

Prices same as Golden Giant.

Long Red Mangel

A large variety, producing an immense crop; grows much above ground; flesh whitish shaded with red. Requires deep, loose soil.

By mail, postpaid, Pkt., 10c; $\frac{1}{2}$ lb., 35c; 1 lb., 55c.
By express, 1 lb., 45c; 5 lbs., \$2.25; 10 lbs., \$4.00.

Yellow Globe Mangel

Desirable only in shallow soils. Shape globular; flesh yellow and white.

Prices same as Long Red.

Golden Tankard Mangel

A well-known and popular field beet. Large size. Flesh bright yellow; nutritious and well liked by stock. Will grow in rather shallow soil.

Prices same as Long Red.

Giant Intermediate or Gate Post

Intermediate between the long and globe-shaped varieties. Roots large; neck small and short, flesh nearly white, sweet and tender. A big cropper.

Prices same as Long Red.

SUGAR BEETS

Klein Wanzleben Sugar Beet

This is the variety mostly grown for sugar. It gives good returns in ordinary soil, and is very rich in feeding qualities.

By mail, postpaid, Pkt., 10c; $\frac{1}{2}$ lb., 30c; 1 lb., 45c.

By express, 1 lb., 35c; 10 lbs., \$3.00.

French White Sugar Beet

One of the best sugar beets; very productive, and well liked by stock. Contains a very large percentage of sugar.

By mail, postpaid, Pkt., 10c; $\frac{1}{2}$ lb., 30c; 1 lb., 45c.

Express, not prepaid, 1 lb., 35c; 10 lbs., \$2.75.

The Crop Book contains cultural directions, and is furnished free with any order if requested.

LILLY'S

KING OF SWEDES

RUTABAGA or SWEDISH TURNIP

AN IDEAL early, yellow fleshed rutabaga. The flesh is sweet, remarkably fine grained, juicy, tender, solid to the center, bright yellow and very attractive, making it especially desirable for the table. Its enormous size and productiveness, hardness and splendid keeping qualities make it equally desirable as a succulent winter feed for stock.

Sold only in sealed packages.

By mail, postpaid, oz., 10c;
¼ lb., 25c; lb., 60c. By express
or freight, not prepaid, 1 lb.,
50c; 10 lbs., \$4.00.

American Purple Top Improved

A popular variety for both field and table use. Flesh solid and good flavor.

Postpaid, pkt., 5c; oz., 10c;
¼ lb., 20c; 1 lb., 60c. By ex-
press, not prepaid, 1 lb., 50c;
10 lbs., \$4.00.

Skirving's Improved Purple Top

Similar to American Purple Top, but larger.

Prices same as American Purple Top.

Sweet Russian

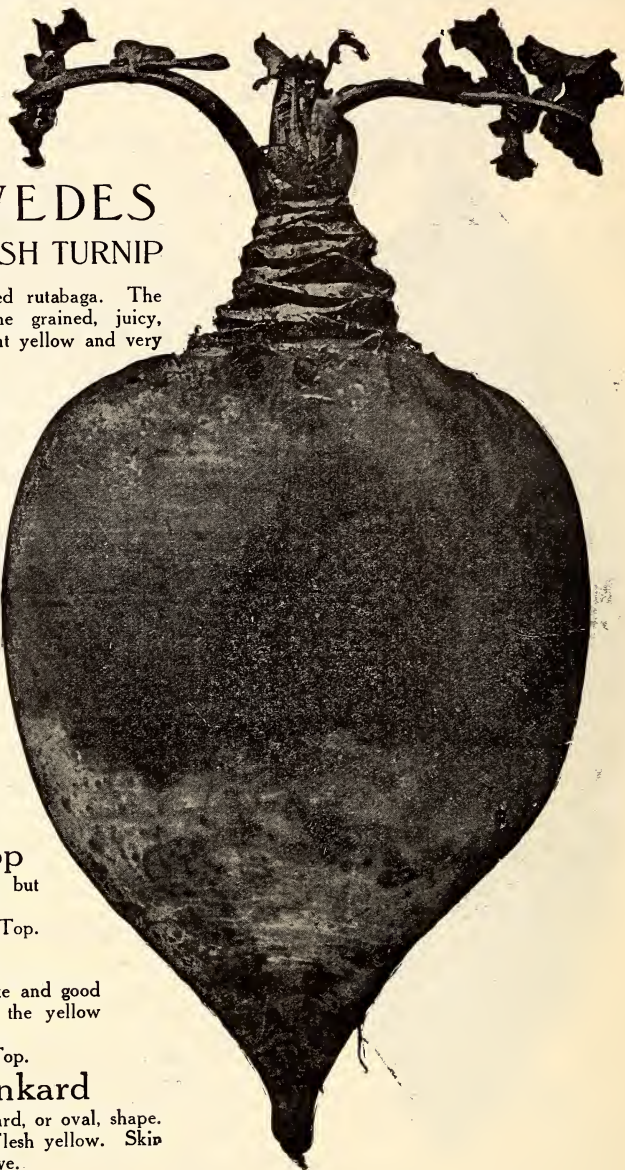
A white fleshed variety of large size and good quality, but lacking the richness of the yellow varieties.

Prices same as American Purple Top.

Monarch, or Tankard

A very distinct type, being of tankard, or oval, shape. Very large, and yields immensely. Flesh yellow. Skin yellow below ground and purple above.

Prices same as American Purple Top.



LILLY'S Mastodon Carrot

LILLY'S SELECT STOCK MASTODON CARROT is undoubtedly the best variety for stock feeding. It is a long way ahead of the old long rooted varieties in yield, and is much easier to harvest. It is rich and succulent, very nourishing.

By mail, postpaid, pkt., 10c; ¼ lb., 30c; lb., 1.00. By freight or express, not prepaid, 1 lb., 90c; 10 lbs., \$8.50.

being rich in protein, and stock eats it greedily. In good soil it attains a diameter of three to six inches, and yields twenty to twenty-five tons to the acre. Color, white. Shape, short and thick. Sold only in sealed packages.

By mail, postpaid, pkt., 10c; ¼ lb., 30c; lb., 1.00. By freight or express, not prepaid,

POTATOES

BOVEE

The best of the very early sorts, maturing before Early Rose, and more productive. The finest quality, pinkish in color, and of uniform medium size.

Less than sack lots, 5c lb.; \$3.50 per 100 lbs.

Early Rose

The old standard early variety, and still one of the best.

Less than sack lots, 5c lb.; \$3.00 per 100 lbs.

IRISH COBLER

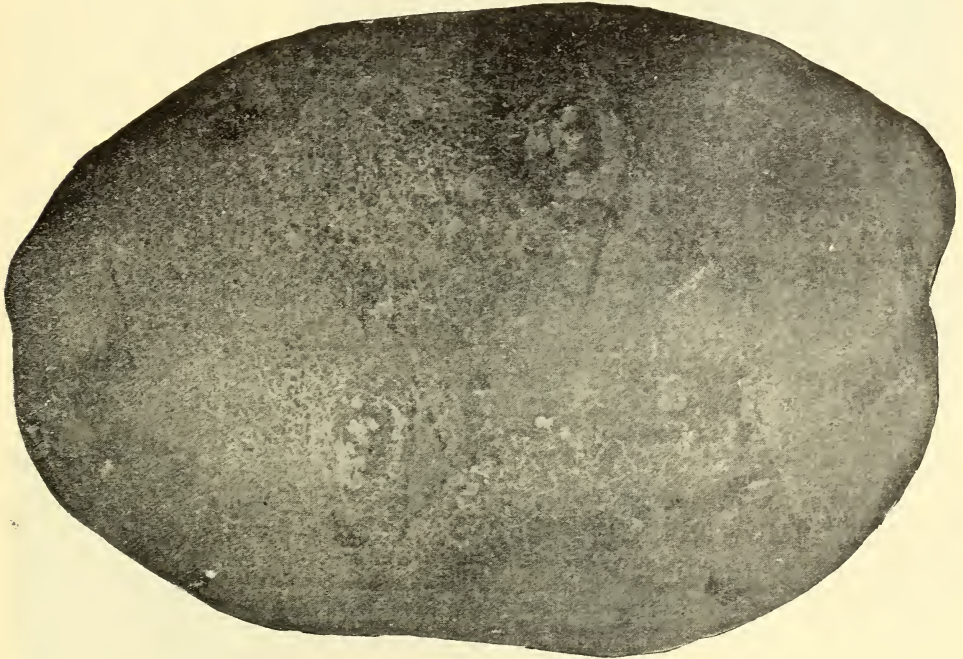
The best very early white potato. It is pure white, of handsome appearance, splendid quality, and very productive.

Less than sack lots, 5c lb.; \$4.00 per 100 lbs.

Beauty of Hebron

An early potato resembling the Early Rose in every way except that it is nearly white.

Less than sack lots, 5c lb.; \$3.50 per 100 lbs.



HASTINGS

This is a splendid new variety, and the best late potato for high, dry, comparatively poor soil. It will produce bumper crops in dry seasons when other varieties would fail. On moist, rich, bottom-lands the vines and potatoes are liable to grow too large. It is of the highest quality, fine grained, smooth, and has very shallow eyes. It is very late, and requires the full season to develop.

Less than sack lots, 5c per lb.; \$4.00 per 100 lbs.

Michigan Rural

An excellent medium early, white potato, of the highest table and shipping qualities. It is large, remarkably smooth, and the eyes are few and shallow.

Less than sack lots, 5c lb.; \$4.00 per 100 lbs.

American Wonder

Medium early, and unexcelled for main crop. The tubers are white, large, smooth, and the eyes are shallow. Very productive and of the finest quality. Rapidly supplanting the Burbank.

Less than sack lots, 5c lb.; \$3.50 per 100 lbs.

Burbank

This has long been the standard main crop variety, and if good seed is planted, there are few better varieties.

Less than sack lots, 5c lb.; \$3.00 per 100 lbs.

ARTICHOKES

By some these tubers are considered a great delicacy, but in this country they are grown mostly for stock food. Grown the same as potatoes.

Less than sack lots, 5c lb.; \$2.50 per 100 lbs.

COMMERCIAL FERTILIZER



PAYS BIG INTEREST on INVESTMENT

The accompanying half-tones show the results of an experiment with commercial fertilizers at one of the experiment stations.

The cut on the left shows the crop of a field of potatoes on which no fertilizer was used, while that below shows the crop of an adjoining field of the same size, and the result of the correct use of commercial fertilizers.



DO NOT advise extensive use of commercial fertilizers until you have studied the matter thoroughly. Commercial fertilizers, if properly used, pay big interest on the money invested, but if used without knowing how, why, or what the effect will be, it is liable to be a waste of good money. Soils, crops and conditions differ so greatly that no hard and fast rules can be made for the use of fertilizers.

Under certain conditions stable manure or a crop of vetch or clover is the best fertilizer. If the soil contains sufficient humus the commercial fertilizers will be found to be the most effective, convenient and economical. We do not recommend them as a "cure-all."

To be fertile, soil must contain three ingredients, Nitrogen, Potash and Phosphoric Acid. Every pound of grain, hay, fruit, milk or other product removes from the soil a certain amount of each of these ingredients. It stands to reason that if the natural fertility of the soil is drawn from year after year without replenishing it, it is bound to become exhausted in a short time. The soil must be fed, the same as your cows, and to get the best results it must be fed the proper foods in the correct proportions. Hay is a very good food for cows, and stable manure is a very good food for soil, but you



know that you cannot get the best results by feeding hay only to your cows; neither can you get the best results by feeding stable manure only to your soil, because, although it contains all of the required ingredients, it does not contain them in the correct proportions.

An analysis of the soil is of little use, for it may show that it contains an abundance of one or more ingredients which are in unavailable form, and therefore useless. The only way to ascertain what is required is by experimenting.

We recommend procuring a small quantity of each of the various fertilizers, and using them in various locations, on various crops, and in various combinations, keeping an accurate record of what is

used, and the results. This will require considerable time and labor, but the next year you will be able to feed your soil with the same practical knowledge that a good dairyman feeds his cows, and the results will be even more noticeable.

Don't invest your money in commercial fertilizers until you know what you are getting, and why you are getting them. Don't invest a dollar until you know that you will get it back with interest, in increased crops. Study the matter carefully. Get in touch with the Agricultural Colleges. Ask your congressman to furnish you Government Bulletins on the subject. We have, for free distribution, considerable literature in regard to fertilizers, and will gladly mail it to you if you are interested.

We have made a specialty of commercial fertilizers for many years, have made a study of the subject, and although we do not pretend to know all there is to be known about it, we will be glad to answer any questions that we are able to, or will refer you to someone who can answer them.

If we think that stable manure or a green manure

Complete Fertilizers

COMplete Fertilizers are so called because they contain each of the three ingredients necessary for fertility, Nitrogen, Potash and Phosphoric Acid, in correct proportions for given purposes. They are simply the correct chemical and animal fertilizers which you will find listed later on, mixed for the convenience of our customers.

The names are in some cases confusing, as they are each applicable to other crops than those indicated by the name. The guaranteed analysis is shown on each, and they may be used on any crop requiring that combination.

One of these combinations will usually be found to be applicable to your requirements. We cannot make special mixtures for our customers, for there is a law requiring that the analysis of each mixture shall be registered with the Department of Agriculture, and that each package must show the guaranteed analysis. For the same reason, we can sell only in unbroken packages, containing such quantities as we have listed.

In many cases the soil contains sufficient quantities of one or two of the fertilizing ingredients, in which case it is only necessary to add that which is lacking. West of the Cascades most of the soil is deficient in Potash, while east of the mountains most soils contain an abundance of Potash, but are deficient in Nitrogen and Phosphoric Acid.



VEGETABLE FERTILIZER

This is a general fertilizer for vegetable gardens, and contains about the right ingredients for use on all vegetables in a small garden, although when large quantities are used, it would be better to use some of the other fertilizers on some vegetables such as potatoes, celery, asparagus, etc.

crop will be more profitable than commercial fertilizer for your purpose, we will tell you so. We sell commercial fertilizers, and it is to our advantage to sell all we can, but we are in the business to stay. We want your business year after year, indefinitely. We know that if we sell you a lot of goods which are of no value to you, you will not order from us next year, but, on the other hand, if we convince you that you can depend upon our advice, you will give us increased orders each year as long as we retain your confidence.

Beware of the merchant who has one complete fertilizer which he claims will produce impossible results at all times. It sounds too much like a patent medicine advertisement.

Do not use commercial fertilizers on soil which is sour, containing vegetable acids; they would be useless, and in some cases actually harmful. First sweeten the soil with an application of air-slacked lime at the rate of one-half ton to one ton per acre. and then commercial fertilizers may be applied with beneficial results.

It should be applied at the rate of 800 to 1,000 lbs. per acre, either broadcast or in the rows. When applied in the rows, care should be taken to mix it well with the soil, so that the seed does not come into direct contact with any great amount of the fertilizer. It may be applied at time of planting the seed, but it is better to apply it a few weeks before, if convenient.

Guaranteed analysis, Nitrogen 3%, Potash 5%, Phosphoric Acid 11%.

Price, 25 lbs., 75c; 100 lbs., \$2.25; ton, \$42.00.



HOLLY LAWN DRESSING

Made especially for use on lawns and flower gardens. It is odorless, easily applied, and is invisible after being applied. A part of it is available almost immediately, but good results will be seen for two years after it is used. It should be applied broadcast at the rate of 100 lbs. to each 1,000 or 2,000 square feet of lawn.

Guaranteed analysis, Nitrogen 5%, Potash 5%, Phosphoric Acid 8%.

Price, 25 lbs., 75c; 100 lbs., \$2.50; ton \$44.00.



POTATO FERTILIZER

Contains a large percentage of Potash and a small percentage of Nitrogen, adapting it for potatoes, mangels and other root crops. This will develop the root growth without making excessive tops. One hundred pounds of this fertilizer contains as much plant food as a ton of stable manure. It should be applied in the same manner and in the same quantities as Vegetable Fertilizer.

Guaranteed analysis, Nitrogen 3%, Potash 11%, Phosphoric Acid 6%.

Price, 25 lbs., 75c; 100 lbs., \$2.25; ton \$42.00.



Fruit and Hop Fertilizer

Contains large proportions of Potash and Phosphoric Acid, which in addition to producing greatly increased crops, also improves the quality of the fruit making it a better color, more firm, and less liable to injury by insects.

This formula is also adapted to some vegetables, flowers and shrubs.

Guaranteed analysis, Nitrogen 4%, Phosphoric Acid 8%, Potash 9%. Apply at the rate of 500 to 800 lbs. per acre.

Price, 25 lbs., 75c; 100 lbs., \$2.40; ton, \$44.00.



Fish and Bone Fertilizer

This is prepared especially for orchards, small fruits, melons, tomatoes, etc., east of the Cascades,

where the soil contains considerable potash, but is deficient in nitrogen and phosphoric acid. The farmers in that section are beginning to realize that they cannot continue to produce bumper crops year after year without replacing the fertility which each crop removes from the soil.

Guaranteed analysis, Nitrogen 4%, Phosphoric Acid 11%, Potash 2%.

Packed in 100-lb. bags only. \$5.00 per 100 lbs.; \$44.00 per ton.



Concentrated Fertilizer

A complete fertilizer prepared especially for those who require only a small quantity of fertilizer for general purposes, such as the vegetable garden, flower garden, roses, shrubbery, house plants or the lawn. It is clean and almost odorless, and may be applied either dry or dissolved in water.

Guaranteed analysis, Nitrogen 2%, Phosphoric Acid 6%, Potash 4%.

Price, 5-lb. package, 25c; 25-lb. bag, \$1.00.

Chemical Fertilizers

CHEMICAL FERTILIZERS contain only one chemical, and are consequently not complete fertilizers. They produce wonderful results when properly used, but before buying large quantities you should experiment to know what is required.

Most soils contain sufficient quantities of one or two of the three ingredients necessary for fertility, and if you have ascertained what is lacking, it is only necessary to add that ingredient; otherwise it is better to apply the complete fertilizers.

Muriate of Potash

Potash is one of the most valuable chemical fertilizers, especially west of the Cascade Mountains, where most of the soil is deficient in potash. It is much used by fruit growers, and in addition to increasing the crop, greatly improves the quality and color of the fruit.

Muriate of Potash contains chlorine, is harmful to tobacco, and some claim that Sulphate of Potash is better for potatoes; Sulphate is also finer, but otherwise there is no difference, and Muriate is a little cheaper. For most purposes it is applied at the rate of about 200 lbs. per acre.

Contains 50% pure potash. Price, \$3.50 per 100 lbs.; \$6.10 per sack of 225 lbs.; \$54.00 per ton.

Sulphate of Potash

This is very similar to Muriate of Potash, but is free from chlorides, and in some cases can be used to better advantage. It contains the same amount of Potash, 50%, and is applied in the same manner and quantity.

Potash is slow acting, and is best applied a considerable time before the seed is sown. It may be applied in the fall or winter before seed is to be sown in spring and will lose little or nothing from leaching.

Price, \$3.75 per 100 lbs.; \$7.35 per sack of 225 lbs.; \$65.00 per ton.

Double Manure Salts

A cheaper grade of potash salts, containing chlorides and 20% Potash. Usually applied at the rate of 200 to 500 lbs. per acre.

Price \$2.50 per 100 lbs.; \$5.00 per sack of 225 lbs.; \$44.00 per ton.

Kainit

This is crude potash salts, containing large proportions of chlorides and 12% Potash. Valuable for celery and asparagus. It is also recommended for destroying cut-worms and maggots in the soil.

Price, \$1.50 per 100 lbs.; \$2.50 per sack of 225 lbs.; \$22.00 per ton.

Nitrate of Soda

Nitrate of Soda is generally used as a top-dressing, acts as a tonic, and produces wonderful results when properly used. The effect is almost immediate, lasts for a short time only, and best results are obtained by three or four light applications of about 150 pounds per acre each, at short intervals early in the season. Care must be exercised in using it. Our Fertilizer Catalog and the Crop Book each contain articles on the subject. Analysis, 13% Nitrogen.

Price, \$3.00 per 100 lbs.; \$5.60 per sack of 200 lbs.; \$56.00 per ton.

Nitrate of Lime

Nitrate of Lime is atmospheric nitrogen electrically combined with lime in a readily soluble form. It contains 13% Nitrogen, the same as Nitrate of Soda, but is more valuable, as the lime has a fertilizing value, and it will not cause the soil to become alkaline, as it is claimed the continued use of Nitrate of Soda is liable to do. It is used in the same manner and quantities as Nitrate of Soda.

Price, \$3.00 per 100 lbs.; \$6.30 per barrel of about 224 lbs.; \$56.00 per ton.

Superphosphate

This is what is known as Acid Phosphate, being Phosphate rock treated with acid to make the Phosphoric Acid available. While the Phosphoric Acid is not so valuable as that in Bone Meal, it is more quickly available, and for that reason is sometimes more useful. It contains 20% Phosphoric Acid, and is generally used at the rate of 500 to 1,000 lbs. per acre.

Price, \$1.75 per 100 lbs.; \$2.00 per sack of 125 lbs.; \$30.00 per ton.

Land Plaster, or Gypsum

This is not really a plant food, as it adds nothing to the soil, but it causes a chemical change which is very beneficial to clover, alfalfa, or other legumes. Usually applied at the rate of 100 lbs. to 500 lbs. per acre.

Price, \$1.00 per 100 lbs.; \$12.50 per ton.

Ground Lime Rock

This is not a fertilizer, but is used for sweetening sour land, the same as lime, to which it is superior. Applied at the rate of 1,500 to 2,000 lbs. per acre.

Price, \$1.00 per pack of 200 lbs.; \$8.50 per ton.

LILLY'S Lawn Lime

Kills dandelions, plantain, sorrel, thistles, etc., in lawns without injuring the fine leaved grasses. One pound is sufficient for about forty square feet of very weedy lawn.

Price, 2 lbs., 25c; 5 lbs., 50c; 25 lbs., \$2.00; 50 lbs., \$3.50; 100 lbs., \$6.00.

Animal Fertilizers

ANIMAL FERTILIZERS, being made from animal matter, add warmth and life to the soil. Most of them contain both Nitrogen and Phosphoric Acid, but do not contain Potash, so that to make them complete it is necessary to add the correct proportions of chemical fertilizers.

Bone Meal

Bone Meal is the basis of all the best mixed fertilizers, and for many purposes is the best and cheapest form of Nitrogen and Phosphoric Acid. It is slow in action, and there is no waste.

Our Bone Meal is made from fresh bones, and has not lost any of its value. It contains 3% Nitrogen and 22% Phosphoric Acid.

The quantity to use depends entirely upon the purpose for which it is used. In forming lawns, rose beds, etc., it should be used in very large quantities.

Price, \$2.25 per 100 lbs.; \$40.00 per ton.

Blood and Bone

An animal fertilizer, rich in Nitrogen and Phosphoric Acid, and having additional value on account of a certain warmth and vitality which it adds to the soil. It is a quick acting fertilizer, and for that reason it is for some purposes more valuable than Bone

Meal, although the effect is not so lasting. It should not be applied a great length of time before seed is planted.

Minimum analysis, Nitrogen 5%, Phosphoric Acid 9%. It is usually applied at the rate of 500 lbs. to 1,000 lbs. per acre.

Price, \$2.25 per 100 lbs.; \$38.00 per ton.

Fish Guano

Made from salmon scrap; contains about 8% Nitrogen and 10% Phosphoric Acid, and will produce good results on any crop where a large growth of leaves is desired. It is splendid for lawns, but the odor is rather objectionable. Usually applied at the rate of 500 lbs. to 1,000 lbs. per acre.

Price, \$2.65 per 100 lbs.; \$49.00 per ton.

Pulverized Sheep Manure

Pure sheep manure, kiln dried, pulverized, and finely screened. Drying reduces the weight more than one-half without losing any of its valuable ingredients. It contains liberal proportions of Nitrogen, Phosphoric Acid and Potash, and is one of the most valuable fertilizers.

Prices, 5/2-lb. package, 25c; 100-lb. bag, \$1.25; ton, \$20.00.

Good Reading Matter on the Subject of Fertilizers

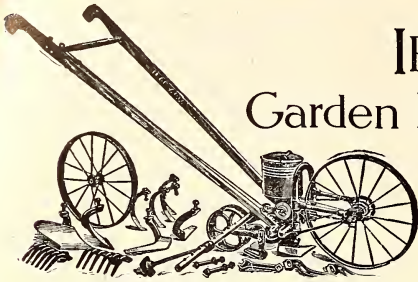
Before investing your money in large quantities of commercial fertilizers you should study the matter carefully, know what you are buying, and that it will pay dividends on the investment. Our FERTILIZER BOOK contains a great deal of information, and will be mailed free on request. The CROP BOOK is also full of good suggestions in regard to fertilizing, and although we do not furnish it free, we will give it with any order if asked for.



SPRAY BOOK tells how, when, and with what to spray. It is free.

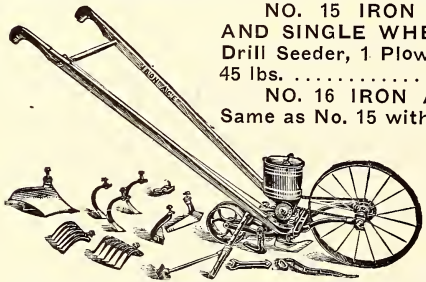
IRON AGE

Garden Drills and Cultivators



YEARs of experience have proven that the Iron Age Garden Implements are the most practical, durable and satisfactory. No person can afford to make a garden in the old, antiquated, back-breaking manner. With one of these machines a man or boy can do ten times as much work as by hand, and do it better and very much easier.

- NO. 6 IRON AGE COMBINED HILL AND DRILL SEEDER, DOUBLE AND SINGLE WHEEL HOE. Complete as illustrated, with Hill and Drill Seeder, 2 Hoes, 4 Cultivator Teeth, 2 Plows and 2 Rakes. Weight 57 lbs.....\$14.50
- NO. 7 IRON AGE HILL AND DRILL SEEDER. Seeder only. Same as No. 6 without cultivator attachments. Weight 43 lbs.\$11.00
- NO. 14 IRON AGE SEEDER AND HOE. Hill and Drill Seeder with Hoe and Teeth. Same as No. 6 without plows or rakes. Weight 52 lbs.\$12.80
- NO. 1 IRON AGE DOUBLE AND SINGLE HOE. With 2 Hoes, 4 Cultivator Teeth, 2 Plows and 2 Rakes. Same as No. 6 without seeder.. Weight 40 lbs.....\$8.65
- NO. 3 IRON AGE DOUBLE AND SINGLE WHEEL HOE. With Hoes only....\$5.45
- NO. 13 IRON AGE DOUBLE AND SINGLE WHEEL HOE. With Hoes and Teeth only. Weight 34 lbs.\$6.85



- NO. 15 IRON AGE COMBINED HILL AND DRILL SEEDER AND SINGLE WHEEL HOE. Complete as illustrated, with Hill and Drill Seeder, 1 Plow, 2 Rakes, 2 Hoes and 3 Cultivator Teeth. Weight 45 lbs.\$13.25
- NO. 16 IRON AGE HILL AND DRILL SEEDER. Seeder only. Same as No. 15 without cultivator attachments. Weight 39 lbs..\$10.25

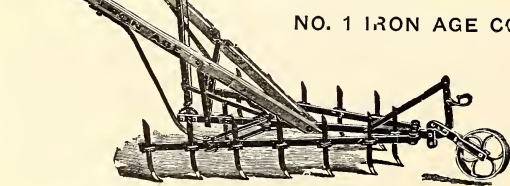
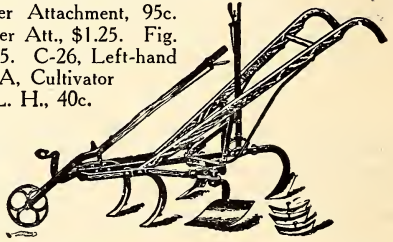
- NO. 20 IRON AGE SINGLE WHEEL HOE. With 1 Plow, 2 Rakes, 2 Hoes and 3 Cultivator Teeth. Same as No. 15 without seeder attachment. Weight 28 lbs.....\$7.30
- NO. 21 IRON AGE SINGLE WHEEL HOE. With 2 Hoes only. Same as No. 20 without rakes. Weight 23 lbs.....\$4.85

NO. 22 IRON AGE COMBINED FERTILIZER DISTRIBUTOR, HILL AND DRILL SEEDER. Double Wheel Hill and Drill Seeder and Fertilizer Distributor only. No cultivator attachments can be used with this machine. Weight 65 lbs.....\$20.50

ATTACHMENTS FOR IRON AGE GARDEN IMPLEMENTS.

Fig. 133, Drill Seeder Attachment, \$5.00. Fig. 134, Hill and Drill Seeder Att., \$6.00. Fig. 184, Fertilizer Distributor, \$5.40. Fig. 170, Double Mouldboard Plow, \$1.60. Fig. 112, Center Tooth Att., 65c. Fig. 216, Special Fender Side Hoes, \$1.60. Fig. 33, Onion Set Gatherer, 95c. Fig. 236, Hilling Attachment, \$1.40. Fig. 84, Weeder Attachment, 95c. Fig. 81, Double Weeder Att., \$1.25. Fig. 169, Disc and Fender Att., \$1.25. Fig. 82, Landside Plow, \$1.05. Fig. 369, Disc Cultivator Att., \$2.35. C-26, Left-hand Plow, 40c. C-30, R.-H. Plow, 40c. C-29, Rake, 40c. 30-A, Cultivator Tooth, 20c. C-19, Side Hoe, R. H., 40c. C-20, Side Hoe, L. H., 40c.

NO. 6 IRON AGE HORSE HOE AND CULTIVATOR. Width and depth are adjustable, and the variety of attachments makes it adaptable for any purpose. Indispensable to truck gardeners and farmers. Weight 83 lbs.\$10.00



NO. 1 IRON AGE COMBINED HARROW AND CULTIVATOR. With reversible steel teeth. Adjustable for width, depth and angle. Weight 66 lbs.\$8.00

For complete descriptions of these implements see the Iron Age catalog, which we will mail to you on request.



DUNHAM Water or Sand Ballast LAWN ROLLERS

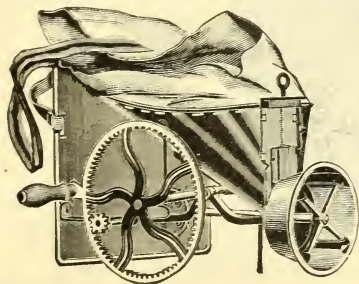
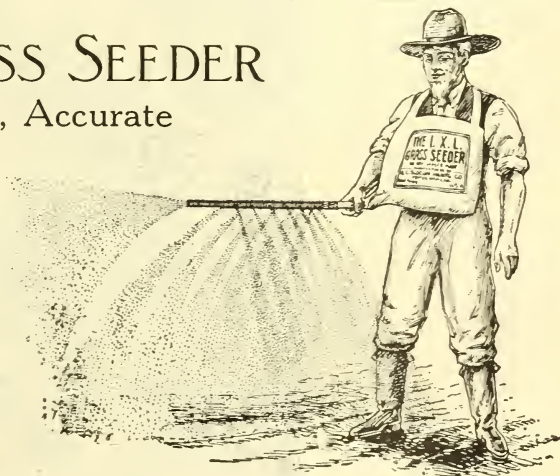
A GOOD LAWN cannot be maintained without the use of a roller. The surface must be kept perfectly smooth, and the turf compacted to make it tough and elastic and the grass fine and uniform in color. The Dunham Rollers are standard, and are universally used in all sections of the country. The weight is adjusted by filling with water or sand. They have roller bearings, are made of the best materials, and are superior in every way. Write for descriptive catalog.

No.	Diam-eter, Inches	Length, Inches	Sec-tions	Weight Empty	Filled Water	Filled Sand	Price
3	14	20	1	60	200	300	\$10.00
5	18	24	1	75	300	500	13.00
7	24	24	1	125	500	800	17.00
11	18	24	2	100	300	500	18.00

I. X. L. GRASS SEEDER

Light, Simple, Accurate

Although the price is low, this seeder is entirely practical, and sows seed accurately, evenly, and rapidly. It is very light, weighing less than one pound, and is well made of the best material. It can be regulated to sow any amount from one pint to ten quarts per acre, and will sow a strip from 45 to 60 feet wide each round. Write for circular. Price, \$1.00.

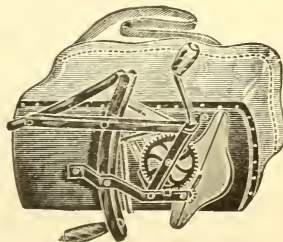


Cahoon Broadcast Seeder

The best and most popular broadcast seeder. It will sow evenly and accurately any grass or grain seed at the rate of four to six acres per hour. Made to last a lifetime. Fully guaranteed. Price, \$3.50. Weight, 6 lbs.

Little Giant Broadcast Seeder

The best little broadcast seeder for the price. It is light, strong, accurate, and does the work much easier and better than can be done by hand. Weight only 3 1/2 lbs. Price, \$1.90.



IF YOU ARE INTERESTED IN POULTRY write for LILLY'S POULTRY BOOK. It is full of practical suggestions of interest to either the amateur or professional poultryman, and also contains descriptions and prices of the best and most complete line of poultry supplies to be had in the West.

SPRAY MATERIAL

LILLY'S

LIME and SULPHUR SOLUTION

One quart	\$.30
One gallon.....	.50
Five gallons ...	1.75
Barrel	9.00

LILLY'S

Tobacco Extract

8 oz. bottle....	\$.25
Quart .....	.75
Gallon	2.50
Five gallons...	10.00
Barrel	45.00

Formaldehyde Tree Soap

1 lb. Cake.....	15c
Postage	15c

Black Leaf 40

1½ lbs.	\$.85
2½ lbs.	3.25
10½ lbs.	12.50

Nico-Fume Liquid

¼ pint.....	\$.50
1 pint.....	1.50
½ gallon.....	5.50
1 gallon.....	10.50

Nico-Fume Paper

24 sheets.....	\$.75
144 sheets.....	3.50
288 sheets.....	6.50

Weed Killer

100 lbs.	\$3.00
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Fumigating Tobacco Powder

1 lb., 10c; 10 lbs., 75c; 100 lbs., \$5.00.

Dusting Tobacco Powder

1 lb., 10c; 10 lbs., 75c; 100 lbs., \$5.00.

ELECTRO

POWDERED ARSENATE OF LEAD

1 lb.	\$.50
6 lbs.	2.10
10 lbs.	3.00
25 lbs.	6.75
50 lbs.	13.00
100 lbs.	24.00
300 lbs.	72.00

Electro Bordo-Pulp

1 lb.	\$.30
10 lbs.	2.00

Electro Bordo-Lead

1 lb.	\$.35
10 lbs.	2.50

Electro Kerosene

Emulsion Gallon	\$1.00
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Electro Insecticide Soap

1 lb.	\$.20
10 lbs.	1.80
100 lbs.	13.00

Electro Pine Tar

Creosote Gallon	\$1.00
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Electro Tree Lime

1 lb.	50c
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Sulpho-Tobacco Soap

3 oz. Cake.....	10c
Postage	3c

Hammond's Slug Shot

1 lb., 15c; 5 lbs., 50c.

Hammond's Grape Dust

1 lb., 15c; 5 lbs., 50c.



Write for **LILLY'S** SPRAY BOOK for descriptions

It tells why, when, and how to spray, and describes the insects and fungi in such a manner that anyone will know them at sight, and will know what treatment will be most effective. If you have an orchard, small fruit, garden, shrubbery, flowers, or a lawn, you need it in your business, whether you are an amateur or professional. It is free for the asking.

SPRAY APPLIANCES

IDEAL SPRAY OUTFIT



COMPACT, light, easy to operate, and can be handled in small space. The tank holds fifteen gallons of solution. It has an extra large air chamber, insuring uniform pressure, and a pressure of one hundred and fifty pounds can be easily maintained. Equipped with 10 feet $\frac{3}{8}$ -inch Pressure Hose, 8 feet Pipe Extension in two pieces, 1 Ideal Nozzle, 1 Brass Shut-off Cock. Shipping weight 60 lbs. Price, \$20.00.

Yankee Barrel Pump

A powerful spray pump for orchards, etc., and for whitewashing. Two leads of hose may be used by attaching a "Y."

No. 25 **YANKEE BARREL PUMP**, complete with Agitator, 5 feet $\frac{1}{2}$ -inch 3-ply Hose, and Demorel Nozzle, without barrel... \$8.00

Lowell COMPRESSED AIR Sprayer

Simple in construction, easy to clean, and handy to carry. Capacity, three gallons.

Complete, with Shoulder Strap, Short Nozzle, Hose, Extension, and Strainer Funnel \$5.00

Auto-Spray Whitewash Sprayer

Especially designed for whitewashing, but equally valuable for any other kind of spraying. Capacity, eight gallons. Complete, with 8 ft. Spray Hose, Extension, Stop Cock and Perpetual Nozzle. Price, \$12.50.

King Barrel Pumps

For orchards and large trees where large quantities of solution are to be applied. They have great capacity, and the large air chambers give a uniform pressure. Made of the best materials and workmanship.

No. 4 **KING BARREL PUMP**. $1\frac{3}{4}$ -inch Cylinder, 2-inch Air Chamber.. Pump only \$6.00

No. 6 **KING BARREL PUMP**. $2\frac{1}{2}$ -inch Cylinder, 3-inch Air Chamber.. Pump only \$10.00

Perfection Sprayer

A knapsack sprayer of improved design. Made of galvanized steel. Will spray Whitewash, Water Paints, Bordeaux Mixture, etc., as well as all the insecticides and fungicides in common use. Capacity, three gallons of solution. Weight, empty, 9 lbs. Price, \$5.00.

Lightning Spray Pump

A bucket pump especially adapted to spraying whitewash, but equally useful for spraying insecticides, etc. Price, \$3.00.

Little Giant Spray Pump

Another good bucket pump for any kind of spraying except that it is not recommended for whitewashing. Price, \$2.75.

On Our BARGAIN Counter

Auto-Spray ORCHARD SPRAYER.

We are over-stocked with this powerful, double cylinder orchard sprayer, and to reduce the stock are offering it at greatly reduced prices.

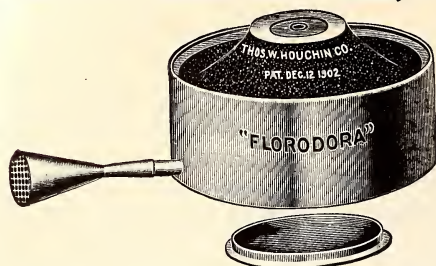
No. 7 **AUTO SPRAY**. Pump only... \$15.00

No. 7-B **AUTO SPRAY**. Pump with Suction Hose, two 25-ft. leads Spray Hose, Pressure Gauge, and two Perpetual Nozzles \$25.00

Auto-Spray POWER SPRAYER

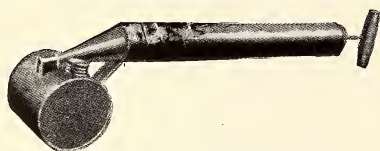
This outfit consists of a $2\frac{1}{2}$ h. p. gasoline engine with a powerful pump attached on same base. It does not include hose or other fittings. We have only a few in stock, and are closing them out at bargain prices. Write for circular.

Reduced price, \$175.00.



Florodora Insect Powder Gun

Extra large; holds one-half pound of powder. Especially adapted to spraying plants, shrubbery and animals of all kinds. Price, 35c; postage, 5c.



Holly Sprayer

A single tube tin sprayer for applying Lice Killer and Fly Killer, and for applying any kind of liquid spray to roses, shrubbery, flowers, vegetables or animals. Price, 40c; postage, 20c.



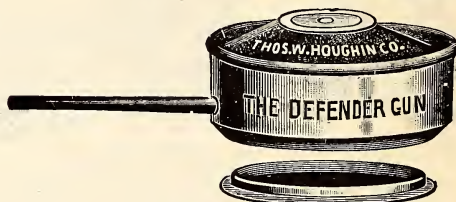
Lowell Blow Powder Sprayer

For applying any kind of insecticide, fungicide, or disinfectant in powder form. The ball valve in end of cylinder is positive in its action, and it is impossible to draw any powder into cylinder. The powder can hold one quart. Price, 75c; postage, 25c.



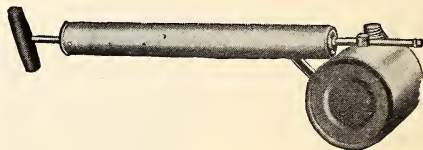
Jumbo Insect Powder Gun

Large. Holds 1/4 lb. of powder. Price, 25c; postage, 5c.



Defender Insect Powder Gun

Small. Gold lacquered tin. Large opening for powder. Price, 10c; postage, 2c.



Lowell Continuous Sprayer

For spraying any kind of liquid. It has an air chamber which causes it to throw a continuous spray, not affected by strokes of the plunger. Capacity one quart. Well made of heavy tin.

Price, 75c; postage, 25c.

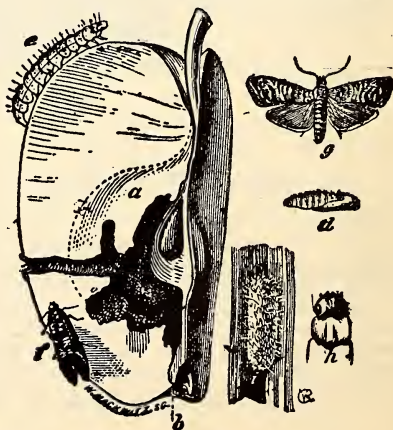
LILLY'S SPRAY BOOK

Tells
Why, When, How, and With
What to Spray

It describes the appearance and habits of insects and fungi in such a manner that any one can ascertain what pests are troubling their trees and plants.

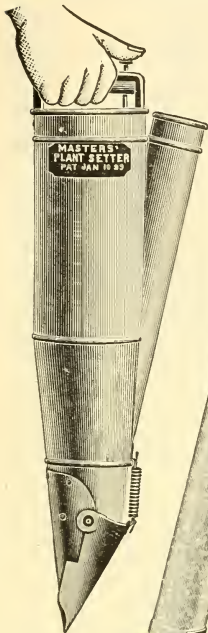
It also contains descriptions and prices of our complete line of Spray Materials and Appliances.

Shall we mail you a copy? It is free.



MASTER'S PLANT SETTER

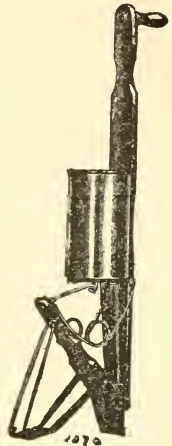
ONE MAN with one of these plant setters will set, fertilize, and water if desired, more plants than three men can set by hand, and will do it easily, without stooping. Every plant is well set and is securely rooted by absorption, nature's way, so that it has a chance to grow. The machine is durably constructed, and is practical. Write for circular. Price, \$4.00.



Eureka Tubular Potato Planter

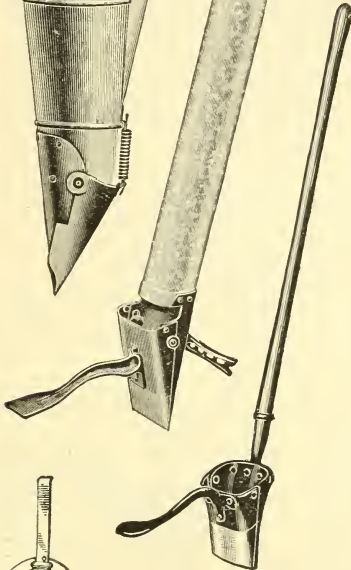
Eliminates back-ache. Plants any size seed, and any number of pieces, at an adjustable, uniform depth. The operator stands upright, drops seed into top of tube, steps on hopper to force planter into the ground, tips planter forward to trip it, and steps forward to next hill.

Price, \$1.25.



Acme Potato Planter

Works on the same principle as the Eureka, but has no tube, and the planter must be raised and seed dropped into the hopper. Price, \$1.00.



Acme Rotary Automatic Corn Planter

The best planter made for corn, beans, peas, or similar seeds. It is operated with one hand; is very light, 5½ lbs.; and plants any number of seeds with extreme accuracy. Price, \$1.50.



Acme Corn Planter

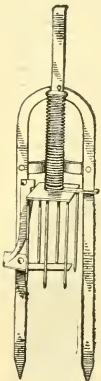
A two-handled planter; light, durable, well made and accurate. Plants corn, beans, peas, and similar seeds, and does not crack the seed. Price, \$1.00.

Out o' Sight Mole Trap

Neat and effective. No mole can pass under it and live. Weight 2 lbs. Price, 75c.

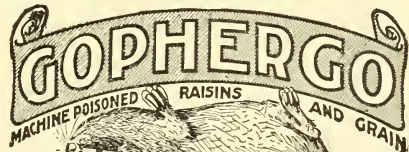
Little Giant Mole Trap

The simplest, safest, strongest, and surest. Set by simply pulling up the plunger rod. Made of heavy cold rolled steel, galvanized. Price, 75c.



Gophergo

A poison that gophers will eat. Kills ten gophers where traps get one. Put up in cans of four sizes. The large can will kill 800 to 1000 gophers. Cannot be mailed. Prices: 25c, 50c, \$1 and \$2.50

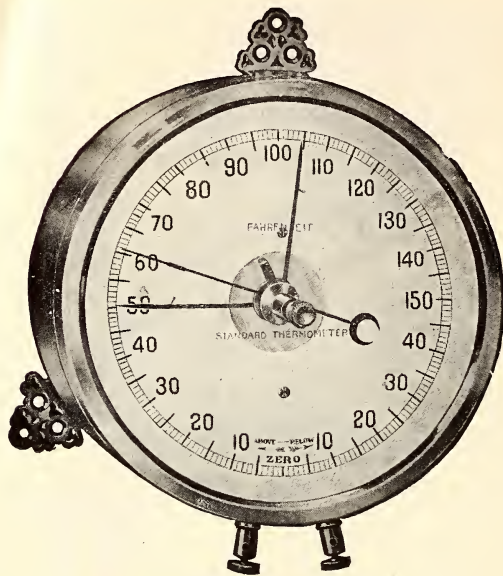


SURE DEATH TO GOPHERS, SQUIRRELS, PRAIRIE DOGS, RABBITS, RATS AND MICE.



Erickson's Exterminator

Positively the most effective method known for exterminating gophers, squirrels, and other burrowing pests. Better than poison, for it is absolutely safe and acts only on pests that burrow. To use it, simply light the fuse, insert the cartridge in the burrow, and cover with dirt. A gas is generated which is certain death to any animal in the burrow. Tests made by the U. S. Dept. of Agriculture resulted in unqualified satisfaction. Cannot be mailed. Price, 5c each; \$5.00 per 100.



STANDARD THERMOSTAT

May be set at any two points, and when connected with an electric bell, will ring the bell when the temperature rises or falls to those points. Indispensible in greenhouses, orchards or dry kilns. Diameter 6 inches. Does not include electric bell.

Style No. 1, \$6.00.

RECORDING THERMOMETER

Registers from 20 degrees below to 120 degrees above zero, making an indelible record on either a daily or weekly chart, which may be referred to at any time, showing the exact temperature at any time during the day or week.

No. 2. Weekly Chart. Price \$25.00.
No. 3. Daily Chart. Price \$25.00.

HOT-BED THERMOMETER

To be inserted in the earth in hot-bed or mushroom bed. Encased in wood, with brass point.

No. 1068. Price 90c. Postage 10c.

Self Registering Greenhouse Thermometer

Registers both the coldest and warmest temperature during any given time. May be used as a check on the night-watchman, or to keep tab on the weather during the night.

No. 1067. Price \$2.00. Postage 10c.

For Incubator and Brooder Thermometers see **LILLY'S POULTRY SUPPLY CATALOG.**



POT LABELS

	Weight	per 100	100	1000
Wood, painted.				
4 in.	5 oz.	\$.10		\$.85
5 in.	6 oz.	.15		1.00
6 in.	8 oz.	.20		1.25
10 in.	16 oz.	.65		3.25

GARDEN STAKES

12x1/8 inches. Painted.....	100	1000
	.80	\$7.50

TREE LABELS

	Weight	per 100	100	1000
Wood, painted.				
3 1/2 in. Notched	6 oz.	\$.15		\$.80
3 1/2 in. Copper Wired	7 oz.	.25		1.30

BAMBOO PLANT STAKES

6 ft. 20c doz.; 75c per 100; \$6.00 per 1000.

GRAFTING WAX

Our own make; extra good. 1/2 lb., 15c; lb., 25c.

RAFFIA

Natural color; for nursery work. 1 lb., 25c; 10 lbs., 18c per lb.; bale, 12c per lb.

FLOWER POTS

	1000.	100	Doz.	Each.
2 inch	\$5.00	\$.60	\$.10	\$.02
2 1/2 inch	7.50	.70	.15	.02
3 inch	10.00	1.20	.20	.03
3 1/2 inch	12.50	1.50	.25	.04
4 inch	15.00	1.75	.30	.05
5 inch	22.50	2.75	.45	.06
6 inch	30.00	3.50	.60	.08
7 inch	50.00	6.00	1.00	.12
8 inch	75.00	8.00	1.30	.15
9 inch .....	.....	13.50	1.75	.20
10 inch .....	.....	20.00	3.00	.30
12 inch .....	.....	30.00	4.00	.40

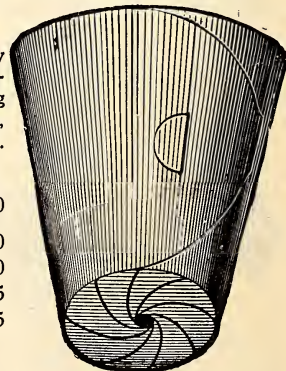
FERN PANS AND 3/4-POTS

Sizes 4 to 12 inches. Prices same as for Flower Pots.

NEPONSET FLOWER POTS

Made of heavy waxed paper; splendid for shipping plants; unbreakable, light and economical. Ask for samples.

Size.	1000	100
2 1/4 in.....	\$3.00	\$.40
2 1/2 in.....	3.50	.50
3 in.....	5.50	.75
4 in.....	10.00	1.25





LILLY'S PRUNING SHEARS

THESE SHEARS are made for actual service, and will be appreciated by the professional nurseryman and orchardist. They are made of the best material, are strong, durable, and are the easiest cutting pruning shears made. Each shear is carefully tested, and is fully guaranteed. They are fitted with adjustable nut and brass spring. All blades, springs and bolts are interchangeable.

NO. 2 PRUNING SHEAR

The best pruning shear made. Both blades and frames are made of the best quality of steel, polished. If broken within six months, with ordinary usage, we will replace them. Length $8\frac{3}{4}$ inches. Price \$2.50. Postage 15c.

NO. 3 PRUNING SHEAR

The pattern is the same as the No. 2, and they have polished steel blades, but the frames are black, and the material and workmanship are not quite so good. Length $8\frac{3}{4}$ inches. Price \$1.50. Postage 15c additional.

TREE PRUNER

Forged from a very high grade of tool steel, finely tempered by expert workmen. They have lock nuts which cannot work loose. Handles 22 inches long; shears 28 inches over all. Warranted.

Price \$2.50.

FLOWER AND FRUIT PICKING SHEARS



A combined shear and holder. Indispensable to flower and fruit growers.

In pruning rose bushes or shrubbery, or picking flowers, the prunings or flowers are cut off and held firmly by the shears, leaving the other hand free. As a grape picker, there is nothing equal to it. Length $6\frac{3}{4}$ inches. Made of high grade steel, finely tempered and ground sharp. Japanned handles.

Price 75c. Postage 10c.

WATER'S TREE PRUNERS

A pruning shear mounted on long pole. Indispensable for pruning tops of trees.

PRICES
With 8 ft. pole, \$1.00
With 10 ft. pole, \$1.10
With 12 ft. pole, \$1.25

Write for a copy of
The Spray Book
It is free.



No. 4. PRUNING SHEAR.

This, although a cheaper pruner, is good for ordinary light work. It may also be used for orchard work, but is built on a lighter design than our No. 2 and No. 3. Length $8\frac{3}{4}$ inches. Black filled handles; polished blades. Price 80c. Postage 10c.

MASTICA

For glazing greenhouses, etc. Better than putty, and much easier to apply. One gallon is sufficient for 290 lineal feet. In one gallon cans only.

\$1.60 per gallon.

MASAICA MACHINE

For applying Mastica. Weight 20 ounces. \$1.40.

PEERLESS GLAZING POINTS

For greenhouse and hot-bed sash. Only two required for each pane of glass, and so constructed that glass cannot slide. 1,000 to a pound.

Price 75c per 1,000. Postage 16c per 1,000.

SCOLLAY PUTTY BULB

For applying putty or Mastica greenhouse sash, etc. Very successful. Full directions enclosed.

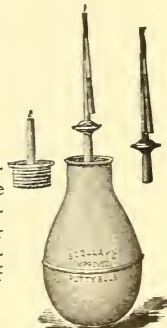
Price \$1.00. Postage 10c.

SCOLLAY PLANT SPRINKLER

For sprinkling house plants. Convenient for sprinkling under side of leaves.



Price \$1.00.
Postage 10c.



LILLY'S COW CONDITIONER

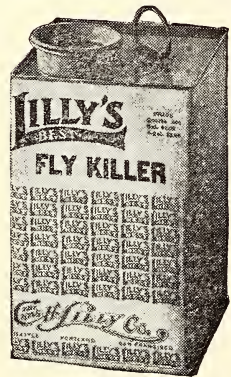
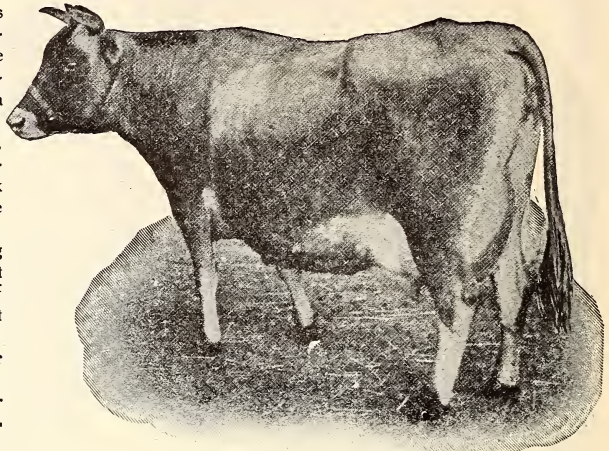
A TONIC and regulator which keeps the cow in perfect physical condition, reducing to a minimum the large percentage of food which is otherwise undigested, wasted, and from which the cow receives no benefit.

By keeping the cow in perfect health, milk yield is greatly increased, and ailments such as abortion, barrenness, milk fever, retained afterbirth, scours, etc., are prevented.

It is equally good for calves, making them vigorous, strong and healthy, but it should not be given to any other kind of stock, as it is prepared especially to meet the requirements of cattle only.

We guarantee it to produce results, or money will be refunded to you.

Small package, 25c; large package, 50c; 25-lb. pail, \$2.50; 100-lb. barrel, \$8.00.



LILLY'S FLY KILLER

IF THE FLIES or mosquitoes are worrying the life out of your cow, thus reducing the yield of milk, spray twice a day with Lilly's Fly Killer. It is guaranteed to keep the flies away, and will not taint the milk or harm the stock in any way. Dairymen use it in large quantities, and consider it indispensable. Equally useful for horses or other stock. It is best applied with one of the small hand sprayers listed elsewhere in this catalog and in our Spray Book. Being a liquid, it cannot be sent by mail.

Quart, 35c; gallon, \$1.00; 5 gallons, \$3.50.

LILLY'S GERM DESTROYER

An antiseptic for Gapes, Mange, Bed Bugs, Hog Cholera, Sores, Wounds, and Castrations; also a disinfectant for closets, sick-rooms, sewers and urinals. Bottle, 25c. Cannot be mailed.

LILLY'S STOCK TONE

For Horses, Hogs, and Sheep

TWO tablespoonfuls of Stock Tone each day will keep a horse in perfect health, acting as a preventive against those diseases which a horse is liable to contract. When he needs toning up, a few doses will give him new life, tone up the system, carry off the waste matter, promote healthy secretion, regulate the kidneys; give him a glossy coat, bright eyes, and put vim into him.

It is especially valuable for hogs and sheep. By promoting health, it eliminates loss from undigested food, thus reducing feed bills and time required to fit them for market.

Small package, 25c; large package, 50c; 25-lb. pail, \$2.50; 100-lb. barrel, \$8.00.



LILLY'S HEAVE REMEDY

Will cure any case of heaves except Bellows or Whistling Heaves, which can only be relieved, and will cure Coughs, Colds, Distemper, Pink Eye, Epizootic, Lung Fever, etc. Package, 50c; postage, 20c.



BLATCHFORD'S CALF MEAL

A PERFECT SUBSTITUTE FOR MILK
For Calves, Colts, Pigs, Lambs, and Poultry

IT PAYS TO RAISE CALVES, but it does not pay to feed them butter fats. Blatchford's Calf Meal is a perfect substitute for milk, as rich as whole milk, at half the expense. A pound makes one gallon of perfect milk substitute, fully equal to whole
25 lbs., \$1.25; 50 lbs.,

milk for raising calves. Calves thrive on it. It prevents scouring, and insures early maturity. It also produces excellent results when fed to colts, pigs, and lambs; and is splendid for poultry. Write for the booklet, "Calves Without Milk."
\$2.25; 100 lbs., \$4.00.

LILLY'S Worm Powder

Colts, lambs, and pigs are most susceptible to worms. Lilly's Worm Powder will effectually expell worms from all animals. An occasional dose will also prevent cholera among hogs.

Package, 5Jc; postage, 20c.

LILLY'S Gall Remedy

This is a guaranteed remedy for galled shoulders and backs on horses.

Package, 25c; postage, 10c.

White Rock Hoof Packing

A natural rock, just as it comes from the mines. It is strongly antiseptic, will absorb many times its own weight in water, and retain this large amount of moisture for many months. It is nature's own product for the preservation of the horse's hoof. It has been tested by the most prominent veterinary surgeons, horsemen, and horse-shoers, and is highly recommended by all as the best hoof packing.

2-lb. carton, 15c; 25 lbs., \$1.00; 100 lbs., \$4.00.

Kow Kure

A remedy for the diseases of cows only, such as Barrenness, Scours, Milk Fever, Caked Udder, Bloating, Red Water, Swelling of the Bag, etc. It prevents Abortion, removes Retained Afterbirth, tones up the system, and renews vitality.

Small Cans, 50c. Postage, 25c additional.
Large Cans, \$1.00. Cannot be mailed.

Cow's Relief

Relieves Caked Bag in twelve to twenty-four hours if used promptly; heals and removes soreness from sore and injured teats; prevents heifers from becoming hard milkers; and removes Spider in the teat if used at the start.

Price, \$1.00; postage, 20c.

Ground Flax Seed

Pure flax seed, ground, without the oil extracted. One of the best laxatives for all kinds of stock. Two to four ounces, mixed with other feeds, twice a week, will keep the bowels in perfect condition, and the coats sleek.

100 lbs., \$7.00; less than sack lots, 8c lb.

LILLY'S Lime and Sulphur Sheep Dip

When diluted according to directions for the treatment of Sheep Scab, it will give a dipping fluid, of the composition required of a lime and sulphur dip by the regulation of the U. S. Department of Agri-

culture governing Sheep Scab.

Quart, 30c; gallon, 50c; 5 gallons, \$1.75;
barrel (about 50 gallons), \$9.00.



BOOKS

FOLLOWING is only a partial list of the books which we can furnish. We can furnish books on almost any subject pertaining to farming, gardening, fruit, poultry or stock. If what you wish does not appear below, please name the subject which you wish literature on, and we can probably furnish it.

Most of these books are not carried in stock, but we order them mailed to our customers direct from the publishers, so that there is a delay of about ten days between the time the order is received and the time the book reaches you.

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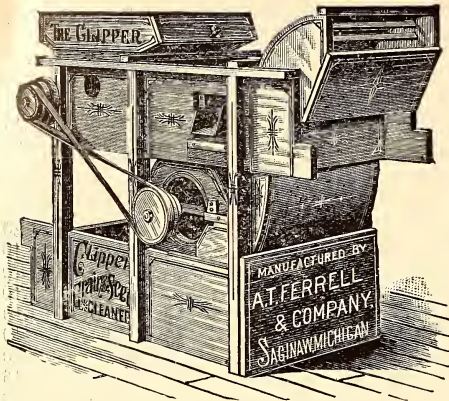
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No. 2 Clipper Seed Cleaner

This cleaner is unequalled for cleaning all classes of grain, seeds, or legumes, such as wheat, corn, oats, barley, rye, beans, peas, buckwheat, kaffir corn, millet, clover, alfalfa, timothy, mustard, flax, etc., and is suitable for general farm use.

Capacity, 40 bushels market wheat, or 12 bushels clover seed per hour. Complete with ten screens, 19x29 inches, with spreading boards, and all necessary attachments. Shipping weight 150 lbs.

Price, F. O. B. Seattle, \$26.00.

The CLIPPER GRAIN, SEED and BEAN CLEANER

THE CLIPPER is the standard seed cleaner, and is the machine most universally used by seedsmen. Lilly's Best Seeds are cleaned with the larger size Clipper Cleaners. They are recommended by all State Agricultural Colleges and by the U. S. Department of Agriculture.

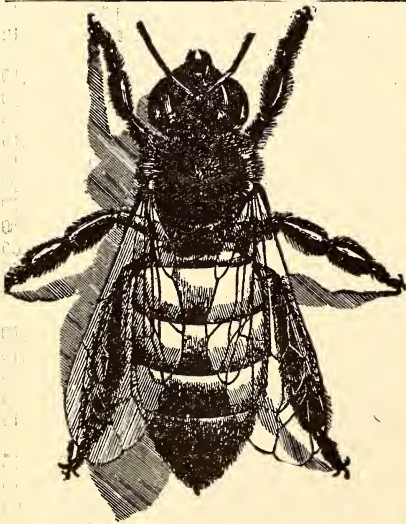
Unlike other mills, the Clipper cleans all classes of seeds and grains thoroughly at one operation, without waste, and leaves no tailings to be rehandled. It does the best work with the least power and with the least amount of repairs. They are guaranteed to do more perfect work than any other hand-power seed cleaner manufactured.

We will mail you the Clipper Seed Cleaner Catalog if you wish it.

No. 1 Clipper Seed and Grain Cleaner

This is a hand-power cleaner of large capacity, is very light-running, and designed especially for cleaning all kinds of fine seeds, such as clover, timothy, alfalfa, millet, flax, red top, blue grass, etc. It is the same as the No. 1 in principle, and will do any work that the No. 1 will do, but it is not recommended as a general grain cleaner for the reason that it requires too much power to turn it by hand on grain or beans where a strong air blast is necessary.

Capacity, 20 bushels clover seed per hour. It is provided with ten screens, 24x33 inches. Shipping weight 250 lbs. Price, F. O. B. Seattle, \$35.00.



We are Pacific Coast agents for the celebrated Lewis Bee Supplies. If you are interested in bees, write for

LILLY'S Bee Supply Catalog



Our Line of

Poultry Foods and Supplies

Is the **BEST** and **MOST COMPLETE** to be had in the West.

If you are interested in poultry, or expect to be, you cannot afford to be without

LILLY'S POULTRY BOOK

It is full of good suggestions, of interest to either the amateur or professional poultryman, and it is

FREE.

NUMBER OF PLANTS TO THE ACRE

Dis. Apart.	No. Plants	Dis. Apart.	No. Plants	Dis. Apart.	No. Plants	Dis. Apart.	No. Plants
12 x 1 in.	522,720	25 x 18 in.	15,520	36 x 36 in.	4,840	60 x 60 in.	1,745
12 x 3 in.	174,240	30 x 1 in.	209,088	42 x 12 in.	12,446	8 x 1 ft.	5,445
12 x 12 in.	43,560	30 x 6 in.	34,848	42 x 24 in.	6,223	8 x 3 ft.	1,815
16 x 1 in.	392,040	30 x 12 in.	17,424	42 x 36 in.	4,148	8 x 8 ft.	680
18 x 1 in.	348,480	30 x 16 in.	13,068	48 x 12 in.	10,890	10 x 1 ft.	4,356
18 x 3 in.	116,160	30 x 20 in.	10,454	48 x 18 in.	7,790	10 x 6 ft.	726
18 x 12 in.	29,040	30 x 24 in.	8,712	48 x 24 in.	5,445	10 x 10 ft.	435
18 x 18 in.	19,360	30 x 30 in.	6,970	48 x 30 in.	4,356	12 x 1 ft.	3,630
20 x 1 in.	313,635	36 x 3 in.	58,080	48 x 36 in.	3,630	12 x 5 ft.	736
20 x 20 in.	15,431	36 x 12 in.	14,520	48 x 48 in.	2,723	12 x 12 ft.	302
24 x 24 in.	10,890	36 x 18 in.	9,680	60 x 36 in.	2,901	16 x 1 ft.	2,722
24 x 1 in.	261,360	36 x 24 in.	7,260	60 x 48 in.	2,178	16 x 16 ft.	170

QUANTITY OF SEED REQUIRED

Quantity per Acre.

		Rye Grass, Oat Grass, Fescue Grasses	
Alfalfa	8 to 15 lbs.	Orchard Grass	40 to 60 lbs.
Alyske	6 to 10 lbs.	Hemp	40 to 50 lbs.
Artichoke, 1 oz., to 500 plants	6 oz.	Horse Radish Roots	15000 to 20000
Asparagus, 1 oz. to 500 plants	1 lb.	Kale, 1 oz. to 150 feet of drill	1 lb.
Barley	100 lbs.	Kale, Thousand Headed	1 lb.
Beans, Dwarf, 1 lb. to 100 feet of drill	50 lbs.	Kohlrabi, 1 oz. to 150 feet of drill	2 lbs.
Beans, Tall, 1 lb. to 150 hills	25 lbs.	Kaffir Corn	6 to 8 lbs.
Beet, Garden, 1 oz. to 50 feet of drill	5 lbs.	Leek, 1 oz. to 100 feet of drill	4 lbs.
Beet, Sugar, 1 oz. to 50 feet of drill	5 lbs.	Lettuce, 1 oz. to 150 feet of drill	3 lbs.
Beet, Mangel Wurzel, 1 oz. to 50 feet of drill	5 lbs.	Melon, Musk, 1 oz. to 60 hills	2 to 3 lbs.
Broccoli, 1 oz. to 2000 plants	4 oz.	Melon, Water, 1 oz. to 30 hills	3 to 4 lbs.
Brussels Sprouts, 1 oz. to 2000 plants	4 oz.	Millet	30 lbs.
Broom Corn	12 lbs.	Nasturtium, 1 oz. to 50 feet of drill	15 lbs.
Buckwheat	45 lbs.	Oats	75 lbs.
Cabbage, 1 oz. to 1500 plants	½ lb.	Okra, 1 oz. to 100 feet of drill	8 lbs.
Carrot, 1 oz. to 125 feet of drill	3 lbs.	Onion, 1 oz. to 100 feet of drill	8 lbs.
Cauliflower, 1 oz. to 2000 plants	3 oz.	Onion, for sets	30 to 80 lbs.
Celery, 1 oz. to 5000 plants	1 lb.	Onion Sets, 1 lb. to 75 feet of drill	400 lbs.
Cheat	100 lbs.	Parsley, 1 oz. to 300 feet of drill	3 lbs.
Chicory, 1 oz. to 100 feet of drill	4 lbs.	Parsnip, 1 oz. to 200 feet of drill	6 lbs.
Clover, White and Alyske	6 to 10 lbs.	Peas, Garden, 1 lb. to 50 feet of drill	200 lbs.
Clover, White, for Lawns	25 to 100 lbs.	Peas, Field	150 lbs.
Clover, Red, Mammoth and Crimson	12 to 20 lbs.	Pepper, 1 oz. to 100 plants	400 lbs.
Collards, 1 oz. to 2000 plants	4 oz.	Potatoes	3 to 4 lbs.
Corn, Sweet, 1 lb. to 200 hills	15 lbs.	Radish, 1 oz. to 100 feet of drill	10 lbs.
Corn, Field	12 to 20 lbs.	Rape, Dwarf Essex	5 to 10 lbs.
Corn, Fodder	125 lbs.	Rutabaga, 1 oz. to 150 feet of drill	2 lbs.
Corn, Pop	8 to 10 lbs.	Rye	90 to 120 lbs.
Corn, Wheat	125 lbs.	Salsify, 1 oz. to 50 feet of drill	8 lbs.
Cress, 1 lb. to 100 feet of drill	1 lb.	Speltz	100 lbs.
Cucumber, 1 oz. to 60 hills	2 to 3 lbs.	Spinach, 1 oz. to 100 feet of drill	8 lbs.
Egg Plant, 1 oz. to 2000 plants	4 oz.	Spurry	15 lbs.
Endive, 1 oz. to 100 feet of drill	4 oz.	Squash, Summer, 1 oz. to 25 hills	3 lbs.
Flax, for seed 30 lbs. to acre. For fiber	50 lbs.	Squash, Winter, 1 oz. to 12 hills	4 lbs.
Grass, Lawn, 1 lb. to 300 square ft.	145 lbs.	Sugar Cane	10 lbs.
Grass, Kentucky Blue, Canadian Blue	20 lbs.	Sunflower	8 lbs.
Timothy	25 lbs.	Tobacco, 1 oz. to 10000 plants	3 oz.
Red Top, in chaff 60 lbs. Solid	30 lbs.	Tomato, 1 oz. to 2000 plants	4 oz.
		Turnip, 1 oz. to 150 feet of drill	2 lbs.
		Vetches, Spring	60 to 90 lbs.
		Vetches, Winter	30 to 60 lbs.
		Wheat	90 to 120 lbs.

USUAL DISTANCES FOR PLANTING

Beans, Bush, drills 2 to 3 feet apart.	Melon, Water, 7 to 8 feet each way.
Beans, Pole, 3 to 4 feet each way.	Onions, drills 14 to 20 inches apart.
Beets, Early, drills 12 to 18 inches apart.	Parsnip, drills 18 to 36 inches apart.
Beets, Late, drills 2 to 3 feet apart.	Peach Trees, 18 to 24 feet each way.
Blackberries, erect growing, 6 to 9 by 4 feet.	Pear Trees, standard, 20 to 25 ft. each way.
Blackberries, Mammoth and Himalaya, 8 by 24 feet.	Pear Trees, Dwarf, 12 to 15 feet each way.
Cabbage, Early, 16 by 30 inches.	Peas, drills 2 to 3 feet apart.
Cabbage, Late, 24 by 30 inches.	Pepper, 15 to 18 inches by 2 to 2½ feet.
Carrots, drills 1 to 2 feet apart.	Plum Trees, 15 to 20 feet each way.
Corn, Sweet, 3 to 3½ feet by 9 to 24 inches.	Potatoes, 12 to 18 inches by 2½ to 3 feet.
Corn, Field, 3½ to 4 feet each way.	Pumpkin, 8 to 10 feet each way.
Cucumber, 4 to 5 feet each way.	Quince Trees, 15 feet each way.
Currants, 5 by 3 feet.	Radish, drills 10 to 18 inches apart.
Egg Plant, 3 by 3 feet.	Raspberries, 6 to 8 by 3 feet.
Lettuce, drills 18 inches apart.	Rhubarb, 2 to 4 feet by 4 feet.
Melon, Musk, 5 to 6 feet each way.	Salsify, drills 18 to 24 inches apart.
Celery, rows 3 to 4 feet 6 inches in row.	Spinach, drills 12 to 18 inches apart.
Cherry Trees, 15 to 20 fete each way.	Squash, Bush, 3 to 4 feet by 4 feet.
Cauliflower, 2 by 2 to 2 by 3 feet.	Squash, Running, 12 feet each way.
Apple Trees, 20 to 30 feet each way.	Strawberries, Hills, 36 by 18 inches.
Asparagus, 3 to 4 by 2 feet.	Strawberries, Matted Rows, 48 by 12 inches.
Gooseberries, 5 by 3 feet.	Sweet Potatoes, 2 feet by 3 to 4 feet.
Grapes, 8 by 8 to 10 by 12 feet.	Tomato, 4 feet by 4 to 5 feet.

