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1914

LILLY'S
SEEDS

The CHAS. H. LILLY CO.
PORTLAND SEATTLE

1911

THE
SEEDS

THE CHAS. HILL CO.
SEATTLE
PORTLAND

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LILLY'S

COMPLETE ANNUAL CATALOG 1914



THE CHAS. H. LILLY CO.

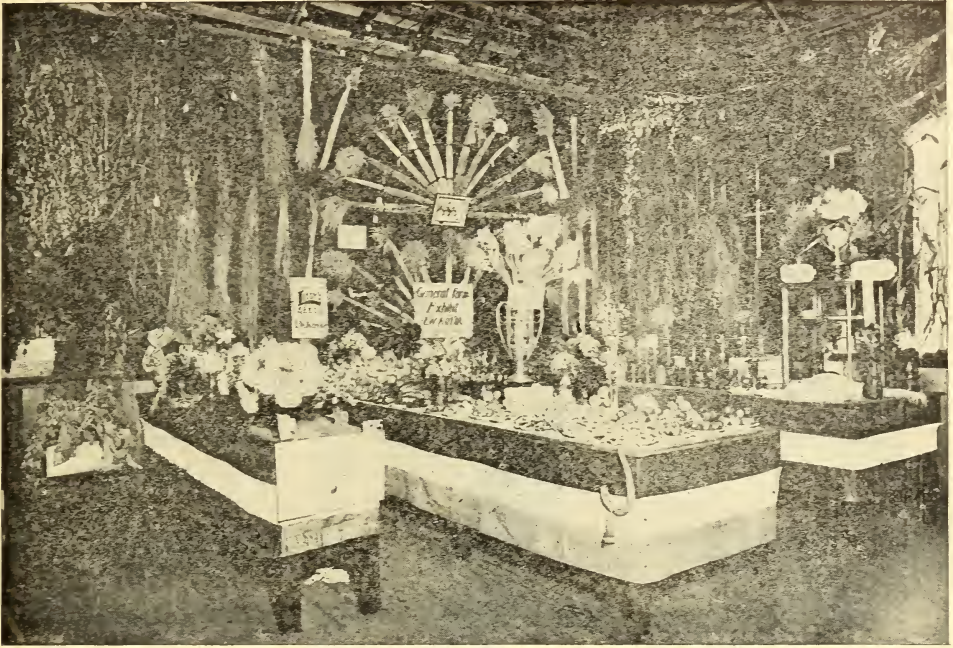
Established 1885

PORTLAND

SEATTLE

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Farm produce grown from Lilly's Seeds, exhibited by Mr. L. W. Kaylor at the Southwest Washington Fair.

\$10.00

CASH PRIZES FOR BEST EXHIBITS

At All Agricultural Fairs in Washington, Oregon, Idaho

To the exhibitor receiving the fair association's highest award for best exhibit of farm and garden produce at any agricultural fair in Washington, Oregon, or Idaho, we will give an additional prize of \$10.00 cash, provided there is displayed with the exhibit a card, furnished by us, reading

"GROWN FROM LILLY'S SEEDS"

Those wishing to compete for this prize must notify us before the opening of the fair, and we will furnish cards to display with the exhibit. To the successful competitor we will mail our check for \$10.00 immediately on receipt of the fair association's certificate of award.

We will give \$2.00 additional for good photographs of exhibits taking these prizes.

To Judges and Secretaries of Agricultural Fairs in Washington, Oregon and Idaho:

With your Highest Award for Best Exhibit of Farm and Garden Produce we hereby authorize you to make an additional award of Ten Dollars (\$10.00) 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.



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
Reduction25
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
Reduction55
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\$2.25
Reduction75
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 " 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



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.



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; 1/4 lb., \$1.25; 1 lb., \$4.00, postpaid.



Columbia Mammoth Asparagus

ASUPERIOR 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; 1/4 lb., 25c; 1 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 excels 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.

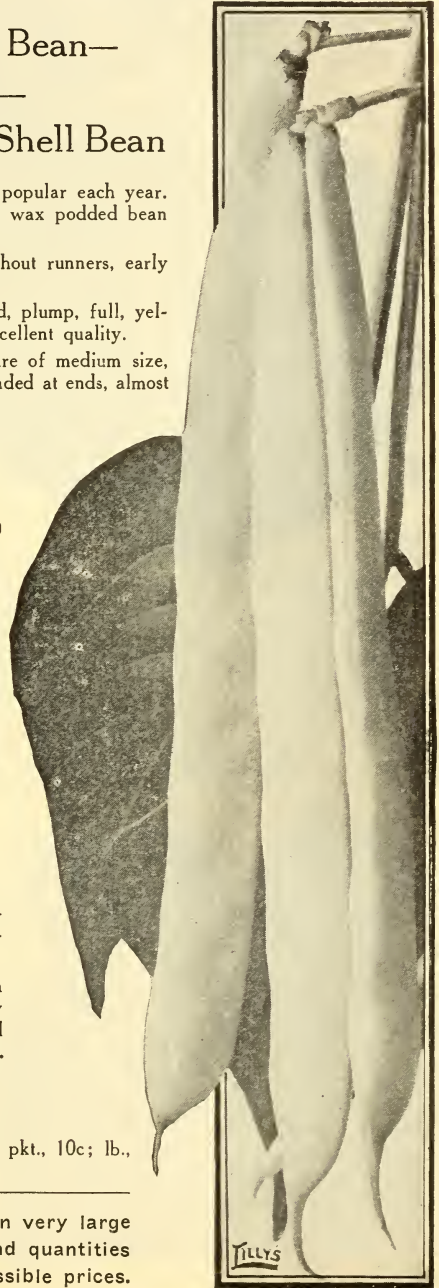
The pods are brilliantly splashed with bright carmine on a greenish-yellow background; very long and flat, generally straight; surface smooth, very brittle, entirely stringless and without fiber; of splendid quality, and free from anthracnose.

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.

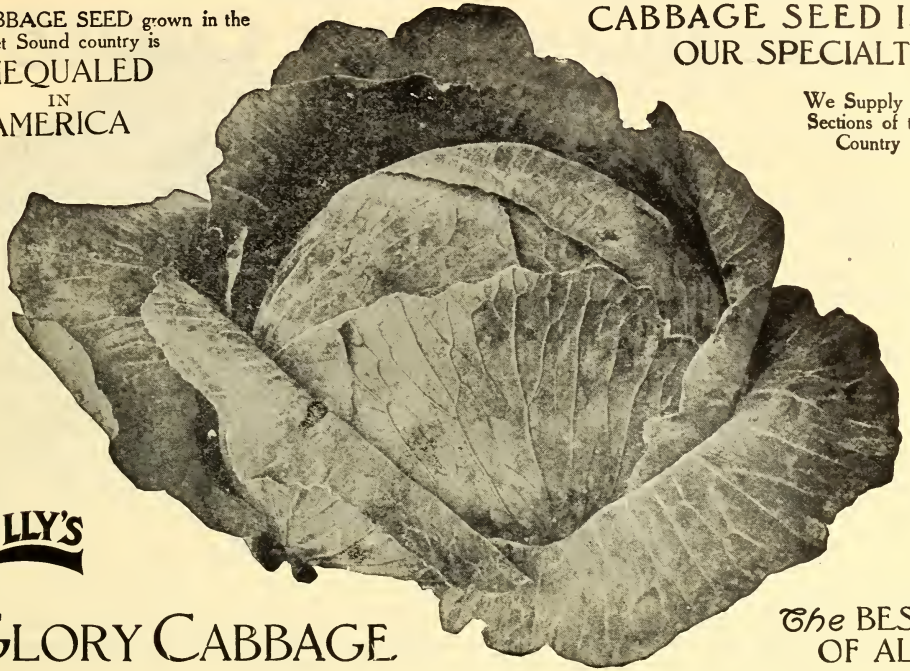
By express or freight, at purchaser's expense, pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.75; 10 lbs., \$16.50.

Stock Beets are splendid for cattle and poultry. See Farm Seeds Section.

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.

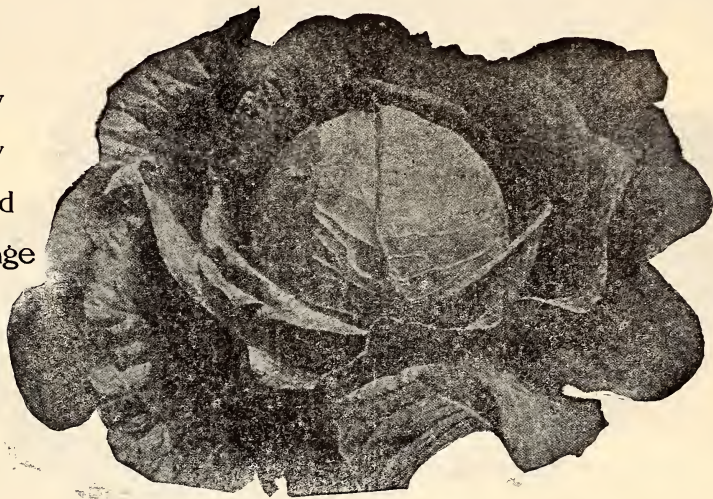


LILLY'S

Early Jersey Wakefield

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; $\frac{1}{4}$ lb., 75c; lb., \$2.40, postpaid.



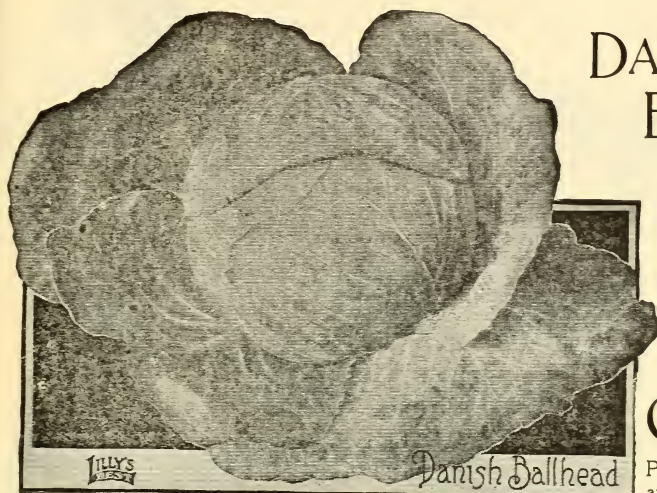
LILLY'S

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; $\frac{1}{4}$ lb., 60c; lb., \$2.00, postpaid.



Danish Ballhead

DANISH BALLHEAD CABBAGE

LILLY'S

PUGET SOUND
STRAIN

OURS is an improved strain of this splendid, hard-heading, winter cabbage; grown in the Puget Sound country, and producing an unusual percentage of large, solid heads.

The heads are large, round, and very compact, weighing more than other varieties of the same size. It is unsurpassed in quality, being crisp, tender and sweet, and it is unequalled in keeping and shipping qualities. It is hardy, withstands hot weather, does not burst in wet seasons, and will stand longer in the ground than other varieties.

Sold only in sealed packages. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 75c; 1 lb., \$2.50. Postpaid.

DRUMHEAD SAVOY

The Best of the
Crumpled Leaved
Cabbages

THE SAVOY cabbages are noted for their fine and delicate flavor. The leaves are wrinkled in a peculiar and characteristic manner. The heads of 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 finest cabbage for making sauer kraut.

Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.00. Postpaid.



Puget Sound Cabbage Seed

CABBAGE SEED is one of our specialties, and we produce a quality unexcelled in America. The Puget Sound country is one of the very few localities in the United States where Cabbage and Cauliflower seed of the highest quality is produced. Our Puget Sound grown seed will produce a greater percentage of large, firm heads than any other stock to be had; it has become noted all over the country, and we supply seedsmen in all parts of North America, as well as our own local trade. Our cabbage seed, being grown and acclimated in this country, is especially adapted to the Northwest.

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

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

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.

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.

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.

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

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 excelled 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.

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 excelled 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; 1/4 oz., 85c; 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

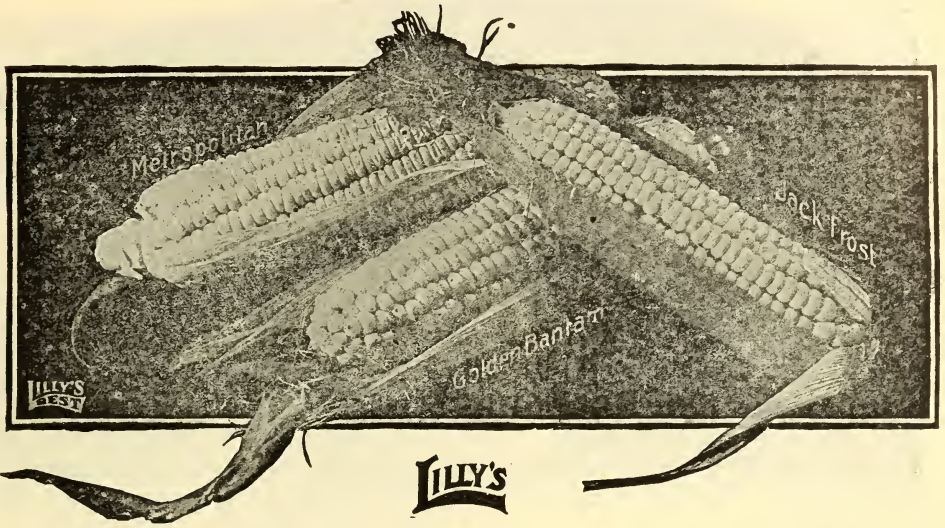
The Best Late Variety

GIANT 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; lb., 25c, prepaid.

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

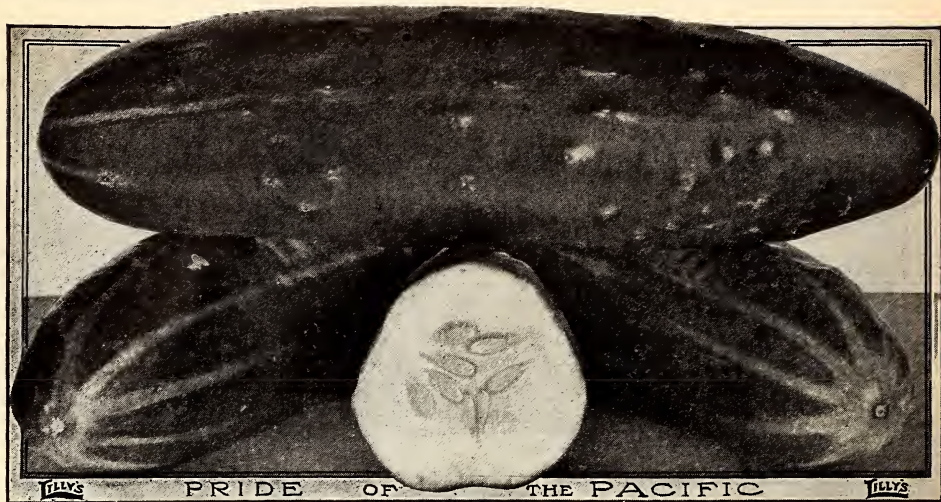
GOLDEN BANTAM

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; lb., 15c; 10 lbs., \$1.25; 100 lbs., \$12.00.



LILLY'S PRIDE OF THE PACIFIC CUCUMBER

The Finest for Slicing
Early, Prolific, Handsome and Uniform

PRIDE OF THE PACIFIC is a highly improved strain of the White Spine family, brought to its present state of perfection by the most careful methods of selection and cultivation. It is the best variety for green-house culture, and is unsurpassed for growing outdoors, either for market or home use.

Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; $\frac{1}{2}$ lb., \$1.15; lb., \$2.00, postpaid.

LILLY'S

PICKLING CUCUMBER

Unequaled

For Large or Small Pickles

LILLY'S PICKLING CUCUMBER grows to a large size, frequently ten inches in length, is of good shape, of the finest quality and flavor, and is unequaled for pickling, either when small or large. The young cucumbers are covered with small spines, and possess the distinctly roughened surface so much desired in small pickles.

The vines are hardy, vigorous, exceedingly prolific, and continue bearing much longer than most sorts.

Sold only in sealed packages.

Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; $\frac{1}{2}$ lb., \$1.00; lb., \$1.75, postpaid.

The hardy, vigorous vines produce immense crops of smooth, rich deep green fruit, very large, symmetrical, and wonderfully uniform. It is ideal for slicing, the flesh being compact, fine-grained, sparkling white, and of a delicious flavor. Sold only in sealed packages.

DAVIS PERFECT CUCUMBER

Sells for Fancy Prices

A COMPARATIVELY new cucumber, growing nine to twelve inches long, and perfect in shape, color, quality, and flavor. It is very early, and when grown outdoors so closely resembles hot-house fruit that it often brings the same fancy prices.

It is uniform in shape, and handsome in appearance. The glossy, dark green color is maintained almost to maturity, and it retains its color and freshness longer than other varieties, making it splendid for market.

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

Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; $\frac{1}{2}$ lb., 90c; lb., \$1.50, postpaid.

Market Gardeners and others requiring Garden Seeds in very large quantities will please give us a list of varieties and quantities wanted, and we will quote special prices.

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

during the winter or early spring. It is equally good for early spring or summer planting in any locality, and 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

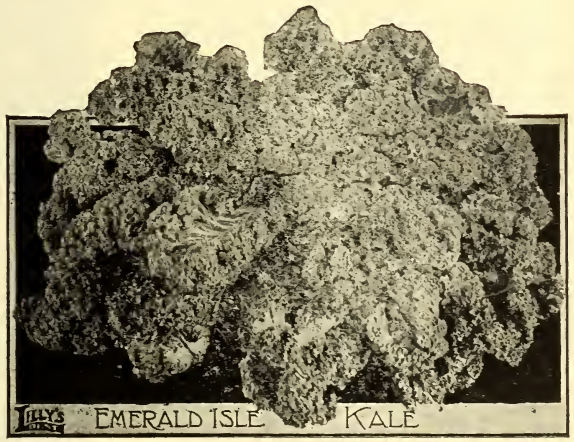
EMERALD ISLE is a comparatively new variety of Green Curled Winter Kale, and is most desirable on account of its hardiness, excellent quality, and beautiful appearance.

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.

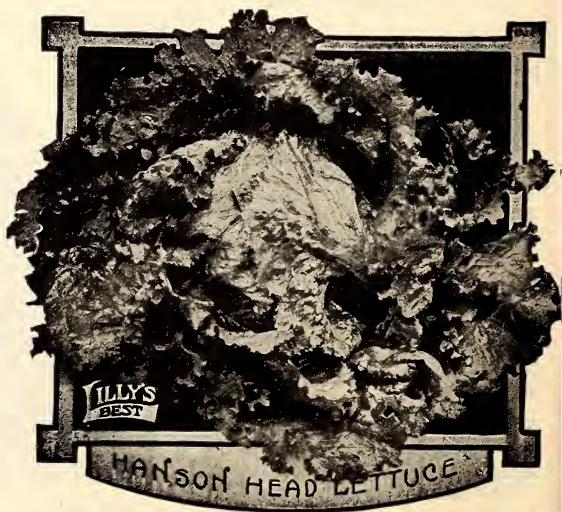
The plant is compact, and forms large, solid, cabbage-like heads of the finest quality and flavor; remaining in good condition longer than most other sorts.

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; oz., 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.

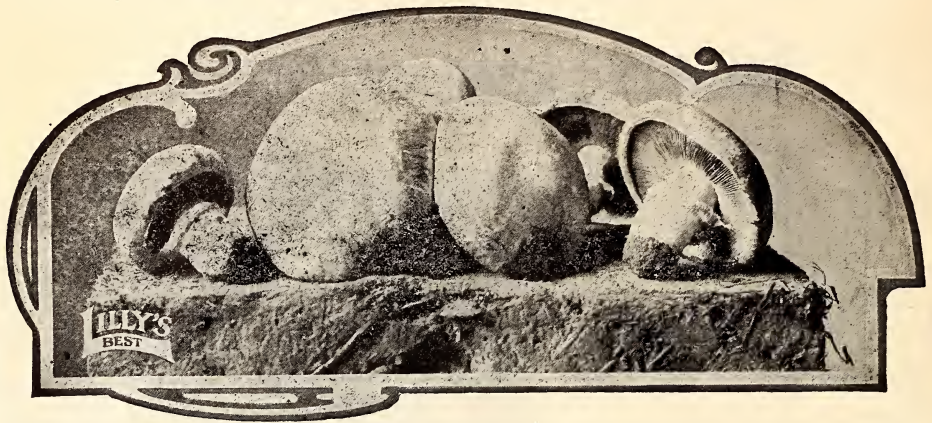
It has great heat resisting qualities, is slow to go to seed, and is very reliable for a late crop when other varieties are unfit for use.

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.



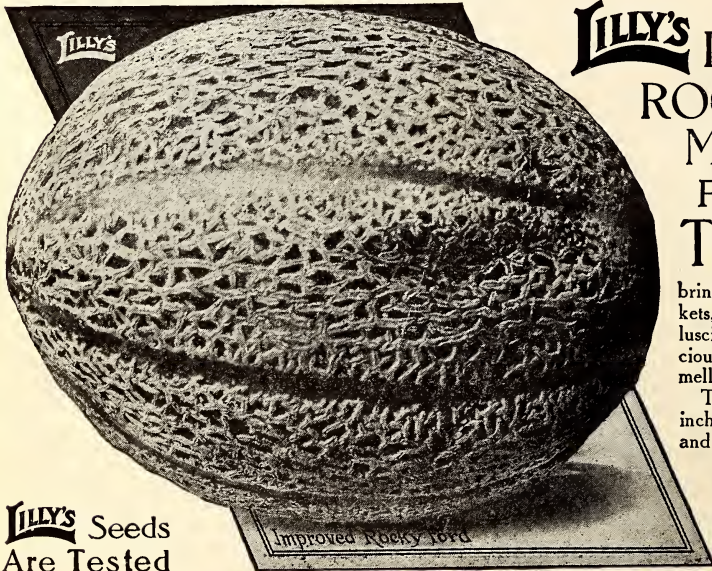
PURE CULTURE MUSHROOM SPAWN

From Pedigree Stock

PURE CULTURE mushroom spawn is produced by a new system, and bears the same relation to the old English and French spawn that a grafted tree does to a wild seedling. The pure cultures are taken direct from selected speci-

mens, producing large, well-shaped mushrooms of the finest quality and of one uniform variety. We can furnish either the White, Cream-White, or Brown varieties. It is pressed in bricks weighing about 1¼ lbs. One brick is sufficient to spawn nine square feet of bed.

Price, 25c per brick; 5 bricks, \$1.00; \$15.00 per 100 lbs.; f. o. b. Seattle or Portland. If sent by mail, postage will be 10c per lb. additional.



LILLY'S Seeds
Are Tested

LILLY'S IMPROVED ROCKY FORD MUSKMELON

Pollock Strain

THE ROCKY FORD is the cantaloupe that is served in all of the best hotels, brings highest prices in the markets, and is famous for its sweet, luscious, melting flesh and delicious flavor. There is no other melon to compare with it in flavor.

The melon is small, about five inches in diameter, oval in form, and the skin is rich greenish gold covered with a beautiful yellow netting, giving it a very attractive appearance.

The flesh is light green, very deep, ripening clear to the rind, very solid and with

an exceedingly small seed cavity. This seed is grown for us by one of the most reliable growers in Rocky Ford, Colorado, and is of the famous Pollock Strain. Sold only in sealed packages.

Oz., 10c; ¼ lb., 40c; lb., \$1.25, postpaid. By express or freight, not prepaid, lb., \$1.15; 10 lbs., \$1.00. Write for prices on larger quantities.

If you wish to know anything about Fertilizers, ask us.

LILLY'S KING AND QUEEN WATERMELON

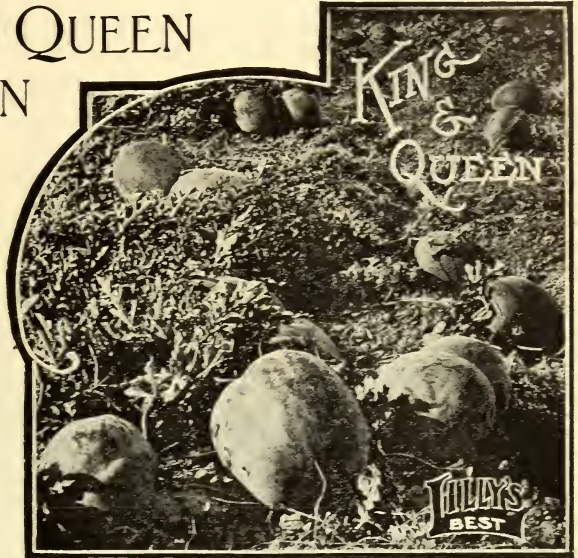
Best for Market

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; ¼ lb., 35c; lb., \$1.25, postpaid.

By express or freight, charges paid by you, oz., 10c; ¼ lb., 35c; lb., \$1.15; 10 lbs., \$10.00.



LILLY'S SWEET AS HONEY WATERMELON

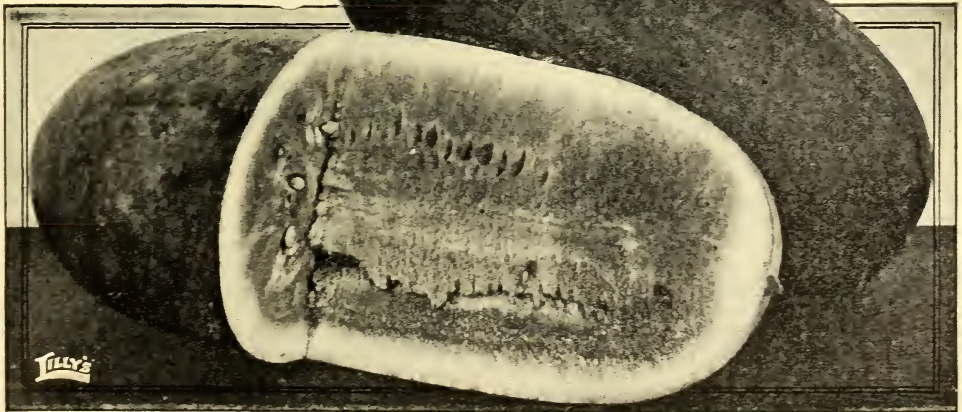
Unequaled for Home Use

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, luciously 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;
¼ lb., 35c; lb.,
\$1.25; post-
paid.



LILLY'S LONGKEEPER ONION

Best for Home or Market in the Northwest

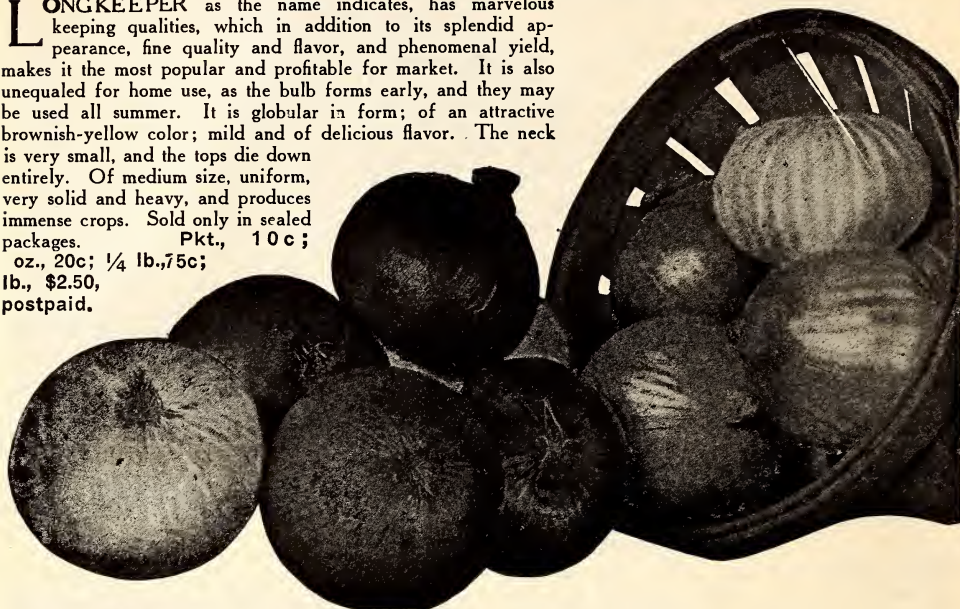
LONGKEEPER as the name indicates, has marvelous keeping qualities, which in addition to its splendid appearance, fine quality and flavor, and phenomenal yield, makes it the most popular and profitable for market. It is also unequaled for home use, as the bulb forms early, and they may be used all summer. 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 PRIZETAKER
SELECT STOCK

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.



ONION SETS

Yellow Danvers Bottom Sets

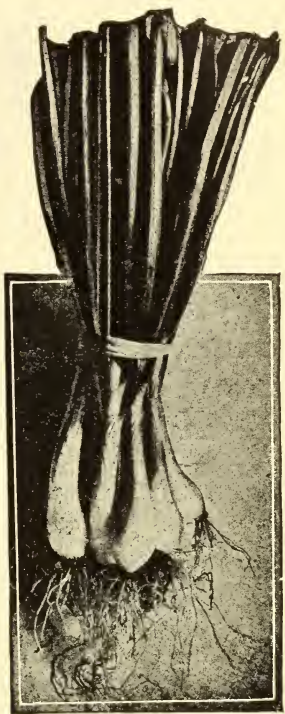
OUR ONION SETS are northern grown; hardy, handsome, small, and of uniform size. We grow only the Yellow Danvers sets, as that variety has proved to be the best for this purpose.

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

If wanted in large quantities, write for prices.



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; ¼ 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

WORLD'S RECORD PEA

A Splendid New Variety

Extra Early—Immensely Productive

WORLD'S RECORD was recently perfected in England, where its productiveness combined with its earliness and splendid quality is considered phenomenal, and where it first came to our notice. We procured a small quantity of seed from which we have grown the limited amount of stock that we have to offer this season.

It has proven to be perfectly adapted to conditions in the Northwest, and the yield is wonderful for a pea so extremely early. It is just as early as Gradus or Thomas Laxton, is equal to them in quality, and is much more productive.

The vines are semi-dwarf, growing only two and one-half to three feet high, and it is not absolutely necessary to furnish support for them, although it is better to do so if convenient.

The pods are large, dark green, of the Gradus type, and are filled with eight to ten very large, wrinkled peas. The peas are as large, sweet, and of as fine flavor as any of the late varieties.

It is no longer necessary to plant the small, round, hard, tasteless, extra early varieties for early peas, and the tall-growing late varieties for quality and productiveness, for this excellent new variety combines the good qualities of both, without the undesirable features of either.

As this season's stock is limited, and we wish to distribute it as generally as possible, we can furnish it in sealed packets only.

Packet, 20c. If sent by mail, postage will be 5c additional.

LILLY'S

WASHINGTON WONDER

Best Dwarf Early Pea

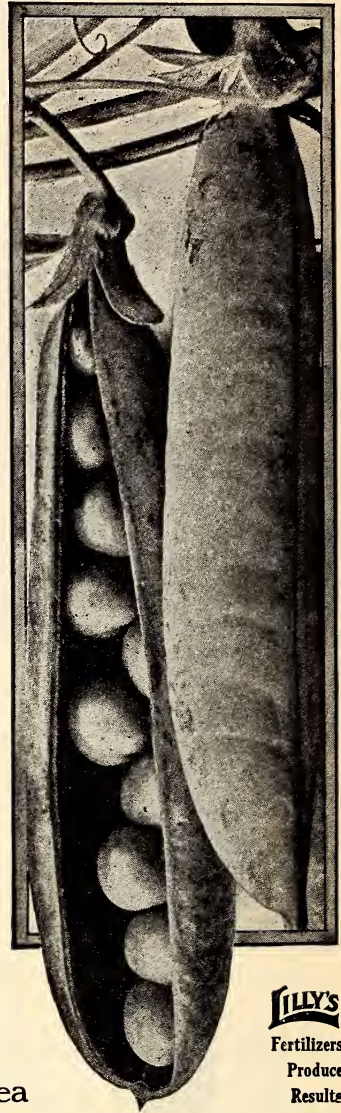
AN OLD FAVORITE, and a splendid extra early dwarf pea, growing only about sixteen inches high, and requiring no support if sown in double rows. It is quite prolific, and produces a good crop of well filled pods containing six to nine good sized, wrinkled peas of excellent flavor.

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.

Packet, 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
Fertilizers
Produce
Results

Market Gardeners, and others requiring vegetable seeds in very large quantities, will please send us a list of varieties and quantities wanted, and we will quote special quantity prices.



LILLY'S

GRADUS PEA

Extra Early

Large—Wrinkled—Sweet

THIS GRAND, extra early pea has no superiors, and few equals. 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 displacing them for first early crop. It is equal in quality to any of the late varieties, and many of our customers use it exclusively, sowing in succession for early, medium, and late.

The vine is vigorous, robust, heavy stemmed, and grows only two and one-half to three feet high. The pods are large, and are filled with six to ten large, wrinkled, marrow peas of the most delicious flavor, as large, as sweet, and as tender as the finest late pea.

Lilly's Select Stock is grown from the original strain, acclimated in the Northwest. 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 CROP BOOK contains cultural directions for vegetables, flowers, and farm crops, and much other valuable information. We will furnish it free with any order, if asked for.

LILLY'S

THOMAS LAXTON 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 nearly or quite as early as Gradus, and the large, wrinkled, dark green peas are sweet, tender, delicious, and unexcelled in quality by any of the late varieties. The vines grow about three feet high, and produce an abundance of large pods, each containing seven or eight extra large, dark green, wrinkled peas of the most delicious flavor.

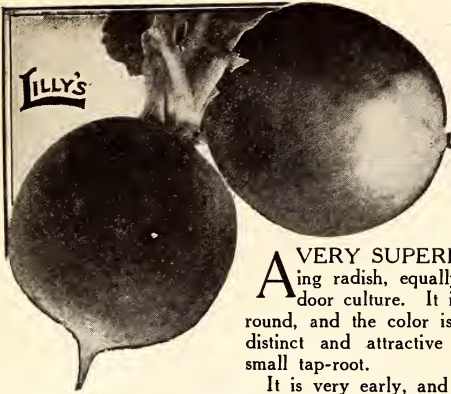
They are quite hardy, and on the Pacific Coast may be planted in the fall, producing peas much earlier than if planted in the spring. Our seed is grown in the Puget Sound country, from the original strain imported from England, is thoroughly acclimated, and by careful selection is improved in quality. Sold only in sealed packages.

Packet, 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.

Parcel Post rates do not apply on seeds. Rate on seeds is 1c for each two cunces.

Peas
Grown in
the Puget
Sound
District
are
Unexcelled



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

CRIMSON GIANT

The King of All Early Turnip Shaped Radishes

C RIMSON 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

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.

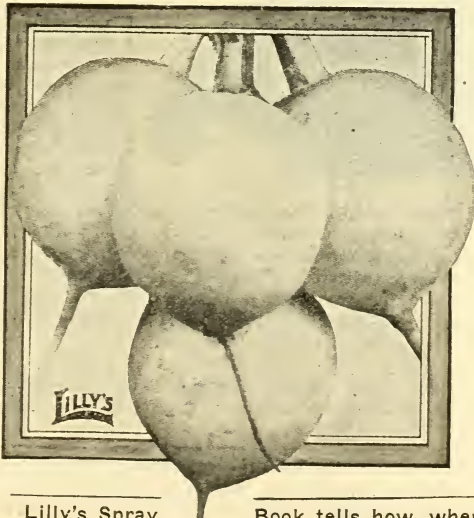
Our seed is grown and selected with special care, and is sold only in sealed packages.

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

Early—Round—White



A HANDSOME, early, turnip-shaped radish, as early as Scarlet Turnip, and equally good for forcing or outdoor culture. The skin is pure white, and the flesh is transparent white, crisp, mild, and of a pleasing flavor. It has a very small top and tap-root, remains fit for use a considerable time, and will stand more drought than most varieties.

Sold only in sealed packages.

Ounce, 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 50c; lb., 85c, postpaid. Not postpaid, 75c per lb.

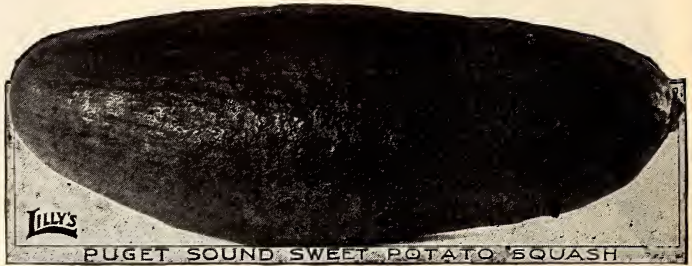
If you are interested in poultry, either on a large scale or small, you should have a copy of Lilly's Poultry Book. It is full of helpful suggestions and reliable information. We will mail you a copy, free, if you wish it.

LILLY'S PUGET SOUND SWEET POTATO SQUASH

The Sweetest
Richest
Most Delicious

THIS new hybrid squash is unequaled in quality and flavor. It is a winter squash, ripening a little earlier than the Hubbard, and the keeping and shipping qualities are of the best. In shape as well as in flavor, sweetness, richness and dryness, it resembles a potato. The outside color is green, sometimes striped with a darker shade; the flesh is deep orange, very fine grained, sweet and delicious. The seed cavity is very small, and the

Oz., 10c; ¼ lb., 30c; lb., \$1.00, postpaid.



shell, although hard, is not so thick as that of the Hubbard. It usually grows about eighteen inches long and six to eight inches in diameter. Sold only in sealed packages.

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

LILLY'S

HUBBARD SQUASH

LILLY'S

DELICATA SQUASH

Best
Winter
Variety

AN improved strain of the true Hubbard, which has long been the most popular winter squash, and is still one of the very best. The vines are strong, vigorous and prolific.

The squashes are very large, sometimes weighing as much as twenty-five pounds. The shell is dark green, extremely hard, tough, and densely warted. The flesh is golden yellow, thick, fine grained, richly flavored, sweet and dry; equally delicious when boiled, steamed, or baked. Unequaled as a winter keeper and shipper. Lilly's Select Stock is sold only in sealed packages.

Oz., 10c; ¼ lb., 30c; lb., \$1.00, postpaid. By express or freight, not prepaid, lb., 90c; 10 lbs., \$7.50.



Best for
Late Summer
or
Early Winter

DELICATA is the earliest vine squash, maturing nearly as early as the bush varieties, which it is rapidly supplanting, account of superior quality

Being a hybrid, it varies considerably in form and color, but the quality is uniformly good. It is as dry, sweet, and deliciously flavored as the winter varieties, and, if properly stored, will keep nearly as long. The vines are very productive, and although the fruits are not large, they are very solid and heavy. The color is orange splashed with green.

Sold only in sealed packages.

Oz., 10c; ¼ lb., 30c; lb., \$1.00, postpaid. By express or freight, not prepaid, lb., 90c; 10 lbs., \$7.50.

Lilly's Poultry Book is not merely a catalog of our complete line of Poultry Foods and Supplies, but it also contains a great deal of reliable information which you will find useful, whether you have only a dozen hens or several thousand. May we mail it to you, free?

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; ¼lb., 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.

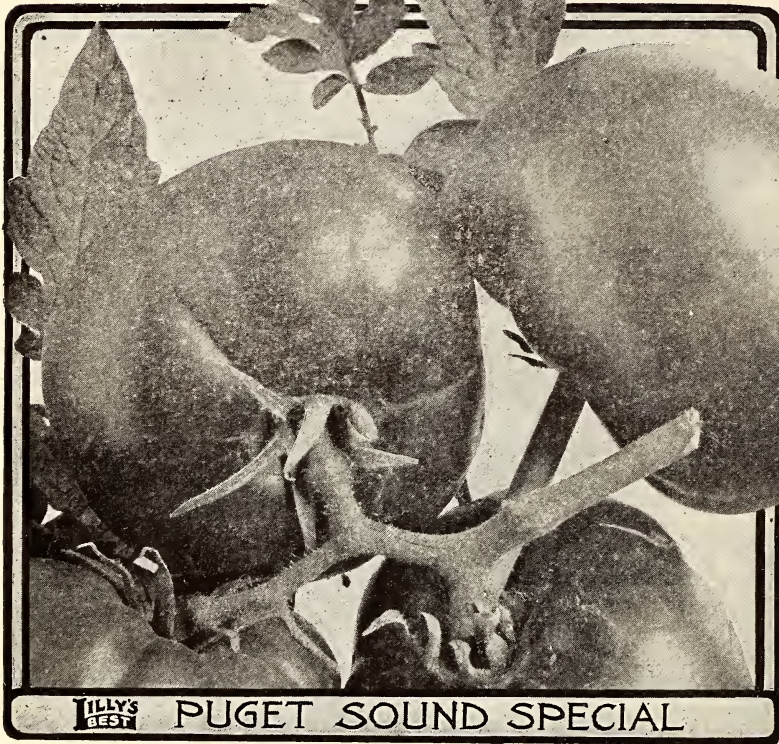
Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c, postpaid. Not postpaid, 50c per lb.



LILLY'S PUGET SOUND SPECIAL

BEST
EXTRA
EARLY
TOMATO

A TOMATO THAT
WILL MATURE
ON THE
PACIFIC COAST



GOOD
ANYWHERE

BEST
WEST OF
THE CASCADES
FOR EITHER
EARLY
OR
MAIN CROP

PUGET SOUND SPECIAL in addition to being one of the very earliest tomatoes, is one of the best, and is decidedly the best tomato that may be depended upon to mature in the country west of the Cascade Mountains.

It is equaled in earliness only by the Earliana, sometimes producing ripe fruit, when grown outdoors, as early as July 4th, and, although an early tomato is seldom equal to the later varieties in quality, Puget Sound Special is of particularly fine quality.

Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.25; $\frac{1}{2}$ lb., \$2.25; lb., \$4.00, postpaid.

The flesh is solid, meaty, and of delicious flavor, with few seeds and no hard core or 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 for the Pacific Coast it is the best for either early, late, or hot-house culture.

Sold only in sealed packages.

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.



LILLY'S IMPROVED STRAIN EARLIANA TOMATO The Earliest Variety

ALTHOUGH this is an extremely early variety, the earliest good variety grown, the quality is excellent. It produces large clusters of medium size, deep red fruit, uniform in size and of good shape; very solid and of fine flavor. It is a popular variety for greenhouse forcing, and is excelled only by Puget Sound Special for outdoor culture on the Pacific Coast. Lilly's improved strain is sold only in sealed packages.

Packet, 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; $\frac{1}{2}$ lb., \$1.75; lb., \$3.00, postpaid.

LILLY'S

PUGET SOUND FORCING TOMATO Best for Greenhouse Culture

THIS SPLENDID extra early strain is especially valuable for greenhouse culture. It is a prolific bearer, and most of the fruit is borne close to the main stalk, allowing close pruning. The fruit is of medium size, excellent shape for an early tomato, and of splendid quality. The flesh is firm and meaty, deep red, and fine flavor. Sold only in sealed packages.

Packet, 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.25; $\frac{1}{2}$ lb., \$2.25; lb., \$4.00, postpaid.

LILLY'S SELECT STOCK

PONDEROSA

Immense Size—Finest Quality

PONDEROSA is massive in size, often attaining a circumference of eighteen inches and weighing two to four pounds, of good form, smooth, free from wrinkles, and does not crack. The flesh is solid and meaty, free from cavities, almost seedless, and of the most delicious flavor.

The plant is luxuriant, healthy, independent of drought, free from blight, and a continuous and prolific bearer. It is medium late, and cannot be depended upon to mature west of the Cascade Mountains, but it is a splendid variety for the country east of the mountains. Sold only in sealed packages.

Packet, 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.15; $\frac{1}{2}$ lb., \$2.00; lb., \$3.50, postpaid.

LIVINGSTON'S CORELESS A Splendid New Variety Large—Late Best for Canning

CORELESS is a medium large, late tomato of recent introduction, is a good variety for slicing, and is especially desirable for canning. In shape it is almost perfectly globular, with little or no depression at the stem-end. There is no hard core, and the seed cells are surrounded by bright red, heavy, meaty, and delicious flesh. It is very productive, the fruit being produced in large clusters at close intervals along the stem, and, on account of its superior solidity, it is a good long distance shipper. Sold only in sealed packages.

Packet, 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.15; $\frac{1}{2}$ lb., \$2.00; lb., \$3.50, postpaid.

LILLY'S

SNOWBALL

The Finest Early White Turnip

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. Under favorable conditions it will be ready for use six weeks after the seed is sown. It is small, and uniform in size and shape, 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.

Ounce, 10c; $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 40c; lb., 75c, 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.

Ounce, 10c; $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 40c; lb., 70c, postpaid.

LILLY'S

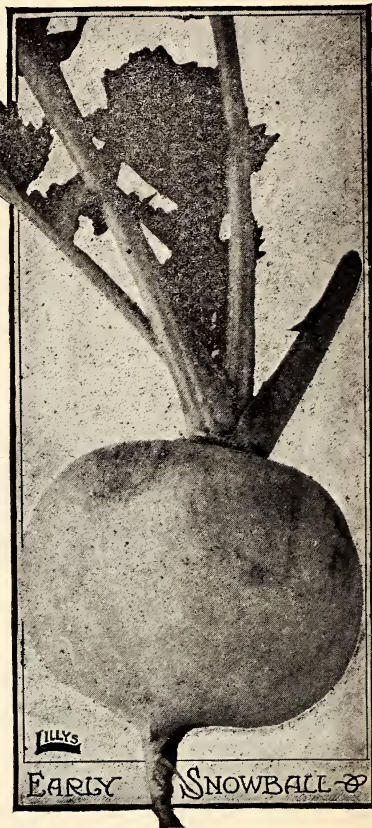
EXTRA EARLY
WHITE MILAN TURNIP
The Very Earliest

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 is sold only in sealed packages.

Ounce, 10c; $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 40c; lb., 75c, postpaid.

If seeds are to be sent by express or freight, not prepaid, deduct 10 cents per lb. from prepaid prices.

Market Gardeners and others requiring garden seeds in very large quantities, will please give us a list of seeds and quantities wanted, and we will quote lowest possible quantity prices.



LILLY'S

PETROWSKI TURNIP
A New Yellow Variety

THIS NEW early yellow turnip was imported from Finland, and promises to become very popular in this country. The United States Department of Agriculture has experimented with it in Alaska, and following is description furnished by Prof. C. C. Georgeson, Special Agent in Charge of Alaska Investigations: "Turnip of medium size; top short, spreading, so that the lower leaves generally lie on the ground. Flesh yellow, tender, very pleasant. Shape, rounded, almost spherical; quite uniform in size and shape. Medium early. An excellent keeper, and altogether the best turnip we have ever tried in Alaska." Sold only in sealed packages.

Ounce, 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 55c; lb., \$1.00, postpaid.



LILLY'S VEGETABLE SEEDS

ARTICHOKE

One ounce will produce 500 plants.

	By Mail, Postpaid					Not Prepaid		
	Pkt.	Oz.	1/4 lb.	1/2 lb.	1 lb.	1 lb.	10 lbs.	100 lbs.
LARGE FRENCH GREEN GLOBE. See Specialties...	.05	.40	1.25	2.25	4.00	3.90	.....	.....
Jerusalem. Tubers. See Farm Seeds Section.....	.....	.....	.....	.....	.....	.....	.....	.....

ASPARAGUS

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

COLUMBIA MAMMOTH WHITE. See Specialties...	.05	.10	.25	.45	.85	.75	.....	.....
Colossal. A splendid variety; productive and of fine quality .....	.05	.10	.20	.35	.65	.55	.....	.....
Palmetto. Early, prolific, and of large size.....	.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	10.00
Davis White Kidney Wax. Immensely productive. Good either green or as a dry bean.....	.10	.....	.....	.....	.30	.20	1.50	13.00
Golden Wax. A standard wax variety; medium early. The pods are stringless, very tender, and of excellent quality .....	.10	.....	.....	.....	.25	.15	1.25	10.00
Wardwell's Kidney Wax. A splendid wax bean. The pods are long, flat, delicate waxy-yellow, stringless and brittle .....	.10	.....	.....	.....	.25	.15	1.25	10.00
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	.....	.....	.....	.25	.15	1.25	10.00

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	1.25	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	10.00



BEANS: Dwarf or Bush Green-Podded—Continued

	By Mail, Postpaid					Not Prepaid		
	Pkt.	Oz.	¼ lb.	½ lb.	1 lb.	1 lb.	10 lbs.	100 lbs.
Horticultural Dwarf. A bush variety of the popular Tall Horticultural. A fine sa. all bean.....	.10				.30	.20	1.50	14.00
Improved Red Valentine. Very early; practically stringless; full round, meaty pods.....	.10				.25	.15	1.25	10.00
Long Yellow Six Weeks. Early, productive, and of excellent quality; pods often eight inches long...	.10				.25	.15	1.25	10.00

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 Greasback. An excellent early pole bean; productive, stringless, tender, and of superior quality. The mature beans are white, and are good shelled .....	.10				.25	.15	1.25	10.00
Kentucky Wonder, or Old Homestead. 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				.25	.15	1.25	11.00

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	.40	.70	1.25	1.15	10.00	....
Early Blood Turnip Beet. A standard medium early variety of excellent quality. Color deep blood red .....	.05	.15	.40	.70	1.25	1.15	10.00	....
Eclipse Blood Turnip Beet. Extremely early, of uniform gobular form, deep red color, fine grained, tender and sweet .....	.05	.15	.40	.70	1.25	1.15	10.00	....
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	.20	.35	.60	.50	....	....

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

BEETS: Sugar

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

	By Mail, Postpaid				Not Prepaid		
	Pkt.	Oz.	¼ lb.	½ lb.	1 lb.	10 lbs.	100 lbs.
Klein Wanzleben Sugar Beet. See Farm Seeds Section	.10		.25	.40	.30	2.50	
French White Sugar Beet	.10		.25	.40	.30	2.50	

BEETS: Stock or Mangel Wurzels

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

	By Mail, Postpaid				Not Prepaid		
	Pkt.	Oz.	¼ lb.	½ lb.	1 lb.	10 lbs.	100 lbs.
DANISH SLUDSTREP MANGEL. See Field Seeds Section	.10		.25	.40	.30	2.25	
Golden Giant Mangel	.10		.25	.40	.30	2.25	
Half Sugar Mangel	.10		.25	.40	.30	2.25	
Royal Red Mangel	.10		.25	.40	.30	2.25	
Long Red Mangel	.10		.20	.35	.25	1.75	
Yellow Globe Mangel	.10		.20	.35	.25	1.75	
Golden Tankard Mangel	.10		.20	.35	.25	1.75	
Giant Intermediate, or Gate Post Mangel	.10		.20	.35	.25	1.75	

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. ½ 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 Winingstadt. 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. ½ 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. ½ 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	
Fotlier'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	

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.



CAULIFLOWER

One ounce for 2,000 plants.

	By Mail, Postpaid				Not Prepaid		
	Pkt.	¼ oz.	½ oz.	1 lb.	1 lb.	10 lbs.	100 lbs.
EARLY ALEA. 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		

CARROT

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

	Pkt.	Oz.	¼ lb.	½ lb.	1 lb.	1 lb.	10 lbs.	100 lbs.
			oz.	lb.	lb.			
GOLDEN HALF-LONG. See Specialties.....	.10	.15	.50	.80	1.60	1.50		
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	.25	.35	.60	.50		
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	.35	.60	.50		
Oxheart, 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	.35	.60	.50		
Danver's Half-Long. A favorite standard variety of splendid quality; equally desirable for table or stock .....	.05	.10	.25	.35	.60	.50		
Improved Long Orange. A splendid variety for either table or stock; 12 inches long, 3 inches in diameter .....	.05	.10	.25	.35	.60	.50		
Improved Short White. The most productive white variety; popular for stock feeding.....	.05	.10	.25	.35	.50	.40		
White Belgian. A large and very productive stock carrot .....	.05	.10	.25	.35	.50	.40		
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		
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CELERY

One ounce for 3,000 plants.

VILMORIN'S PARIS GOLDEN YELLOW. See Specialties10	1.50	5.00					
SILVER PLUME. See Specialties.....	.10	.75	1.75	2.75	5.00	4.90		
GIANT WHITE WINTER. See Specialties.....	.10	.75	1.75	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 salads05	.10	.30	.55	1.00	.90		
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CHICORY

Large Rooted. Used as a substitute for coffee; and the young blanched shoots are used for salad....	.50	.10	.25	.40	.75	.65		
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CHIVES, or Schnittlauch

Chives. Has a mild flavor of young onions, and is used in soups and salads.....	.10	.50						
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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		
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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.

CORN: Sweet, Early Varieties

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

	By Mail, Postpaid					Not Prepaid		
	Pkt.	Oz.	1/4 lb.	1/2 lb.	1 lb.	1 lb.	10 lbs.	100 lbs.
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.

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.10				.20	.10	.80	7.00
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CORN: Field

Twelve to twenty pounds per acre.

GOLDEN NUGGET. See Field Seeds Section.....	.10				.20	.10	.90	8.00
WHITE RUSTLER.....	.10				.20	.10	.90	8.00
Northwestern Red.....					.20	.10	.90	8.00
Leaming Improved.....					.20	.10	.50	4.00
Champion White Pearl.....					.20	.10	.55	4.50
Iowa Gold Mine.....					.20	.10	.55	4.50
Early Canada.....					.20	.10	.50	4.00
Pride of the North.....					.20	.10	.50	4.00
King Philip.....					.20	.10	.55	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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CRESS

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		





CUCUMBER

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

	By Mail, Postpaid					Not Prepaid		
	Pkt.	Oz.	$\frac{1}{4}$ lb.	$\frac{1}{2}$ lb.	1 lb.	1 lb.	10 lbs.	100 lbs.
PRIDE OF THE PACIFIC. See Specialties.....	.10	.20	.60	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	...

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
Anise, 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	...	...

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

LEEK

One ounce for 100 feet of drill.

	By Mail. Postpaid					Not Prepaid		
	Pkt.	Oz.	1/4 lb.	1/2 lb.	1 lb.	1 lb.	10 lbs.	100 lbs.
Large American Flag. A very superior variety, producing large, thick stems of good flavor .....	.05	.15	.35	.60	1.10	1.00	...	...

LETTUCE: Curled Varieties

One ounce for 3000 plants.

LILLY'S FORCING. See Specialties .....	.10	.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: Head Varieties

One ounce for 3000 plants.

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	...	...

MUSHROOM SPAWN

One pound for ten square feet.

PURE CULTURE. See Specialties35	.25	1.60	15.00
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MUSTARD

White or Yellow. Leaves are used while young for salads or for garnishing, or when older for greens05	.10	.20	.30	.40	.30
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MELON: Musk, or Cantaloupe

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

IMPROVED ROCKY FORD. See Specialties10	.10	.40	.70	1.25	1.15	10.00	...
Rocky Ford, or Netted Gem. The sweet and luscious green-fleshed melon that has become world-famous .....	.05	.10	.20	.35	.60	.50	4.00	...
Casaba. The largest muskmelon grown; form oblong; flesh green and of good quality .....	.05	.10	.20	.35	.60	.50	4.00	...
Osage, or Miller's Cream. Large and round, with light green netted skin and salmon-colored flesh .....	.05	.10	.20	.35	.60	.50	4.00	...
Nutmeg. A popular old variety. Skin deep green, finely netted; flesh greenish-yellow, sweet and sugary .....	.05	.10	.20	.35	.60	.50	4.00	...
Extra Early Hackensack. Of large size and attractive appearance; skin netted; flesh green and very sweet .....	.05	.10	.20	.35	.60	.50	4.00	...
Large Hackensack. An excellent green fleshed late variety; ends flattened; thick, irregular ribs and coarse netting; flavor sweet and delicious .....	.05	.10	.20	.35	.60	.50	4.00	...
Early Jenny Lind. A small, round, very early melon; deeply ribbed and netted; flesh yellowish-green and of good flavor .....	.05	.10	.20	.35	.60	.50	4.00	...

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.



MELON: Water

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

	By Mail, Postpaid					Not Prepaid		
	Pkt.	Oz.	¼ lb.	½ lb.	1 lb.	1 lb.	10 lbs.	100 lbs.
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	.60	.50	4.00	...
Cole's Early. An excellent early variety with thin rind, large heart and flesh of fine texture and flavor .....	.05	.10	.25	.40	.60	.50	4.00	...
Dixie. Early, productive, of good quality, and a good shipper .....	.05	.10	.25	.40	.60	.50	4.00	...
Ice Cream, or Peerless. Medium sized, almost round; skin light green mottled; flesh scarlet; white seeded .....	.05	.10	.25	.40	.60	.50	4.00	...
Gypsy, or Georgia Rattlesnake. Oblong; skin mottled and striped; medium early; flesh crimson, .....	.05	.10	.25	.40	.60	.50	4.00	...
Kleckley Sweet, or Monte Cristo. Large; oval; dark green mottled; rind thin; flesh sweet, crisp and sugary .....	.05	.10	.25	.40	.60	.50	4.00	...
Sweetheart. An early, oval melon; light green mottled; thin, tough rind; flesh light red and fine quality .....	.05	.10	.25	.40	.60	.50	4.00	...
Florida Favorite. Large; oval; striped; rind thin but hard; flesh crimson, sweet and melting .....	.05	.10	.25	.40	.60	.50	4.00	...
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	.60	.50	4.00	...
Citron. Small and round; for preserves only .....	.05	.10	.25	.40	.60	.50	4.00	...

OKRA

One pound for 100 hills.

Dwarf Green. Of dwarf, stocky growth; very early05	.10	.25	.40	.60	.50
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ONION

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

LONGKEEPER. See Specialties10	.20	.75	1.40	2.50	2.40
WESTERN WETHERFIELD. See Specialties .....	.10	.20	.75	1.40	2.50	2.40	...	...
PRIZETAKER, Select. See Specialties .....	.10	.20	.75	1.40	2.50	2.40	...	...
WHITE QUEEN, Select. See Specialties .....	.10	.20	.75	1.40	2.50	2.40	...	...
Prizetaker. Of immense size; globular shape; and good quality. The skin is light yellow; the flesh pure white .....	.05	.20	.50	.85	1.50	1.40	...	...
White Queen. A very small, pure white onion; used for pickling and for early green onions .....	.05	.20	.50	.85	1.50	1.40	...	...
Extra Early Red Flat. Very early; medium size; flat; skin light red; flesh close grained, white and mild .....	.05	.15	.40	.70	1.25	1.15	...	...
Large Red Wethersfield. Large; flat; skin purplish-red; flesh white; rather strong, but good .....	.05	.15	.40	.70	1.25	1.15	...	...
Australian Brown. Early; medium size; nearly globular; very solid; attractive brown color; mild .....	.05	.15	.35	.60	1.00	.90	...	...
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 .....	.05	.20	.45	.80	1.50	1.40	...	...
Oregon Yellow Danvers. Similar to the Yellow Globe Danvers, except that it is flattened .....	.05	.20	.60	1.00	1.75	1.65	...	...
Yellow Flat Danvers. Early; very productive and reliable; form round, flattened; small neck; thin, pale yellow skin; flesh white, fine grained .....	.05	.15	.40	.70	1.25	1.15	...	...
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 .....	.05	.20	.60	1.10	2.00	1.90	...	...
Southport Red Globe. A handsome, perfectly globular; purplish-red onion of large size; flesh white and of superior quality. A good keeper .....	.05	.25	.75	1.25	2.25	2.15	...	...
Southport White Globe. Very large; globular; pure white skin and flesh; the handsomest onion grown; very productive and of fine quality .....	.05	.20	.60	1.10	2.00	1.90	...	...
Southport Yellow Globe. An excellent, large, globular, yellow onion, almost identical with Southport Red Globe except in color, which is light yellow .....	.05	.20	.70	1.20	2.00	1.90	...	...
Yellow Dutch, or Strasburg. Similar to the Yellow Flat Danvers in shape, size and color. Popular for growing onion sets .....	.05	.25	.75	1.25	2.25	2.15	...	...

ONION SETS

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

YELLOW DANVERES. 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.

	By Mail, Postpaid					Not Prepaid		
	Pkt.	Oz.	1/4 lb.	1/2 lb.	1 lb.	1 lb.	10 lbs.	100 lbs.
Champion Moss Curled. Densely crimped and curled dark green leaves. Beautiful for garnishing....	.05	.10	.20	.35	.60	.50	.....	.....
Triple Curled. A popular dwarf variety, finely curled	.05	.10	.20	.35	.60	.50	.....	.....

PARSNIP

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

PALO ALTO. See Specialties.....	.10	.10	.30	.55	1.00	.90	.....	.....
Hollow Crown. A heavy cropping variety; half-long, round, smooth, white; fine texture and flavor....	.05	.10	.25	.40	.60	.50	.....	.....
Long White Dutch. More productive than other varieties, but inferior in other respects.....	.05	.10	.25	.40	.60	.50	.....	.....

PEPPER

One ounce for 1,000 plants.

Large Bell, or Bull Nose. Early; large red fruit; very mild; popular for pickling.....	.05	.25	.75	1.25	2.25	2.15	.....	.....
Golden Dawn. Similar to Large Bell, except that the color is golden-yellow.....	.05	.25	.75	1.25	2.25	2.15	.....	.....
Ruby King. The most popular variety. Very large, ruby-red, thick fleshed and very mild.....	.05	.25	.75	1.25	2.25	2.15	.....	.....
Long Red Cayenne. A late variety. Small, bright scarlet, cone shaped pods used for pickling.....	.05	.25	.75	1.25	2.25	2.15	.....	.....

PEAS: Early Varieties

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	.....	.....	.....	.25	.15	1.25	10.00
American Wonder. Of dwarf, compact growth, ten to twelve inches high; wrinkled, and of the finest quality.....	.10	.....	.....	.....	.25	.15	1.25	10.00
Little Gem. Fifteen inches high; a little later than American Wonder; peas wrinkled, sweet and delicious.....	.10	.....	.....	.....	.25	.15	1.25	10.00
Premium Gem. Similar to Little Gem.....	.10	.....	.....	.....	.25	.15	1.25	10.00
Alaska. Two feet high; very early; round, blue pods, three inches long filled with small, smooth, blue-green peas.....	.10	.....	.....	.....	.25	.15	1.00	8.00

PEAS: Late or Main Crop Varieties

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

WORLD'S RECORD.....	.25	.....	.....	.....	.....	.....	.....	.....
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	8.00
Stratagem. Height twenty inches. Vines strong and robust, requiring no support. Peas dark green, wrinkled, rich and sweet.....	.10	.....	.....	.....	.25	.15	1.25	10.00
Dwarf Telephone. Height eighteen inches; dwarf, stocky, healthy, vigorous and very productive....	.10	.....	.....	.....	.25	.15	1.25	10.00
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	12.00
Champion of England. Height five feet. An old, popular, wrinkled variety of unexcelled flavor....	.10	.....	.....	.....	.25	.15	1.25	10.00

FIELD PEAS. See Field Seeds Section.

POTATOES

See field seed section.

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	.80	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.

	By Mail, Postpaid					Not Prepaid		
	Pkt.	Oz.	$\frac{1}{4}$ lb.	$\frac{1}{2}$ lb.	1 lb.	1 lb.	10 lbs.	100 lbs.
CRIMSON GIANT. See Specialties.....	.10	.10	.30	.50	.85	.75	.....	.....
EARLIEST OF ALL. See Specialties.....	.10	.10	.30	.50	.85	.75	.....	.....
WHITE BALL .....	.10	.10	.30	.50	.85	.75	.....	.....
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	.....	.....

RADISH: Early Long Varieties

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

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	.....	.....

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.



SPINACH

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

	By Mail, Postpaid					Not Prepaid		
	Pkt.	Oz.	1/4 lb.	1/2 lb.	1 lb.	1 lb.	10 lbs.	100 lbs.
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	....

SQUASH: Summer Varieties

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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SWISS CHARD

One ounce to 50 feet of drill.

LUCULLUS. See Specialties05	.10	.20	.35	.60	.50
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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	....	....

LILLY'S SEEDS are tested for Purity and Germination, and any that do not show a high test are immediately destroyed. We do not send 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.

TOMATO

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

	By Mail, Postpaid					Not Prepaid	
	Pkt.	Oz.	¼ lb.	½ lb.	1 lb.	1 lb.	10 lbs. 100 lbs.
PUGET SOUND SPECIAL. See Specialties.....	.10	.40	1.25	2.25	4.00	3.90	.....
PUGET SOUND FORCING. 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 Specialties.....	.10	.35	1.15	2.00	3.50	3.40	.....
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	.....
Red Cherry. Fruit only one to two inches in diameter; excellent for preserving.....	.05	.25	.75	1.40	2.50	2.40	.....
Red Pear. Pear-shaped; two to three inches long; bright scarlet; used for preserves.....	.05	.25	.75	1.40	2.50	2.40	.....
Yellow Pear. Small; pear-shaped; borne in great profusion; excellent for salads and cooking.....	.05	.25	.75	1.40	2.50	2.40	.....
Yellow Plum. Similar to the above.....	.05	.25	.75	1.40	2.50	2.40	.....

TURNIP

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

SNOWBALL. See Specialties.....	.10	.10	.25	.40	.75	.65	5.50	.....
EARLY WHITE MILAN. See Specialties.....	.10	.10	.25	.40	.75	.65	5.50	.....
GOLDEN WEST. See Specialties.....	.10	.10	.25	.40	.70	.60	5.00	.....
PETROWSKI. See Specialties.....	.10	.10	.30	.55	1.00	.90	8.00	.....
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	.25	.40	.60	.50	4.00	.....
American Purple Top Improved......	.05	.10	.20	.40	.60	.50	4.00	.....
Skirving's Improved Purple Top......	.05	.10	.20	.40	.60	.50	4.00	.....
Sweet Russian......	.05	.10	.20	.40	.60	.50	4.00	.....
Monarch, or Tankard......	.05	.10	.20	.40	.60	.50	4.00	.....

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.



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, Pentstemon, 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, Cobea, 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 green-house 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

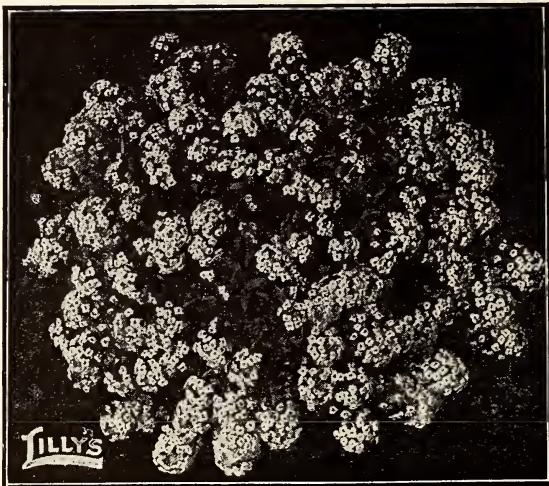
(Floss Flower)

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 eight 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

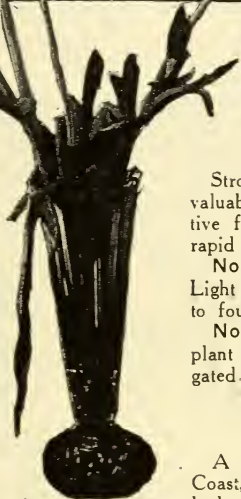
(African Daisy)

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.

LILLY'S
Crop Book
contains cultural directions for most of the common flowers, as well as for vegetables and farm crops; also suggestions for fertilizing. It will be furnished free with any order if asked for.



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 Fink
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

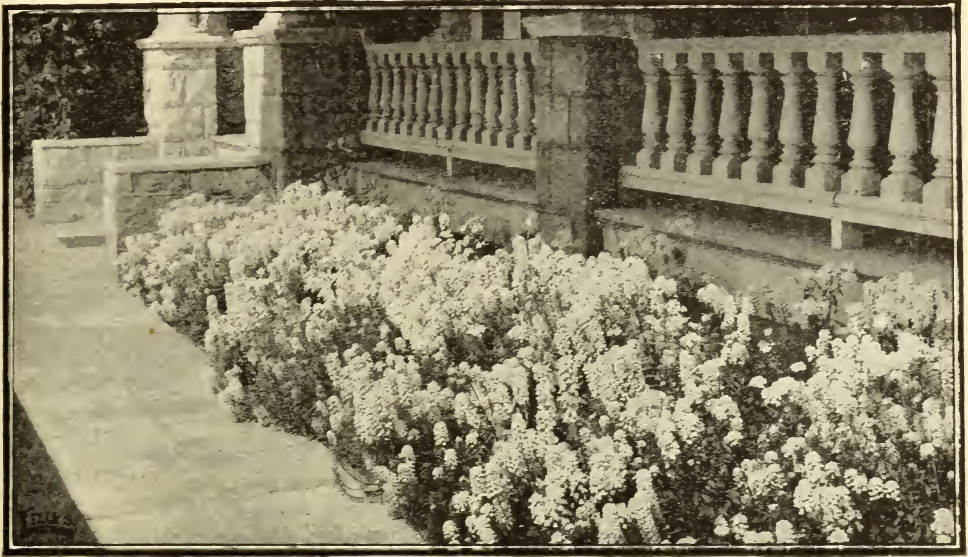
These grand flowers are of immense size, and composed of long, wavy, twisted petals, gracefully formed into loose, densely double, half globes, resembling some of the finer Japanese Chrysanthemums.

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.

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

Calceolaria

(*Calceolaria scabiosaefolia*)

Herbaceous plants growing one to two feet high, and covered with small pale yellow flowers of peculiar form. This variety is generally grown as an annual, and is excellent for bedding, window-boxes, etc.

No. 1031. Pkt., 10c; oz., \$1.00.

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.

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.

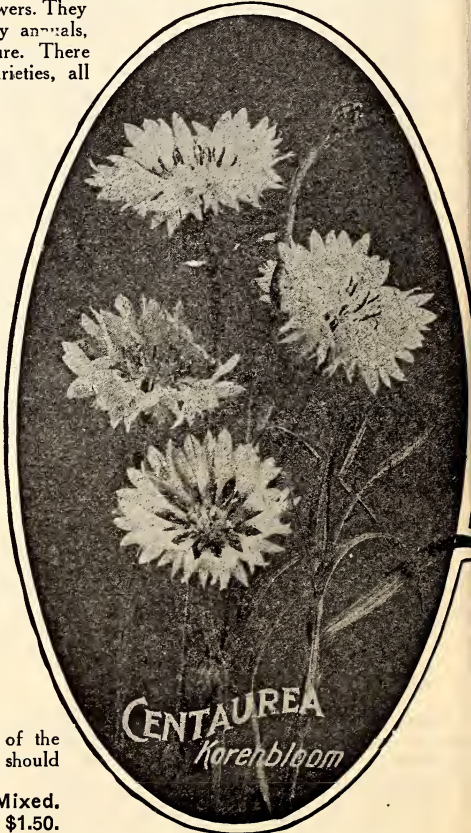
No. 1016. Royal Sweet Sultan. (Centaurea Imperialis). The finest of all Sweet Sultans for cutting, lasting a long time in water. Beautiful, artistic, sweet scented flowers, borne on long, strong stems. Mixed colors. Pkt., 10c; oz., \$1.00.

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 Japasene 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

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, with bright, bold flowers, and is most effective for backgrounds.

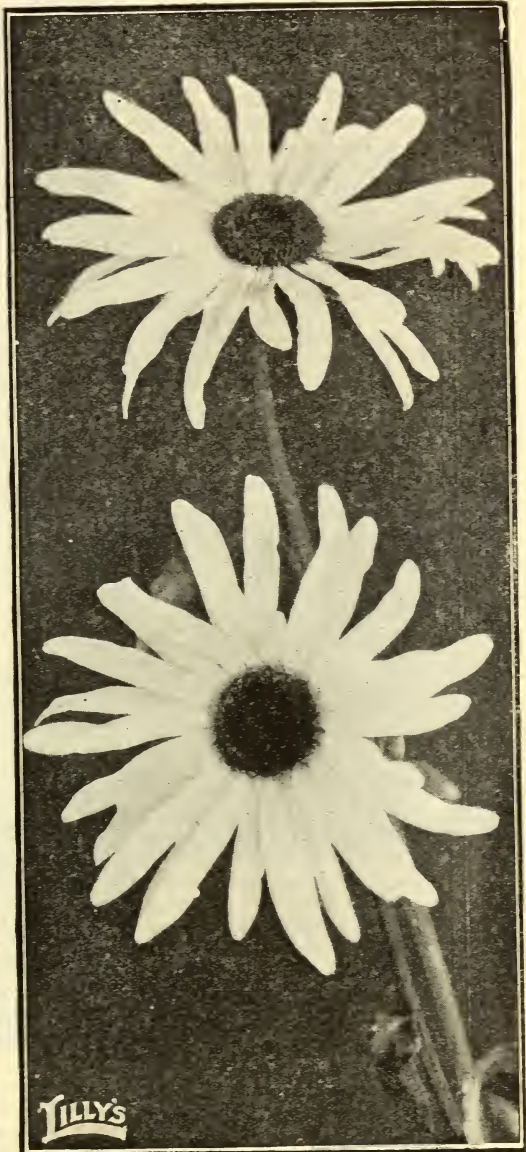
No. 282. Lilly's Autumn Pride. A highly improved variety, growing about four feet high, and bearing very large, showy flowers in various bright colors. Pkt., 5c; oz., 35c.

No. 1032. White Pkt., 10c; oz., 50c.
 No. 1033. Pink. Pkt., 10c; oz., 50c.
 No. 1034. Red. Pkt., 10c; oz., 50c.

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. 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, 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)

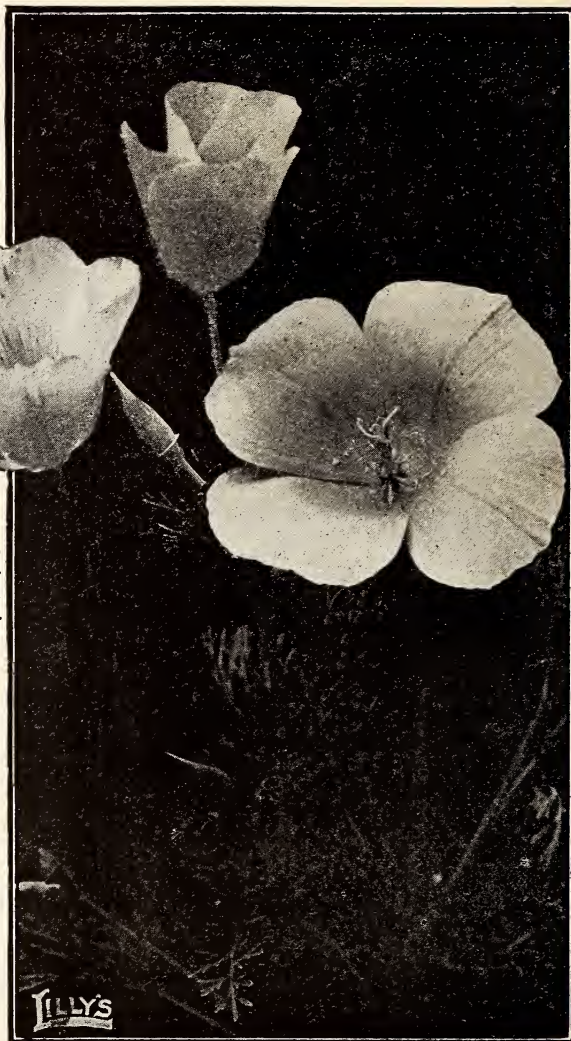
A perennial in warm climates, but generally grown as a half-hardy annual in this locality. The plant is two to three feet high, erect and bushy. The flowers are shaped like the morning glory, and open late in the afternoon. Prevailing color white, shaded and striped with various colors.

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 background. Thrives best in a cool, shady location.

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

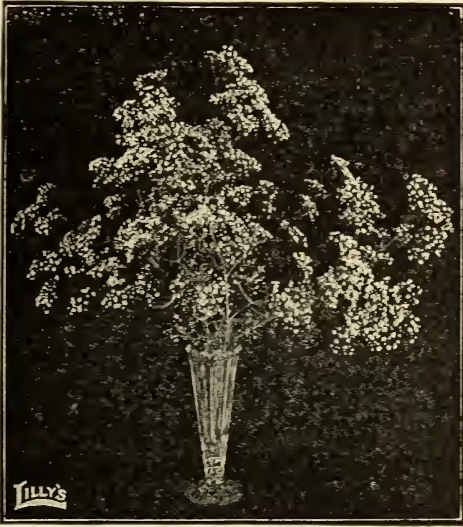
Gaillardia

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 back-grounds, 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

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.

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.

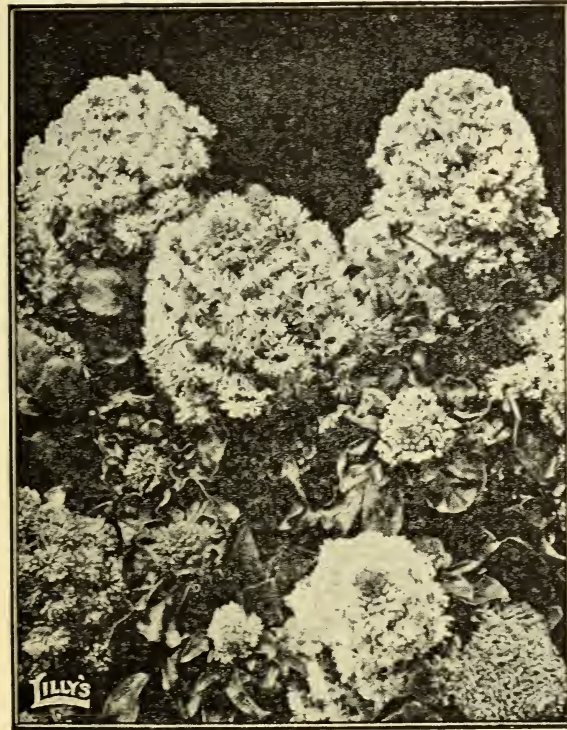
No. 252. **Golden Queen.** Compact, with very fragrant, golden-yellow flowers. Pkt., 5c; oz., 30c.

No. 139. **Reseda Odorata.** The old-fashioned Sweet Mignonette. Mixed colors. Pkt., 5c; oz., 15c.

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.

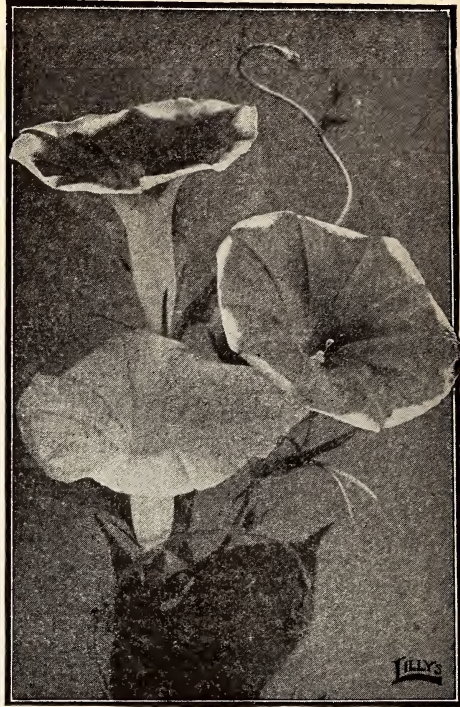
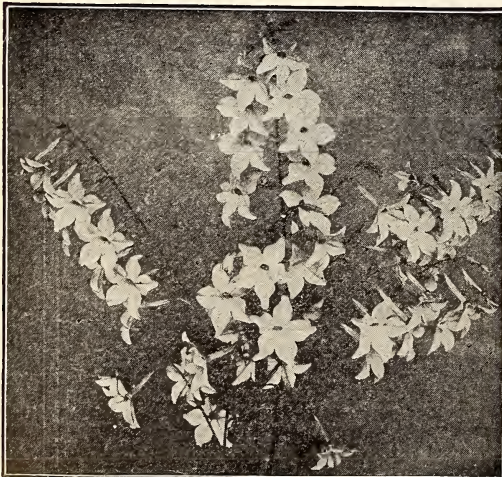
Nigella

(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.

There may be cheaper seeds than **LILLY'S** SEEDS, but there are none better.



LILLY'S NASTURTIUMS

GIANT FLOWERING

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

Fertilizer
Catalog

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

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

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.

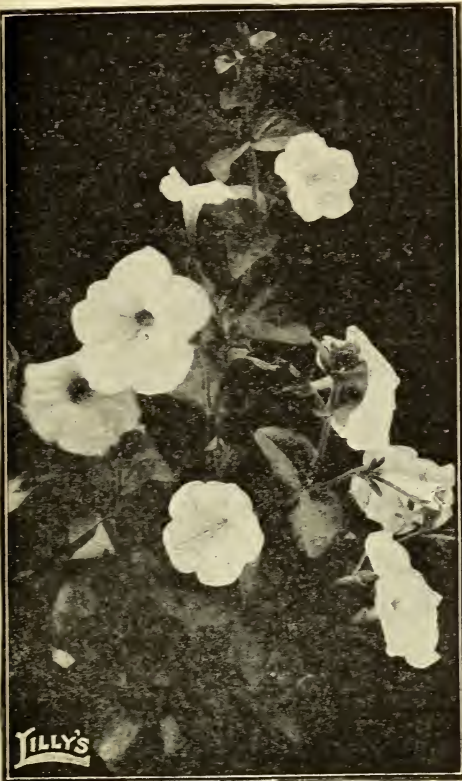
The plants bloom early and profusely, furnishing a wealth of bright colors and delicate shades until killed by frost. They are particularly useful for massing against shrubbery, and may also be grown in pots for winter decoration.

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, airiness of poise, and delicacy of texture.

No. 314. Shirley Poppy. Large fluted and crinkled flowers, produced in a variety of forms, colors, tints, and markings. 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., 10c; oz., 75c.

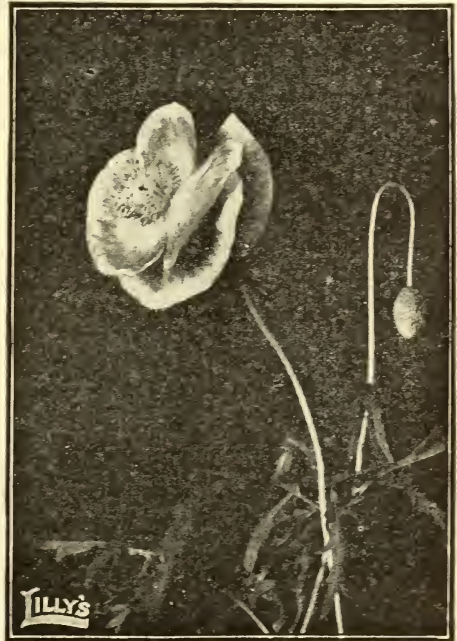
No. 58. Umbrosum Poppy. Brilliant vermilion with black spots. Single. Pkt., 5c; oz., 15c.

No. 341. Iceland Poppy. Graceful, delicate, single flowers, the petals resembling tissue paper. A hardy perennial, but will bloom the first year from seed.

Pkt., 10c; oz., 75c.

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

No. 1030. Oriental Poppy, Mixed Hybrids. Hardy perennials, producing immense flowers in gorgeous colors. Pkt., 10c; oz., 75c.



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 over-lapping 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.

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

CROP
BOOK

contains
cultural
directions.
We will
furnish it
free with
any order
if asked
for.



LILLY'S VERBENAS
GROWING SEEDS

LILLY'S

GIANT HYBRID VERBENAS

VERBENAS are low-growing, creeping, half-hardy annuals, splendid for beds, borders, rockeries, hanging baskets, window boxes, and for cut flowers. The plants are vigorous, bloom freely, and produce large trusses of flowers ranging in color from white through the shades of lilac and rose to purple. Plants from seed sown in the house or in hotbed 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.

No. 88. Finest Giant Hybrid Verbenas, Mixed colors.

Packet, 10c; ounce \$1.25.

Schizanthus

(Butterfly Flower, or Fringe Flower)

One of the airiest and daintiest flowers imaginable. A hardy annual, growing about eighteen inches high; excellent for borders, and a charming house plant for winter blooming.

No. 80. Mixed colors. Pkt., 5c; oz., 20c.

Smilax

A tender climbing perennial with beautiful, bright green, glossy leaves. Much esteemed for conservatories on account of the glossy foliage.

No. 374. Pkt., 10c; oz., 40c.

Snow-on-the-Mountain

(Arabis Alpina—Rock Cress)

Unequaled for rockeries or edgings. Grows about six inches high, forming a spreading plant a foot or more in diameter, which, very early in spring is completely covered with pure white flowers. It is a hardy perennial, easy to grow, and blooming the second year from seed.

No. 1035. Pkt., 10c; oz., 75c.

Summer Cypress

(Belvidere—Kochia Trichophylla)

An easily grown annual, which, sown thinly, outdoors, early in spring, soon forms a symmetrical, bright green, cypress-like hedge, attaining a height of about three feet by midsummer; turning deep red in fall.

No. 1029. Pkt., 10c; oz., 75c.

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, quite hardy, but the plants are rather difficult to grow from seed.

No. 319. Large Single Violets, Mixed. Pkt., 10c; oz., \$1.50.

Sweet William

(Dianthus Barbatus)

An old-fashioned plant, producing clusters of gorgeously colored flowers of great fragrance. It is a hardy perennial, but blooms the first year from seed; grows about one foot high, and is good for beds and borders.

No. 26. Single. Pkt., 5c; oz., 15c.
No. 27. Double. 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.

LILLY'S SWEET PEAS

SPENCER

OR
ORCHID-FLOWERED

Type

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 of the lavender Spencers.

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. 1011

Mrs. Routzahn Spencer

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

Prices, All Spencer Sweet Peas: Packet, 10c; ounce, 40c, postpaid.



CROP BOOK tells how to grow the finest Sweet Peas. Given free with any order.

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. 1014

Florence Morse Spencer

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

No. 1019

Florence Nightingale Spencer

Lavender with a bluish cast. Large, wavy flowers of fine shape and good substance.

No. 1023

Black Knight Spencer

Very dark, glossy, deep maroon; fine open form; very large.

No. 1024

America Spencer

Pure red or crimson-scarlet striped on a ground of ivory white. Large size and splendid form.

No. 1025

Stella Morse Spencer

Buff, suffused with a tint of pink; large and offine form.

LILLY'S Mixed Spencer Sweet Peas

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, all Spencer Sweet Peas: 10c per packet; 40c per ounce, postpaid.

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.

No. 974

Frank Dolby

Beautiful light lavender. 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

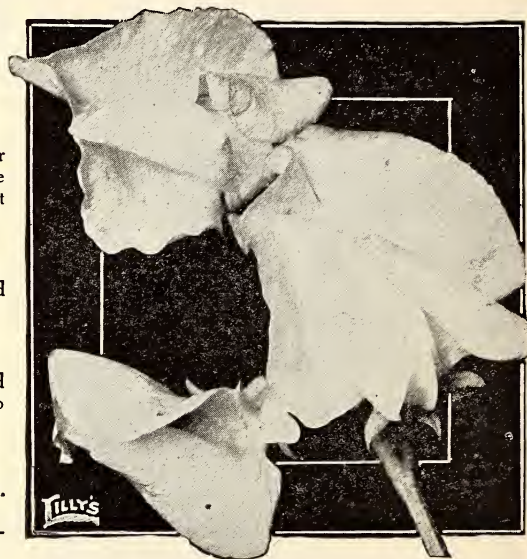
Bright rose-crimson with veins of deeper rose. Magnificent open form.

Prices: Packet, 10c; ounce, 40c, postpaid.

LILLY'S ROYAL MIXED SWEET PEAS

Included in this mixture are some of the best of all types and varieties of Sweet Peas. Every seed is of some worthy variety. If you do not care to keep the colors separate, you will find this mixture more than satisfactory.

No. 958. Packet, 5c; ounce, 20c, postpaid.



LILLY'S Christmas Blooming Sweet Peas

These varieties, if sown early in fall indoors, will bloom by Christmas and continue all winter. They may also be sown outdoors for extra early spring blooms.

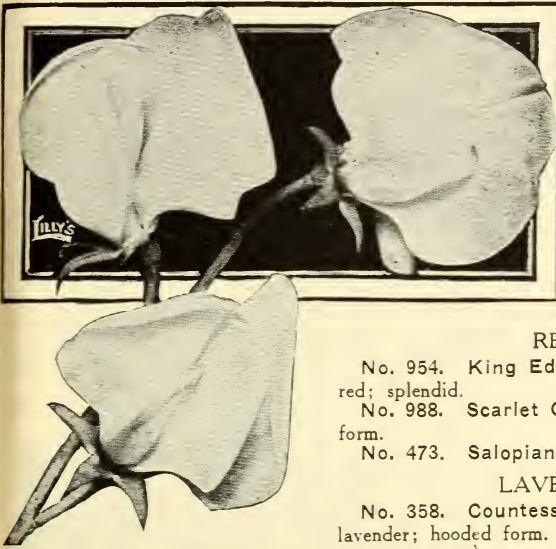
No. 1020. Christmas White...Pkt., 5c; oz., 30c

No. 1021. Christmas Pink...Pkt., 5c; oz., 30c

No. 1028. Christmas Blue...Pkt., 5c; oz., 30c

No. 457. Christmas Yellow...Pkt., 5c; oz., 30c

On the Pacific Coast, Sweet Peas may be planted in the fall for blooms early in spring.



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; wings 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. 930. 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. Triumph. Rose and crimson pink veined with scarlet rose and crimson; open form.

No. 465. Lady Grisel Hamilton. Standard mauve; wings very light lavender; hooded form.

No. 984. 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.

Price: Pkt., 5c; oz., 20c; postpaid.

Do not fail to plant Sweet Peas. They are the most satisfactory flowers that can be grown.

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

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.

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 GOLF LINKS MIXTURE

Forms an Indestructible Turf; Smooth, Firm, Elastic

A TURF, to be suitable for a golf course, must, in addition to making a good appearance, and remaining green all the season, be smooth, firm, elastic, tough, and capable of standing a great deal of abuse. To meet these requirements, we have prepared a formula composing such foreign and domestic grasses as will make a short, fine growth, with densely intermingling roots reaching deep into the ground.

Prices: Quart package (about 1 lb.), 35c; 5 lbs. or more, 35c per lb.; 100 lbs., \$30.00.

LILLY'S

PUTTING GREEN MIXTURE

THIS MIXTURE, in addition to forming a smooth, green, velvety lawn of the very finest quality, forms a deep, closely interwoven root-system that is not injured by constant tramping. It is equally good for forming new greens or for rejuvenating old ones. For new greens, one pound of seed is sufficient for three hundred square feet, but heavier seeding will give better results.

Prices: Quart package (about 1 lb.), 35c; 5 lbs. or more, 35c per lb.; 100 lbs., \$32.00.

LILLY'S

SHADY LAWN MIXTURE

THE UNSIGHTLY bare spots under trees and shrubbery may be overcome with this mixture.

It is also suitable for entire lawns and parks where, on account of being more or less shaded, other mixtures do not thrive. Ground that is sour or mossy must first be sweetened with Ground Lime Rock or Lime, and fertilized, after which this mixture will produce a good turf in the shadiest spots.

Prices: Quart package (about 1 lb.), 35c; 5 lbs. or more, 30c per lb.; 100 lbs., \$28.00.

The splendid golf links of Seattle, Everett, Bellingham, Aberdeen, and other cities in the Northwest are practical demonstrations of the excellence of Lilly's Grass Seed Mixtures.



LILLY'S CLOVER AND GRASS SEED

The Reason Why Lilly's Seeds Are Good Seeds

"That there are many frauds in the seed trade no good seedsman will deny, but much of the complaint about poor seed is due to the fact that dealers themselves are ignorant of the quality of the seeds they sell."—United States Department of Agriculture, Farmers Bulletin No. 111.

THERE IS A DIFFERENCE in seeds; and this is especially true of clover and grass seeds. No farmer would intentionally sow a pound of weed seeds on an acre of his land, yet many are sowing more than that amount of weed seeds each year, mixed with clover and grass seeds. Some do this carelessly, not realizing the results; others do it to save the few cents difference in price between good seed and poor seed.

The Pure Seed Laws are a splendid thing for both the farmer and the reliable seedsman, and they have made a great improvement in the quality of seed used; but it is possible to produce better seed than the law requires, and the careful farmer demands the best. The law requires that red clover seed must not be less than 92% pure, which is considered very good seed, but allows eight pounds of foreign seeds in each hundred pounds, or more than a pound to be sown on each acre.

In addition to this weed seed, red clover may contain as much as twenty per cent of dead seeds; that is, seeds which will not germinate, and, although not harmful like the weed seeds, they are utterly useless. Thus, it will be seen, good commercial red clover seed, complying strictly with the Pure Seed Law, and much better than some of the seed sold in other states, may contain twenty-eight per cent of seed which is worthless, or worse, and the farmer who buys this seed pays more per pound for the good seed contained in it than if he purchased the very best seed to be had, and paid the highest price.

Any seed packed in sealed bags branded "Lilly's Best" may be depended upon to be the very best seed that can be produced.

Few seedsmen have facilities equal to ours for producing good seed. We handle only the very best seed that can be grown, and it is cleaned and re-cleaned with our splendid seed-cleaning machinery until it is as near perfect as it can be made, and then tested for purity and germination. We do not handle any seed that is not considerably better than is required by the Pure Seed Law.

We have a complete seed testing laboratory, with the same apparatus as is used by the United States Government, and every lot of seed is accurately tested before being offered for sale.

YOU ARE TAKING NO CHANCES WHEN YOU SOW LILLY'S BEST SEEDS.



99½ %
PURE

LILLY'S
ALFALFA SEED

99½ %
PURE

(Medicago sativa)

Free From Dodder and Other Noxious Weed Seeds

LILLY'S BEST ALFALFA SEED is the acme of perfection in seeds. It never tests less than 99½% pure, is free from dodder and other noxious weed seeds, and consists only of big, plump seeds; all small and shrunken seeds having been removed. Hand picked seed could hardly be better.

We formerly handled a second grade of Alfalfa seed, but the modern farmer demands the very best seed that it is possible to procure, realizing that the difference in price is insignificant compared with the difference in crops produced, and the demand for the second grade has decreased to such an extent that we now handle only one grade, Lilly's Best, the best that can be produced.

1 lb., 25c; 10 lbs., 17½c per lb.; 50 lbs., 17c per lb.; 100 lbs., 16½c per lb.;
f. o. b. Seattle or Portland.

To maintain this high standard requires that the greatest care be exercised in growing and harvesting the seed, it is never grown in localities infested with dodder, and we have installed the most perfect seed cleaning machinery in use in the West.

There is nothing else so prolific as weeds, and few farmers are now willing to sow even the four per cent weeds allowed by the Pure Seed Law. It is unsafe to sow any seed which has not been tested, and the test guaranteed. Lilly's Best Alfalfa Seed sown on land reasonably free from weeds is good insurance of a bumper crop. Sow at the rate of eight to fifteen pounds per acre.

Prices at the time this catalog was printed were as follows:

TURKESTAN ALFALFA

(Medicago Turkestanica)

Dry Land Alfalfa

This variety was brought from Central Asia under the auspices of the United States Department of Agriculture, and, being very hardy, is adapted to very dry and unirrigated land. In appearance it is almost identical with Medicago Sativa.

The seed should be sown rather thickly, about 15 lbs. per acre; otherwise the stalks are inclined to be coarse and hard.

Price, 1 lb., 25c; 10 lbs., 19c per lb.; 50 lbs., 18½c per lb.; 100 lbs., 18c per lb. f. o. b. Seattle or Portland.

LILLY'S CROP BOOK

Containing Cultural Directions and other valuable information, will be given free with any order if requested.



LILLY'S GIANT WHITE CLOVER

The Clover That Makes the Dairies of Austria-Hungary Famous

HAVING heard of the merits of a clover used by the dairymen of Austria-Hungary, we procured some of the seed, gave it a thorough trial, and found it perfectly adapted to this country.

It produces a heavy crop of hay of excellent quality, and is especially valuable for pasture. In growth and size it is similar to Red Clover, but the blossoms are white, and in appearance and quality it resembles White Clover. In food value it is very high, and it is relished by cattle. It is not suitable for lawns.

The quantity of hay produced is about the same as Red Clover or Alsike. It may be pastured in spring, to retard the first crop of hay until good weather may be depended upon.

This seed was imported by us direct from Austria-Hungary, and we believe that we are the first seedsmen to introduce it into this country.

Price, 1 lb., 40c; 10 lbs., 36c per lb.; 50 lbs., 35½c per lb.; 100 lbs., \$35.00.

F. O. B. Seattle or Portland.

LILLY'S White Clover

(*Trifolium repens.*)

97% PURE

Free From Noxious Weed Seed

For lawns, especially, none but the very best White Clover seed obtainable should be used, as poor seed is liable to contain Sorrel.

Lilly's Best White Clover Seed is grown on land free from noxious weeds, is thoroughly re-cleaned, and is as near perfect as it can be made.

We have a second grade White Clover seed which is better than is required by the Pure Seed Law, but we do not recommend it for lawns when Lilly's Best can be had. For lawns, sow 25 lbs. or more per acre; for pasture 8 to 10 lbs.

LILLY'S BEST WHITE CLOVER: 1 lb., 45c; 10 lbs., 41c per lb.; 50 lbs., 40½c per lb.; 100 lbs., \$40.00.

Choice White Clover: 1 lb., 40c; 10 lbs., 34c per lb.; 50 lbs., 33½c per lb.; 100 lbs., \$33.00.

Bokhara Clover

(*Melilotus alba*)

(Sweet Clover)

Bokhara grows erect, sometimes five feet high, and thrives on poor and dry soils. It is covered with small white blossoms of great fragrance and very sweet. In the past it has been used mostly for bee pasture, for which it is unequaled, and is becoming popular for pasture early in spring, and for forage and hay. Sow 10 lbs. per acre.

Prices, 1 lb., 30c; 10 lbs., 27½c per lb.; 50 lbs., 27c per lb.; 100 lbs., \$26.50.

LILLY'S Alsike

(*Trifolium hybridum.*)

98% PURE

A Clover for Wet Land

Alsike is good in both pasture and hay mixtures, will stand a great amount of moisture, and is especially useful on land that is too wet for Red Clover. The nature of the seed makes it very difficult to clean with ordinary seed cleaning machinery, and great care should be exercised in purchasing.

We have a second grade, at a slightly less price, but the difference in price does not warrant the use of any but Lilly's Best. Sow at the rate of 8 to 10 lbs. per acre.

LILLY'S BEST ALSIKE: 1 lb., 30c; 10 lbs., 24c per lb.; 50 lbs., 23½c per lb.; 100 lbs., \$23.00.

Choice Alsike, lb., 25c; 10 lbs., 22c per lb.; 50 lbs., 21½c per lb.; 100 lbs., \$21.00.

Crimson Clover

(*Trifolium incarnatum.*)

Crimson Clover is an annual, useful principally as a cover crop and to plow under for green manure. It is a good crop in California, and can be grown in the Willamette Valley, but further north we do not recommend it. Sow 12 to 20 lbs. per acre.

Prices, 1 lb., 25c; 10 lbs., 21c per lb.; 50 lbs., 20½c per lb.; 100 lbs., \$20.00.

Esparsette, or Sanfoin

(*Onobrychis sativa.*)

A perennial, leguminous, fodder plant, thriving on light, dry, or sandy soils. Sow in spring, covering the seed quite deeply, at the rate of 80 to 100 lbs. per acre.

Price, 1 lb., 20c; 100 lbs., \$17.00.



LILLY'S RED CLOVER SEED

(*Trifolium pratense.*)

99% PURE

Absolutely Free From Dodder Recleaned and Tested

LILLY'S BEST RED CLOVER SEED is one of our hobbies, and we have reason to be proud of it. It is guaranteed to test not less than 99 per cent pure, and we make it as much better as possible, usually as high as 99½ per cent pure, which, before the installation of our new and perfected seed cleaning machinery, was considered an impossible state of purity for Red Clover seed. The Pure Seed Law requires only 92 per cent purity, which is much better than much of the seed used before that law went into effect.

Lilly's Best Red Clover Seed has never tested less than 99 per cent pure, and it is by maintaining that high standard that we have gained a reputation for this seed, and now handle practically

all of the high-grade Red Clover seed used in the Northwest.

The United States Department of Agriculture and others have done excellent work in demonstrating the importance of pure seed, and the farmers now demand the best that is to be had.

Although Red Clover is a very important crop west of the Cascade Mountains, it is not nearly so universally grown as it could be profitably. It is not only the most valuable hay, forage and silage crop, but it is also of inestimable value for fertilizing and improving the texture of the soil, either when plowed under or when removed from the field.

In common with other legumes, it has the power of drawing nitrogen from the air and distributing it through its roots into the soil; also, the roots, reaching deep into the soil, loosen and pulverize it, and, especially when plowed under, it forms humus, a thing much needed in most soils. There is much unfertile land that could be made productive by plowing under a crop of Red Clover, and much unused land that could be improved by seeding and pasturing it.

We have a second grade of Red Clover which is very good seed, better than is required by the Pure Seed Law, and better than most seed offered in the market, but the demand for this grade is steadily decreasing, and we do not encourage its use when Lilly's Best Red Clover Seed is to be had.

LILLY'S BEST RED CLOVER SEED: 1 lb., 25c; 10 lbs., 20c per lb.; 50 lbs., 19½ per lb.; 100 lbs., 19c per lb.

Choice Red Clover Seed: 1 lb., 25c; 10 lbs., 19c per lb.; 50 lbs., 18½ per lb.; 100 lbs., 18c per lb.

These prices are subject to change. Write for current Price List before ordering.

"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.

Mammoth Red Clover

(*Trifolium medium.*)

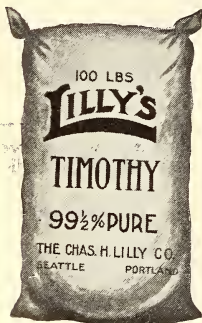
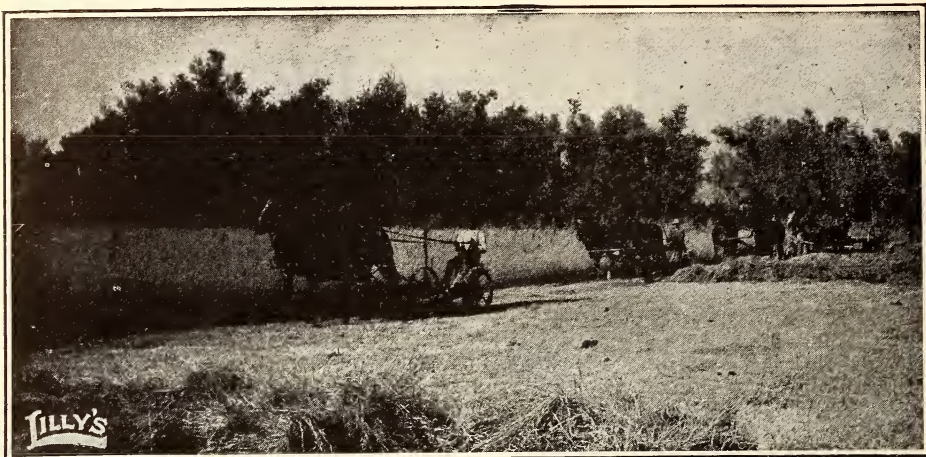
Mammoth Red Clover is very similar to the common Red Clover, but the stalks are very coarse, making it of little use for hay or forage, and it is used almost exclusively as a green manure, to plow under. It is valuable for that purpose on account of its deep rooting habits, and its ability to draw nitrogen from the air. It is usually sown at the rate of 10 to 20 lbs. per acre.

We have only one grade, which complies strictly with the Pure Seed Law.

Price, 1 lb., 25c; 10 lbs., 23c per lb.; 50 lbs., 22½c per lb.; 100 lbs., \$22.00.

Prices subject to change. Write for Price List.

If it's in sealed bags branded **LILLY'S** it's good.



LILLY'S

TIMOTHY SEED

(Phelum pratense.)

99 1/2%
PURE

The Best Seed That Can Be Produced

LILLY'S BEST TIMOTHY has never tested less than 99 per cent pure, and that has always been considered as near perfect as seed could be made, but since the installation of our new seed cleaning machinery we have been able to raise the standard to 99 1/2%. It usually tests even better than that; never less.

It is grown in Idaho, on land that is free from weeds; is harvested with the greatest care to prevent damage and discoloration from rain or dew; and in cleaning all small and light seeds are removed, as well as all foreign matter.

We also have Choice Timothy Seed, which, although second grade, is better than the Pure Seed Law requires. However, the difference in price does not justify the use of this seed when Lilly's Best can be had. Timothy seed, when sown alone, is usually sown at the rate of 25 lbs. per acre.

Write for current Price List before ordering. Prices at the time this catalog was printed were as follows:

LILLY'S BEST TIMOTHY: 1 lb., 10c; 10 lbs., 8 per lb.; 50 lbs., 7 1/2c per lb.; 100 lbs. \$7.

Choice Timothy: 1 lb., 10c; 10 lbs., 7 1/2c per lb.; 50 lbs., 7c per lb.; 100 lbs., \$6.50.

LILLY'S

Kentucky Blue Grass

(Poa pratensis.)

Kentucky Blue Grass is a true perennial, lasting indefinitely and improving each year. Its densely creeping root-stocks, spreading habit, even growth, fine texture, and rich green color renders it one of the very best grasses for lawns. It forms a close turf, starts very early in spring, and on the Pacific Coast remains green practically all the year.

Our seed is imported in carload lots direct from one of the most reliable growers in Kentucky. It is free from Canadian Blue Grass and other undesirable seeds, is carefully re-cleaned, and is the best seed obtainable. Sow at the rate of 50 lbs. per acre, alone, or in that proportion mixed with other seeds.

Price, 1 lb., 25c; 10 lbs., 18c per lb.; 50 lbs., 17 1/2c per lb.; 100 lbs., \$17.00.

Canadian Blue Grass

(Poa compressa.)

Canadian Blue Grass, although not so popular as Kentucky Blue Grass for lawns, is more hardy, easier to get started, makes a very tough turf, and is of fine texture. It is also a splendid grass in pasture mixtures for dairy cows.

Sow 20 to 60 lbs. of seed per acre.

Price, \$14.00 per 100 lbs. Less than sack lots, 15c per lb.

Creeping Bent, or Florin

(Agrostis Stolonifera.)

One of the very best lawn grasses. Its creeping, rooting stems form a tough, compact turf that is actually improved by constant tramping. It is equally good in pasture mixtures. Sow at the rate of 50 lbs. per acre, alone, or in the same proportion when mixed with other grasses.

Price, 40c per lb.; \$33.00 per 100 lbs.

These prices are subject to change. Write for current Price List before ordering.

RED TOP

(*Agrostis vulgaris*.)

Red Top, or Herd's Grass, is valuable in wet places, where other grasses will not thrive. 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.

We have two grades of Red Top; Fancy and Choice. We recommend the Fancy Red Top, as it is solid seed, free from chaff, requires only about half as much per acre, and is easier to sow. Choice Red Top may be just as pure, but as half the weight is chaff, there is no economy in sowing it.

If sown alone, use 30 lbs. of Fancy seed, or 60 lbs. of Choice seed per acre.

FANCY RED TOP: 1 lb., 40c; 10 lbs., 35c per lb.; 50 lbs., 33½c per lb.; 100 lbs., \$33.00.

Choice Red Top: 1 lb., 20c; 10 lbs., 15c per lb.; 50 lbs., 14½c per lb.; 100 lbs., \$14.00.

Brome Grass

(*Bromus inermis*.)

Brome Grass will stand a great deal of drought, has creeping root stalks, which quickly from a thick, firm turf. It is very valuable in the semi-arid regions where less hardy grasses cannot be grown, but it is not high in food value, and there are other grasses more valuable for the country west of the Cascade Mountains. It is most valuable as a pasture grass, but grows tall enough to use for hay. Sow 35 to 40 lbs. per acre.

Price, 1 lb., 25c; 10 lbs., 17½c per lb.; 50 lbs., 17c per lb.; 100 lbs., \$16.50.

Bermuda Grass

(*Cynodon dactylon*.)

A valuable grass for the south, for both pastures and lawns. It is of dwarf habit, with long creeping stems, rooting at the joints and covering the ground with a mat of fine turf which no amount of tramping can destroy. As it cannot endure frost, it is of no value north of California. It thrives on poor, sandy soil, and resists extreme drought and heat. Sow 10 lbs. per acre.

Price, 1 lb., 60c; 10 lbs., 55c per lb.

Reed Canary Grass

(*Phalaris arundinacea*.)

Reed Canary Grass is grown mainly 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 grown on the banks of rivers and lakes, where its strong, creeping rootstocks render it valuable for binding the banks. It is the only grass that will endure being flooded for any great length of time. Sow at the rate of about 30 lbs. per acre.

Price, 1 lb., 70c; 10 lbs., 63c per lb.

Prices shown on this page are the prices in effect at the time this catalog was printed, and are subject to change. Current Price List will be mailed on request.

ORCHARD GRASS

(*Dactylis glomerata*)

Orchard Grass, or Cock's Foot, is one of our most useful grasses. It comes very early in spring, furnishing pasture earlier than any other grass. It makes good hay if cut as soon as in blossom; later it becomes hard and woody.

It is especially valuable, mixed with other grasses and clovers, for pastures and for sowing on logged-off and burned-over land. It is very hardy, and thrives in shady places where other grasses will not grow, but is not suitable for lawns. Being a bunch grass, it is best mixed with other grasses. Sow at the rate of 40 to 60 lbs. per acre, alone, or in the same proportion when mixed with other grasses.

Price, 1 lb., 25c; 10 lbs., 20c per lb.; 50 lbs., 19½c per lb.; 100 lbs., \$19.00.

Tall Meadow Oat Grass

(*Avena elatior*.)

Valuable for pasture on account of its early and luxuriant growth; it also produces a heavy yield and good quality of hay, which is relished by all stock. It is deep rooting, hardy, withstands drought, and is grown very successfully in Eastern Washington and California. It is best sown with other grasses, and should not exceed one-fifth of the total amount of seed sown.

Price, 1 lb., 25c; 10 lbs., 21c per lb.; 50 lbs., 20½c per lb.; 100 lbs., \$20.00.

Crested Dog's Tail

(*Cynosurus cristatus*.)

A perennial grass, forming a smooth and lasting turf, excellent in mixtures for lawns, putting-greens and pastures. It thrives best on rich, moist land, but can accommodate itself to almost any soil, and, as the roots penetrate deeply into the ground, it can stand severe drought. Height, one to two feet. Sow at the rate of 30 lbs. per acre if sown alone, or in that proportion if mixed with other grasses.

Price, 1 lb., 50c; 10 lbs., 40c per lb.

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 has little food value, is not relished by stock, and on account of its spreading habit, it is liable to become a nuisance.

Price, 1 lb., 20c; 10 lbs., 17½c per lb.; 50 lbs., 17c per lb.; 100 lbs., \$16.50.

Johnson Grass

(*Sorghum halpense*.)

Johnson Grass belongs to the Sorghum family, is sweet and nutritious, and is relished by stock, but it will not stand frost, 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.

Write for prices.



ENGLISH RYE GRASS

(*Lolium perenne*.)

English, or Perennial, Rye Grass is especially adapted to the country west of the Cascade Mountains, 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 in both hay and pasture mixtures. It prefers moist, rich loams or clay soils, but does well almost any place. It makes a quick, strong growth, and when sown thickly is excellent in mixtures for lawns or golf links.

For pasture or hay, sow at the rate of 60 lbs. per acre, alone, or in that proportion mixed with other grasses.

Price, 1 lb., 10c; 10 lbs., 8c per lb.; 50 lbs., 7½c per lb.; 100 lbs., \$7.00.

Meadow Fescue

(*Festuca pratensis*.)

This is also known as English Blue Grass, and is valuable in pastures and meadows, mixed with other grasses. It thrives on thin, dry soils, and will stand a great deal of abuse. Sow 40 lbs. per acre.

Price, 1 lb., 20c; 100 lbs., \$14.00.

Sheep's Fescue (*Festuca ovina*.)

Though of dwarf growth, it grows thickly, yielding a large amount of nutritious herbage, and is valuable in pasture mixtures. It prefers dry uplands, and thrives in poor, shallow, gravelly soils, where other grasses would fail. Though a bunch grass, it may be included in lawn mixtures on account of its fine foliage and dwarf, dense growth.

Sow at the rate of 35 lbs. per acre.

Price, 1 lb., 35c; 10 lbs., 28c per lb.

ITALIAN RYE GRASS

(*Lolium italicum*.)

Italian Rye Grass is supposed to be a biennial, but on the Pacific Coast it will last almost indefinitely, and is one of the most valuable pasture grasses, as it produces green feed late in the season, after other grasses are past their prime. It makes a rapid growth, and will furnish more green pasture in midsummer than any other grass.

It is valuable for sowing on logged-off land, and may be sown either in fall or spring. Sow at the rate of 50 lbs. per acre, alone, or in that proportion mixed with other grasses.

Price, 1 lb., 10c; 10 lbs., 8½c per lb.; 50 lbs., 8c per lb.; 100 lbs., \$7.50.

Fine Leaved Fescue

(*Festuca tenuifolia*.)

Similar to Sheep's Fescue, but with much finer leaves; has the same dwarf growth and drought-resisting qualities, and is suitable in pasture mixtures for dry and inferior soils. Also suitable for dry slopes on lawns. 30 lbs. per acre.

Price, 1 lb., 50c; 10 lbs., 43c per lb.

Hard Fescue (*Festuca duriscula*.)

More dwarf and less vigorous than Sheep's Fescue, but useful in pasture mixtures for dry uplands and poor soils. 30 lbs. per acre.

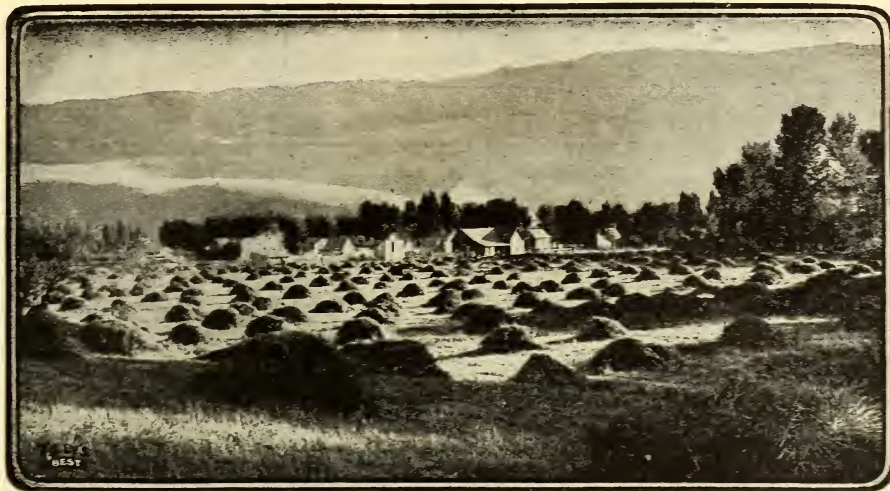
Price, 1 lb., 35c; 10 lbs., 28c per lb.

Red Fescue (*Festuca rubra*.)

A creeping rooted species, forming a close and lasting turf, resisting extreme drought, and thriving on inferior soils, gravelly banks and exposed hillsides. Sow 30 lbs. per acre.

Price, 1 lb., 35c; 10 lbs., 28c per lb.

These prices are subject to change. Write for current 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.

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 BARLEY

WHITE HULLESS BARLEY

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 hulless, 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.

For prices—see enclosed Price List, or later issues which will be sent to you on request.



LILLY'S
BEST
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

SWEDISH SELECT OATS

Best for the West

OATS, being one of the most important and profitable crops in the Northwest, it was important that we should decide what variety is best suited to this locality. Following our usual practice of testing all promising varieties of grains, vegetables, etc., we planted many varieties of oats, both in our trial grounds and in fields in various localities. Although several varieties made a good showing, none equaled the Improved Strain Swedish Select.

Swedish Select has long been popular, but the variety deteriorated. We procured from Garton Bros., the famous plant breeders of England, a quantity of pure seed of their improved strain, and it is from this stock that our seed is grown. It is grown in the Northwest, and is thoroughly acclimated.

It is a large, white, head oat; plump and very heavy, weighing 48 lbs. to the measured bushel. It is about two weeks earlier than most other varieties, and the yield is 25% more than any of the other varieties that we have tested. The straw is medium long, and is extra large, making it stand up better and less liable to lodge than any other oat. This, in addition to the immense yield and splendid quality, makes it the most valuable oat that has ever been grown in the Northwest. Price, \$3.00 per 100 lbs.; less than sack lots, 4c per lb.

LILLY'S

BLACK ALASKA
WINTER OATS

Pure Seed—Perfected Strain

BLACK ALASKA is by far the best winter oat, provided pure seed can be procured. Our seed is grown in the Northwest, from seed of a perfected strain, imported from Sweden. It is pure, and very much superior to the seed commonly sold as Black Alaska.

It is a very heavy, head oat, with thick, black hull, and a large, plump, dark colored kernel. It is extremely hardy, and withstands our most severe winters. The straw is large and strong, not liable to lodge. It stools freely, and is splendid as a support for vetch. Price, \$3.00 per 100 lbs.; less than sack lots, 4c per lb.

If it is
BRANDED
LILLY'S
It Is
GOOD

OREGON GRAY
WINTER OATS

A very hardy gray oat, used almost exclusively for fall planting; splendid for sowing with vetch. It yields well, and the oats are large and plump.

Price, \$2.75 per 100 lbs.; less than sack lots, 3¾c per lb.

AMERICAN BANNER OATS

A very popular white, head oat. The kernels are short, plump, and white; the straw is stiff, and stands up well.

Price, \$2.75 per 100 lbs.; less than sack lots, 3¾c per lb.

LILLY'S NORTHERN GROWN CORN

Will Mature in the Northwest

CORN CAN BE GROWN IN THE NORTHWEST, provided the seed has been acclimated and cultural conditions are right. It is especially useful for fodder and ensilage, is being more generally grown each year, and is bound to become one of our most valuable crops. 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.

Packet, 10c, post-paid. Lb., 10c; 100 lbs., \$8.00, f. o. b. Seattle or Portland.

White Rustler

The earliest white dent corn; large and handsome. Acclimated in the Northwest.

Packet, 10c, postpaid.

Pound, 10c; 100 lbs. \$8.00.

Leaming Improved

Early yellow dent corn; long, narrow kernels; heavy; very productive.

Lb., 10c; 100 lbs., \$4.00, f. o. b. Seattle or Portland.

Iowa Gold Mine

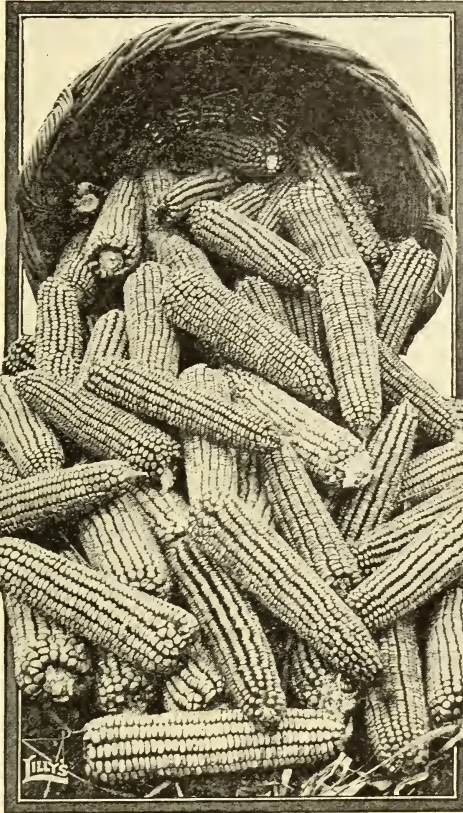
A medium early golden-yellow dent corn. Best for Middle West and Canada. Successful in favored localities on the Coast.

Pound, 10c; 10 lbs., 5½c per lb., 100 lbs., \$4.50.

Sweet Fodder Corn

A sweet corn, producing an abundance of leaves; the best for fodder, and especially good for ensilage.

Pound, 10c; less than sack lots, 5½c per lb.; 100 lbs., \$4.50.



Pride of the North

A splendid, quick-growing yellow dent corn. Best for the country east of the Cascades.

Pound, 10c; less than sack lots, 5c per lb.; 100 lbs., \$4.00.

Champion White Pearl

A large, late, white dent corn; cobs small; grain long and compact.

Lb., 10c; 100 lbs., \$4.50.

Early Canada

A yellow flint variety, adapted to the country west of the Cascades.

Lb., 10c; 100 lbs., \$4.00.

King Philip

An early, red flint corn, well acclimated, and a favorite west of the Cascades.

Lb., 10c; 100 lbs., \$4.50.

Sanford White Flint

A reliable, early, large, white flint variety of beautiful appearance.

Pound, 10c; less than sack lots, 5c per lb.; 100 lbs., \$4.50.

Red Cob Ensilage Corn

A red-cob field corn, very popular, and preferred by many for either fodder or ensilage.

Pound, 10c; less than sack lots, 5½c per lb.; 100 lbs., \$4.50.

To grow corn successfully in the country west of the Cascade Mountains it is necessary to grow it in every way possible. Lilly's Fertilizers will help wonderfully.

LILLY'S VETCH

One of the Most Valuable Crops for the Northwest

VETCH is one of the most valuable crops that can be grown in the Northwest for hay, silage, pasture, soiling, green manure or for a cover crop for orchards. In food value it is about equal to Alfalfa, is consumed with less waste, and is relished by all stock. It is especially valuable for a dairy food, being a great milk producer. Like all legumes, it has the power of drawing nitrogen from the air, and distributing it in the soil. A crop of vetch plowed under is equal in fertilizing value to a heavy application of stable manure.

The names "Spring Vetch" and "Winter Vetch" are misleading, and do not apply in this country.

Common, or Spring, Vetch (Vicia Sativa)

Common Vetch is best for the country west of the Cascade Mountains, for either fall or spring sowing, and is of inestimable value to the dairyman, taking the place of alfalfa. It is best sown early in the fall, at the rate of sixty to ninety pounds per acre, with about fifty pounds of oats, wheat, rye or barley to support the vines, and should yield three to four tons of excellent hay per acre. The vines resemble Field Peas, but are longer and finer.

A good article on this subject appears in The Crop Book, which will be furnished free to our customers.

Price, sack lots, \$4.50 per 100 lbs.; less than sack lots, 5½c per lb.

Hairy, or Winter, Vetch (Vicia Villosa)

Winter, Sand, or Hairy Vetch, is the variety most generally grown east of the Cascade Mountains, where it is best sown in fall, but may be sown in early spring. It makes splendid hay, forage, or silage, and is the best cover crop for orchards. It draws nitrogen from the air, and as that is the ingredient most lacking in the soil of Eastern Washington and Eastern Oregon, and is the most expensive to supply in the form of Commercial Fertilizer, its value as a fertilizer is very great.

The seed is smaller than Common Vetch, and little more than half the quantity is required.

Price, sack lots, \$13.00 per 100 lbs.; less than sack lots, 14c per lb.

LILLY'S FIELD PEAS

Splendid Stock Food and a Great Soil Builder

ANOTHER leguminous annual that is especially valuable on the Pacific Coast. They do well on a variety of soils, favoring clay, and are grown for the same purposes as vetch, viz., hay, ensilage, soiling, and for green manure. They are particularly useful for dairy and hog food, and are excellent for all kinds of stock, taking the place of corn to a great extent. Peas are generally sown at the rate of about 150 lbs. per acre, with about 50 lbs. of oats, wheat, rye or barley to keep the vines from lodging. They should be ready to cut for hay about the middle of July, and produce two to four tons. They may be sown in the fall in this locality.

Canadian Field Peas

The most popular variety; grown very extensively in the Northwest. Splendid for hay, ensilage, green feed, or to plow under for green manure. The ground grain is a valuable food for hogs, poultry and other stock, and is the best substitute for corn.

Price, \$3.50 per 100 lbs.; less than sack lots, 4½c per lb.

Blue Scotch Field Peas

A splendid variety, similar to Canadian, except in color, which is bluish green. The peas are small, round, very hard. It is a heavy yielder and ripens evenly.

Price, \$4.00 per 100 lbs.; less than sack lots, 5c per lb.

Green Field Peas

Larger than the Canadian and Blue Scotch, and of a bluish color; similar in other respects.

Price, \$3.50 per 100 lbs.; less than sack lots, 4½c per lb.

Whip-poor-will Cow Peas

Adapted to warm climates, and extensively grown in the South for fodder and to plow under for fertilizer. They may be grown in Eastern Washington, but should not be sown until the ground becomes thoroughly warmed. They cannot be grown successfully west of the Cascade Mountains.

Price, \$8.00 per 100 lbs.; less than sack lots, 9c per lb.

Prices shown in this catalog are subject to change. Current Price List will be mailed on request.

The Crop Book contains good articles on Vetch and Field Peas. It will be furnished free to our customers.

LILLY'S

THOUSAND HEADED
KALEGreen Feed
for Cows, Sheep,
Hogs and Poultry
in Winter.

THOUSAND HEADED KALE is a very valuable green, succulent feed for cows, sheep, hogs and poultry during the winter. It is hardy, and, in our mild climate, may be left in the ground and cut as wanted during the winter.

Dairymen find it almost indispensable. It is excellent and economical feed for sheep and hogs, and it solves the problem of winter green feed for poultry. The plants grow about four feet high, often weighing thirty pounds, and producing sixty tons of green feed per acre.

There is considerable information on this subject in The Crop Book, which will be given free with any order. One pound of seed will produce sufficient plants to transplant one acre.

Price, 1 lb., 35c (postage 10c additional); 10 lbs., 29c per lb.; 100 lbs., \$28.00.

MARROWCABBAGE
CHOU MOELLIER
or
White Stemmed
Marrow Kale

THIS IS DESCRIBED in Washington State Agricultural Experiment Station Bulletin No. 95 as a valuable dairy and poultry food, in many ways very similar to Thousand Headed Kale, and even more prolific.

The plants average four to six feet in height, with stalks five to six inches in diameter, and weigh fourteen to twenty pounds. The stalks are edible, and are relished by cows. The lower leaves are broken off and fed as they mature.

The plant is not so hardy as Thousand Headed Kale, but is most valuable for green feed in fall and early winter.

Culture is the same as for kale and cabbage. One pound of seed will produce plants for one acre.

Price, 60c per lb. Postage 10c per lb.

For prices on larger quantities, see enclosed Price List, or later issues, which will be mailed on request.

DWARF ESSEX
RAPEPasture and Green Feed
During the Dry Season

DWARF ESSEX RAPE supplies pasture and green feed for hogs, sheep, cattle and poultry during the dry season in summer when green feed is scarce.

It is usually sown very early in spring, but for fall use it may be sown as late as July, after some early crop has been harvested. About eight weeks after sowing it should reach a height of twelve to fourteen inches, at which time pasturing or cutting may commence.

If not cut too close it will sprout up again in the fall, and, as it will stand considerable frost, will furnish green feed until far into the winter.

Explicit cultural directions will be found in The Crop Book.

Price, 1 lb., 15c (postage 10c); 10 lbs., 11c per lb.; 100 lbs., \$10.00.

Parcel Post rates do not apply on Seeds or Plants. Postage is 1c for each two ounces.

LILLY'S EMMER

A Grain for the Semi-Arid Regions

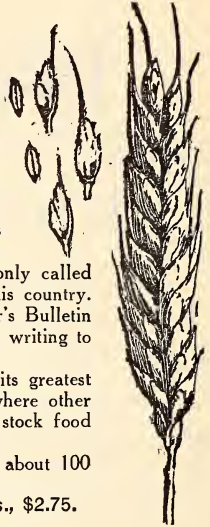
EMMER is a species of wheat, botanically known as *Triticum dicoccum*, resembling two-rowed barley in appearance, and is extremely hardy and drought-resisting, making it especially valuable for stock food in the semi-arid regions where other grains and forage crops cannot be grown successfully, or are uncertain.

Emmer has been grown in this country for several years, but has been commonly called Speltz, which is in error, as Speltz is an entirely different grain, little known in this country. It is highly recommended by the United States Department of Agriculture in Farmer's Bulletin No. 139, "Emmer, A Grain for the Semi-arid Regions," which may be procured by writing to your Congressman, or to the Secretary of Agriculture, Washington, D. C.

It will produce fair crops under almost any condition of soil or climate, but its greatest value lies in its ability to produce a crop in hot, dry localities, and on poor soil, where other grains would fail. Under such adverse conditions it will produce more and better stock food than any other grain. In feeding value it equals or excels barley or rye.

It is usually sown in spring, in the same manner as wheat, etc., at the rate of about 100 lbs. of seed per acre.

Price, 10 lbs., 33 $\frac{3}{4}$ c per lb.; 50 lbs., 3 $\frac{1}{4}$ c per lb.; 100 lbs., \$2.75.



Japanese Buckwheat

Excels all other varieties. The grain is larger than Silver Hull, yields much heavier, ripens earlier, stands up better, and the flour is fully equal in quality to that from any other variety. It remains a long time in bloom, and is excellent for bee pasture.

Price, 5 $\frac{1}{2}$ c per lb.; \$4.50 per 100 lbs.

Silver Hull Buckwheat

A good and popular milling variety. The grain is light gray in color, is larger and rounder than the common varieties; is earlier, and yields heavier.

Price, 5 $\frac{1}{2}$ c per lb.; \$4.50 per 100 lbs.

Flax Seed

Destined to become an important crop in the Northwest. It thrives either east or west of the Cascades on land which is moist but not wet. The seed is sown in spring, at the rate of thirty pounds per acre if sown for seed, or twice that amount for fiber.

Price, 8c per lb.; \$7.00 per 100 lbs.

Soja Beans

They thrive in hot, dry climates, and are quite extensively grown in the South; but are of little value in the Northwest. East of the Cascades they would probably produce a crop for forage or green manure, but could not be depended upon to mature seed.

Price, 7c per lb.; \$6.00 per 100 lbs.

Spurry

An annual, thriving on poor, dry, sandy soil, and excellent for hay, pasture, or for green manure. May be sown any time from March to August, at the rate of ten to twenty pounds per acre.

Price, 12c per lb.; \$11.00 per 100 lbs.

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. Price, 4c per lb.; \$3.00 per 100 lbs.

Broom Corn

Another non-saccharine cane, grown for seed, fodder, and for manufacturing brooms, under the same conditions as Kaffir Corn.

Price, 9c per lb.; \$8.00 per 100 lbs.

Sorghum—Early Amber Cane

East of the Cascade Mountains 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 mountains it will not produce seed, and although it will produce fair crops of fodder, it is not especially recommended, as there are other crops more profitable.

Price, 7c per lb.; \$6.00 per 100 lbs.

Mammoth Russian Sunflower

The largest variety, bearing heads fifteen to twenty inches in diameter, and producing an immense amount of seed. The seed is excellent poultry food when mixed with grains, and should be more generally grown by poultrymen.

English Horse Beans

Used in the South as a forage crop, and to plow under for green manure. Of no use in the Northwest. Write for prices.



LILLY'S MILLET

A Valuable Catch Crop for Hay

MILLET is a quick growing annual, and is mostly useful as a catch crop for hay. It may be sown as late as the last of July, after some early crop has been removed; or it may be sown early and harvested in time to plow the ground for a fall-sown crop; thus utilizing the ground between crops, or at a time when it would otherwise lie idle.

For hay it should be sown at the rate of about fifty pounds per acre; for seed it should be sown much thinner. It produces two to five tons per acre of very nutritious hay: which should be cut before the seed begins to mature. The seed is excellent for poultry food when fed with other grains.

German, or Golden Millet

A medium early variety, growing four to five feet high, and making a very good quality of hay or forage, although coarser than some varieties. It sometimes produces as much as five tons of hay or seventy bushels of seed per acre.

Price, \$5.50 per 100 lbs.; less than sack lots, 6½¢ per lb.

Hungarian Millet

Grows three to four feet high, with slender stems and abundant leaves, producing two to three tons of excellent hay per acre. It is a week earlier than German Millet, and requires less moisture.

Price, \$5.50 per 100 lbs.; less than sack lots, 6½¢ per lb.

Siberian Millet

A comparatively new variety, imported from Russia; earlier than either German or Hungarian, and very hardy, withstanding more heat and drought than any other variety. It makes a rank growth, with abundance of leaves, and produces immense crops of excellent hay.

Price, \$5.50 per 100 lbs.; less than sack lots, 6½¢ per lb.

Common Millet

One of the earliest varieties, withstands drought, and thrives on poor soils. It does not yield as heavily as some varieties, but is finer and is preferred by many for hay.

Price, \$3.50 per 100 lbs.; 4½¢ per lb. in less than sack lots.

Teosinte

A quick growing forage plant, valuable in warm localities, and furnishing great quantities of fodder of rather poor quality. When cut for green forage, which may be done at any time during its growth, it should be cut above the first two joints, which will then throw out new shoots, and produce a second crop even larger than the first. The seed should be sown in drills four feet apart, using four pounds per acre.

Price, \$1.00 per lb.

Japanese Millet

Medium early, growing about six feet high, and producing a large amount of rather coarse forage, best for feeding green; will not stand as much drought as some varieties.

Price, \$8.00 per 100 lbs.; 9¢ per lb. in less than sack lots.

Japanese Barnyard Millet

Grows six feet or more in height, producing enormous crops of excellent hay and fodder, and thriving on almost any soil; more tender than most of the tall varieties. It requires less seed than the other varieties.

Price, \$8.00 per 100 lbs.; 9¢ per lb. in less than sack lots.

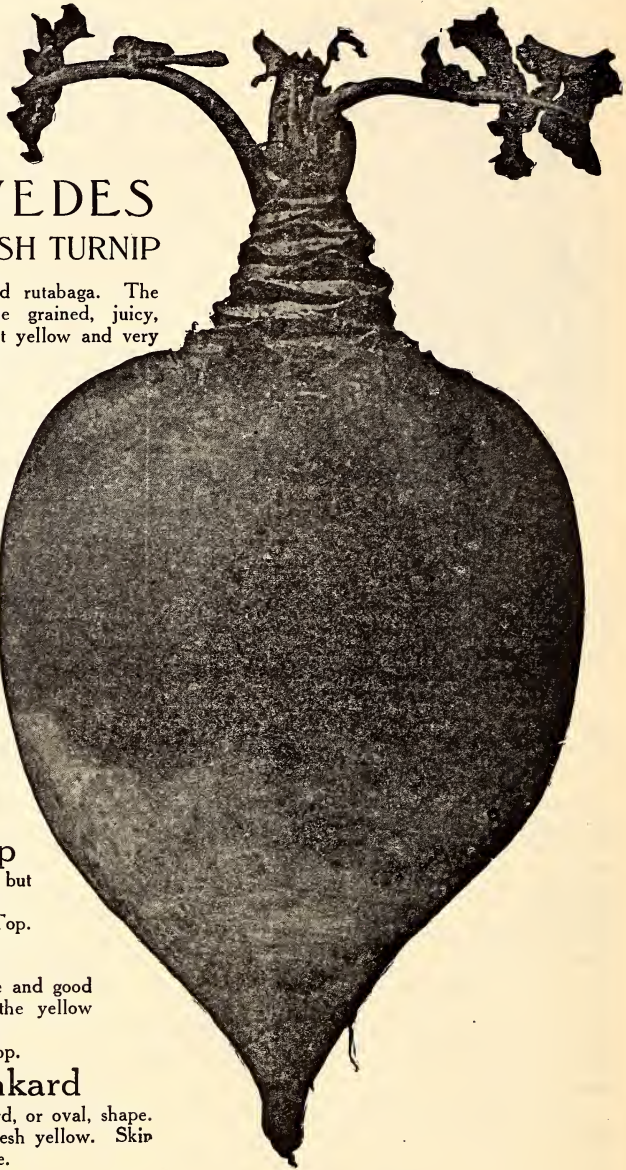
Seradella

A valuable forage plant for dry, sandy soil, making a good quality of hay, sometimes admitting of two cuttings in a season; and furnishing good pasture for sheep. It may be sown with winter rye. Sow at the rate of fifty pounds of seed per acre.

Price, 18¢ per lb.; \$17.00 per 100 lbs.

Prices shown in this catalog are subject to change. Write for current Price List before ordering.

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, hardiness 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; 1 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,

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., 20c; ½ lb. 35c; 1 lb., 65c. By freight or express, not prepaid, 1 lb., 55c; 10 lbs., \$5.00.

LILLY'S DANISH SLUDSTRUP MANGEL

Valuable Food for Stock and Poultry

THIS SPLENDID new variety is undoubtedly the best mangel grown. Our customers who grew Sludstrup last season were delighted with it; and in our trial grounds it made a much better showing than any other. It is a long mangel, smoother than others, of a reddish-yellow color, grows well above ground and is easy to pull. It is highest in food value, and yields phenomenally.

Our seed was procured from the originator in Denmark, where the variety has been awarded a first-class certificate by the Danish government. The Danish government has done much to improve the quality of farm and garden products, and their approval of a variety is evidence of its superiority. Sold only in sealed packages.

By mail, postpaid, pkt., 10c; 1/2 lb., 25c; lb., 40c. By express or freight, not prepaid, pkt., 10c; 1/2 lb., 20c; lb., 30c; 5 lbs., \$1.25; 10 lbs., \$2.25.

GOLDEN GIANT MANGEL

An excellent variety, of immense size and uniform shape. The flesh is light yellow, fine grained, and very rich. It is a good keeper, and produces wonderfully—forty to sixty tons per acre. Sold only in sealed packages.

Prices same as Danish Sludstrup.

ROYAL RED MANGEL

The roots are very large, uniformly straight, well formed and solid; tops small; color deep red. It produces immense bulk and tonnage, roots weighing twenty pounds being not uncommon. Sold only in sealed packages.

Prices same as Danish Sludstrup.

Giant Intermediate, or Gate Post Mangel

Intermediate between the long and globe-shaped varieties. The roots are large; neck small and short; flesh nearly white, sweet and tender. A big cropper.

By mail, postpaid, pkt., 10c; 1/2 lb., 20c; lb., 35c.

By express or freight, not prepaid, pkt., 10c; 1/2 lb., 15c; lb., 25c; 5 lbs., \$1.00; 10 lbs., \$1.75.

Klein Wanzleben Sugar Beet

The variety most generally grown for sugar. It gives good returns in ordinary soil, and is very rich in feeding qualities.

By mail, postpaid, pkt., 10c; 1/2 lb., 25c; lb., 40c.

By express or freight, not prepaid, pkt., 10c; 1/2 lb., 20c; lb., 30c; 5 lbs., \$1.50; 10 lbs., \$2.50.

HALF SUGAR MANGEL

Very sweet, succulent, and highly nutritious. The flesh is white, firm, crisp, and is greedily eaten by stock. It combines the size of the mangel with the great food value of the sugar beet. It is a heavy yielder, and the roots grow partly above ground, making harvesting easy. Sold only in sealed packages.

Prices same as Danish Sludstrup.

Yellow Globe Mangel

This variety is desirable only in shallow soils. The shape is globular; flesh yellow and white.

Prices same as Giant Intermediate.

Long Red Mangel

A large variety; producing immense crops. It grows much above ground, and is easy to harvest. The flesh is white shaded with red. Requires deep, loose soil.

Prices same as Giant Intermediate.

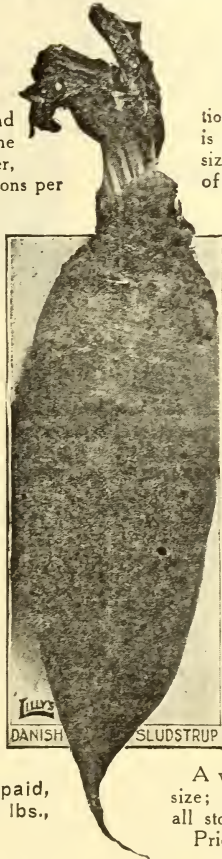
Golden Tankard Mangel

A well-known and popular stock beet. Large size; flesh yellow, nutritious, and well liked by all stock. It will grow in rather shallow soil.

Prices same as Giant Intermediate.

French White Sugar Beet

One of the best sugar beets, containing a large percentage of sugar. It is very nutritious, and is well liked by all stock.



LILLY'S CHOICEST ROSES

Two-Year-Old Plants—Field Grown

OUR COLLECTION of roses includes only such varieties as are most desirable and best suited to this locality. They are field grown plants, two years old, and are much superior to the rooted cuttings or pot-grown plants commonly furnished. Prices do not include postage.

SUNBURST

(Hybrid Tea)

A splendid new French rose, introduced in 1912, and taking highest honors at all European exhibitions. The buds are long and pointed; stems strong; flowers very large, full and well formed; color orange and copper.

Price \$1.00 each.

LADY HILLINGDON

(Tea)

A very striking and lovely new rose. The plant is luxuriant, with beautiful narrow foliage, and very productive. The buds are long, slender and pointed; the color is a beautiful deep apricot and chrome yellow.

Price \$1.00 each.

FRAU KARL DRUSCHKI

(Hybrid Perpetual)

The very highest type of its class, and the best snow-white rose that has ever been introduced. The plants are strong, branching freely, and with luxuriant foliage. The flowers are glorious, of immense size, very double, of the purest white when fully opened, and are produced in great profusion on long, stiff stems.

Price 35c each; \$3.00 per dozen.

ROSE QUEEN

(Hybrid Tea)

A fine new rose, the same shade of pink as Mad. Caroline Testout, but shaded yellow at base of petals. The buds are beautifully formed, intensely colored, and are borne on long stems. Particularly fine for cutting.

Price \$1.00 each.

Prince de Bulgaire

(Hybrid Tea)

A splendid rose, and constant bloomer. The plant is vigorous, with large, bright green foliage. The buds and flowers are large, full, and of beautiful form. The color is a delicate pink shading to salmon and yellow.

Price 35c each; \$3.00 per dozen

Dean Hole

(Hybrid Tea)

A grand new rose; awarded gold medal by the English Rose Society. The flowers are very large, full, and of fine form; color silvery carmine shaded salmon.

Price 35c each; \$3.00 per dozen

Winnie Davis

(Hybrid Tea)

A new rose of rare merit. The plant is strong, upright, healthy, and a profuse bloomer. The flower is of good size, and the buds extremely pretty and well formed. The color is a pretty apricot-pink.

Price 35c each; \$3.00 per dozen

Killarney

(Hybrid Tea)

This splendid Irish rose is considered by many to be the most beautiful of its class and color. The flowers are large, semi-double, of beautiful form, and the color is a shell pink of the most exquisite shade.

Price 25c each; \$2.50 per dozen.

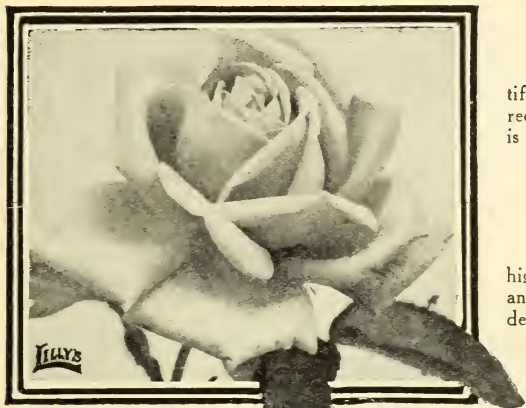
White Killarney

(Hybrid Tea)

A sport from Killarney, to which it is identical except in color, which is pure white except that in some soils and climates the edges of petals are tinged with pink.

Price 35c each; \$3.00 per dozen





Mrs. Kate Moulton

(Hybrid Tea)

One of the finest pink roses. The plant is strong, healthy, and a profuse bloomer; the buds are long and pointed; and the flowers are a beautiful clear pink with prettily reflexed petals tipped with white.

Price 25c each; \$2.50 per dozen.

General McArthur

(Hybrid Tea)

A splendid bright crimson-scarlet rose of good size and shape. The plant is vigorous, healthy, and very productive.

Price 25c each; \$2.50 per dozen.

Ulrich Brunner

(Hybrid Perpetual)

A magnificent rose, similar to American Beauty, but much superior for outdoor culture. Color, bright cherry-red; petals broad, round, and of good substance. The perfectly formed flowers are raised high above the foliage on long, strong stems.

Price 25c each; \$2.50 per dozen.

Hugh Dickson

(Hybrid Perpetual)

The plants are robust and free from mildew; the blooms large, full and of good form, richly fragrant, and of a pleasing, bright, clear red color.

Price 25c each; \$2.50 per dozen.

Madame Abel Chatenay

(Hybrid Tea)

A very beautiful rose of novel and distinct color, rich golden pink or rose, flushed with orange or fawn.

Price 25c each; \$2.50 per dozen.

Mrs. John Laing

(Hybrid Perpetual)

A beautiful and popular rose. The flowers are large and of fine form, produced on long, strong stems; color soft pink; very fragrant.

Price 25c each; \$2.50 per dozen.

LYON ROSE

(Hybrid Tea)

A superb new rose, magnificently formed and beautifully colored; shrimp-pink at edge of petals, coral-red at center, shaded with chrome-yellow. The plant is sturdy, and produces bountifully.

Price 35c each; \$3.00 per dozen.

My Maryland

(Hybrid Tea)

One of the new American roses which is proving highly popular. The plant is robust, clean in growth, and a prolific bloomer. The flowers are large, full, deliciously fragrant, and the color is a deep pink, not blended with any other shade.

Price 25c each; \$2.50 per dozen.

Belle Siebrecht

(Hybrid Tea)

A superb pink rose of recent introduction. The buds are long and pointed, with gracefully reflexed petals; flowers beautifully formed and sweetly perfumed; color rich solid pink.

Price 25c each; \$2.50 per dozen.

Madame Caroline Testout

(Hybrid Tea)

The most popular and most satisfactory rose grown in the Northwest. The plant is hardy, robust, and free from disease. The foliage is very large and dark green. The flowers are borne in great profusion, for a long season, on long, stiff stems. Both buds and blooms are large, distinct and pretty in form, with a brilliant satiny-pink color and a delicious fragrance.

Price 25c each; \$2.50 per dozen.

Climbing Caroline Testout

(Hybrid Tea)

A sport from the popular Madame Caroline Testout, producing the same beautiful clear pink flowers, and almost as profusely. It climbs vigorously, and is the best climber of its class and color.

Price 25c each; \$2.50 per dozen.

Papa Gontier

(Tea)

A strong, vigorous plant, and constant bloomer. The buds are very large and the flowers magnificent. The color is a vivid cherry-red, shaded yellow, with reverse of petals crimson.

Price 25c each; \$2.50 per dozen.

Gruss an Teplitz

(Hybrid Tea)

For intense and dazzling color, there is no other rose to compare with this. The flowers are produced in profusion during the entire growing season, are of good size and form, and the color is a rich fiery red shaded with a dark velvety sheen.

Price 25c each; \$2.50 per dozen.

These prices do not include postage. If roses are to be sent by mail, postage will be 5c each or 25c per dozen additional. We recommend that plants be shipped by express when possible, as we can pack them better, they reach destination in much better condition, and the cost is very little, if any, more. Parcel Post rates do not apply on plants or seeds.

General Jacqueminot

(Hybrid Perpetual)

The "Jack Rose" has long been the most popular hardy crimson rose, and is the standard of perfection in that color. The plant is strong and vigorous, and a profuse bloomer. The flowers are bright, shining crimson, rich and velvety.

Price 25c each; \$2.50 per dozen.

Madame Alfred Carriere

(Hybrid Noisette)

One of the best white climbers. The flowers are of good size, double, highly fragrant, and the color is a rich creamy white faintly tinged with blush and pale yellow.

Price 25c each; \$2.50 per dozen.

Bessie

Brown

(Hybrid Tea)

A prime new rose, very pleasing in form and color. The plant is of strong, upright growth, with good foliage, and a heavy bloomer. The flowers are very large, extremely full and double, and the color is white tinged with flesh.

Price 25c each; \$2.50 per dozen.

Richmond

One of the most valuable introductions of recent years, and the most satisfactory red rose in existence. The plant is sturdy and free flowering; the buds are beautifully formed; and the flowers are of good size, deep, not very full, and the form and color are splendid; beautiful crimson-scarlet; does not fade.

Price 25c each; \$2.50 per dozen.

Crimson Rambler

(Polyantha)

A strong and rapid climber, producing a great profusion of small crimson flowers in large pyramidal panicles.

Price 25c each; \$2.50 per dozen.

Kaiserin Augusta Victoria

(Hybrid Tea)

This grand white rose is unsurpassed in beauty. The large flowers are beautifully formed, with gracefully reflexed outer petals. The beautiful, long, pointed buds are slightly tinged with green, or sometimes pink, but the full-blown roses are a delicate, waxy, almost pure white.

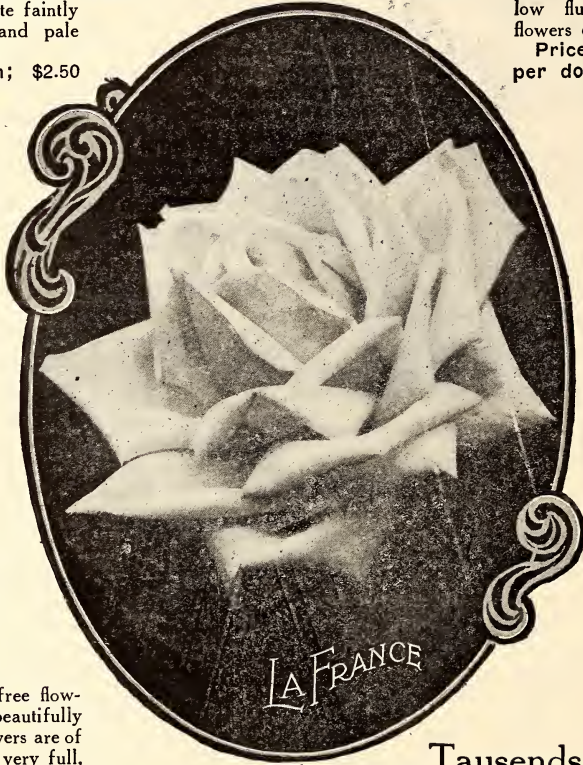
Price 25c each; \$2.50 per dozen.

Wm. Allen Richardson

(Noisette)

A very pretty climbing rose. Color coppery yellow flushed with carmine; flowers of good size.

Price 25c each; \$2.50 per dozen.



Marechal

Neil

(Noisette)

A splendid climbing rose. The flowers are large, globular, very full, highly scented, and the color is a beautiful deep sulphur-yellow.

Price 25c each; \$2.50 per dozen.

La France

(Hybrid Tea)

This has long been one of the most popular roses, and still has few equals. The buds and flowers are of lovely form, and the color is a beautiful shade of pink tinged with crimson.

Price 25c each; \$2.50 per dozen.

Tausendschon (Thousand Beauties)

(Polyantha)

A beautiful new climber, and by far the best of the rambles. The plant makes a wonderful growth, is literally covered with blooms for a long season, and the coloring is beautiful, showing a great variety of shades of pink.

Price 25c each; \$2.50 per dozen.

Prices do not include postage. If roses are to be sent by mail, postage will be 5c each, or 25c per dozen additional. Parcel Post rates do not apply on plant or seeds. We guarantee delivery of plants in good condition when shipped by express. If not in good condition on arrival, they should be returned to us at once. We cannot replace them after they have been planted. We do not guarantee delivery in good condition when shipped by freight or mail.

We cannot furnish Roses or Small Fruits before November 1st or after April 15th.



VEGETABLE PLANTS AND ROOTS

Tomato Plants

Fancy transplanted tomato plants, grown in flats. We can furnish only Puget Sound Special and Earliana plants, as they are best adapted to the Northwest. Season May 1st to June 30th.

Price 25c per dozen; \$1.50 per 100
Postage 10c per dozen additional.

Celery Plants

The early self-blanching varieties. Vilmorin's Paris Golden Yellow, Silver Plume, White Plume, and Golden Self Blanching. Season May 1st to July 31st.

Price 10c per dozen; 50c per 100; \$3.50 per 1,000. Postage 10c per dozen, or 25c per 100, additional.

Chives Plants

Large clumps; may be divided. Season Nov. 1st to May 15th.

Price 10c per clump; \$1.00 per doz. clumps.
Postage 5c per clump additional.

Rhubarb Roots

Strong field-grown roots, grown from seed. Season Nov. 1st to May 15th.

One-year-old Roots 5c each; 50c per dozen; \$3.00 per 100. Postage 5c each, or 25c per dozen, additional.

Two-year-old Roots 10c each; \$1.00 per dozen; \$6.00 per 100. Postage 5c each, or 50c per dozen, additional.

Cabbage Plants

Strong, sturdy plants of the following varieties: Early Jersey Wakefield, Lilly's Glory, All Seasons, Copenhagen Market, Danish Ballhead, and Premium Late Flat Dutch. Season March 1st to June 30th.

Price 10c per dozen; 50c per 100; \$2.50 per 1,000; \$20.00 per 10,000. Postage 5c per dozen, or 25c per 100, additional.

Cauliflower Plants

We can furnish only Early Alba and Snowball Cauliflower plants, as we consider them best for either market garden or family use. Season April 1st to June 30th.

Price 15c per dozen; \$1.00 per 100; \$7.50 per 1,000. Postage 5c per dozen, or 25c per 100, additional.

Asparagus Plants

Fine, hardy, field-grown roots of Columbia Mammoth and White Colossal. Season Nov. 1st to May 15th.

One-year-old plants 20c per dozen; 75c per 100; \$6.00 per 1,000. Postage 5c per dozen, or 25c per 100, additional.

Two-year-old plants 30c per dozen; \$2.00 per 100; \$12.50 per 1,000. Postage 15c per dozen, or 50c per 100, additional.

Horseradish Roots

Season Nov. 1st to May 15th.

Price 25c per dozen; \$1.50 per 100. Postage 15c per dozen additional.

If plants are wanted in larger quantities, please write for special prices.

BURBANK'S PHENOMENAL BERRY

ONE of Luther Burbank's greatest triumphs; the result of a cross between the California Dewberry and the Cuthbert Raspberry. It is different from any other berry except the Loganberry, which it closely resembles, but is larger, sweeter, has a smaller core, will make twice the amount of jelly, and the canes are stronger, more vigorous, and more productive. A half-dozen plants will produce all of this delicious fruit that an ordinary family can use.

20c each; \$2.00 dozen; \$12.50 per 100. Postage 5c each, or 25c per dozen additional.

Loganberry

A cross between the blackberry and raspberry, superior to either in size and flavor, and entirely different from any other berry except the Phenomenal.

15c each; \$1.50 dozen; \$10.00 per 100. Postage, 5c each, or 25c per doz., additional.



BLACKBERRIES

HIMALAYA GIANT

A remarkable berry, producing immense crops of exceedingly large, sweet, juicy berries, with a delicious aromatic flavor. The plant is a rampant grower, single canes often making a growth of fifty feet in one season. The berries are produced in immense clusters, beginning to ripen in July and continuing until winter. The original plants were brought from the Himalaya Mountains, where they have been grown for many centuries, and the severe climate has made them unusually hardy, enabling them to withstand extremes of cold, heat and drought.

Prices, 15c each; \$1.50 per dozen; \$10.00 per 100. If sent by mail, postage will be 5c each, or 25c per dozen additional.

NEW MAMMOTH

The Mammoth Blackberry is in a class by itself, and no other blackberry can be compared with it in size or flavor, berries two and one-half inches long being not uncommon. The fruit ripens three weeks earlier than the Evergreen.

Lucretia Dewberry

A trailing blackberry, the finest of its class. It bears profusely, fine, large, glossy black berries; rich, sweet and luscious.

GRAPES

Concord

The most popular black grape; flavor sweet and pleasant; bunches compact; very hardy.

Muscadine

The old reliable white grape; one of the most prolific and finest for home use.

Prices, 15c each; \$1.50 per dozen; \$10.00 per 100.

If sent by mail, postage will be 5c each, or 25c per dozen additional.

Delaware

A most desirable garden variety; berries small, violet red, very sweet and highly flavored.

Salem

A splendid coppery-red grape of good flavor and quality; quite hardy.

IMPROVED SUPERLATIVE RED RASPBERRY

THIS SPLENDID new raspberry was introduced by us in 1907, and has proved to be the very best red raspberry in cultivation. The berry is of immense size, very firm, with small, brittle seeds, a rich, soft crimson color, and a delicious aromatic flavor, less acid than others.

15c each; \$1.50 per dozen; \$10.00 per 100.

If sent by mail, postage 5c each or 25c per dozen.

Cuthbert Red Raspberry

A popular standard variety for market and home use. Produces an abundance of large, rich, deep crimson berries. Stands heat and sun well, and is a good shipper.

15c each; 75c per dozen; \$5.00 per 100.

If sent by mail, postage 5c each or 25c per dozen additional.

PLUM FARMER

BLACK RASPBERRY

A new variety, and the best black raspberry ever introduced. The plants are hardy, vigorous, and very productive. The berries are extra large, exceedingly early; thick meated and of exquisite flavor.

20c each; \$1.50 per dozen; \$10.00 per 100.

Postage 5c each or 25c per dozen additional.

PERFECTION CURRANT

This splendid new variety is the highest development in currants. The berries are a beautiful bright red, and both berries and bunches are very large. They are borne in great abundance, and are rich, mild, sub-acid, with plenty of pulp and few seeds; of better quality and flavor than any other currant.

Price, 20c each; \$2.00 per dozen; \$14.00 per 100. Postage 5c each, or 25c per dozen.

Red Cherry Currant

One of the very best varieties. A strong grower and good yielder of large red berries.

Black Victoria Currant

Similar to Victoria, except that it is larger, sweeter and almost jet black when ripe.

Price, 15c each; \$1.50 per dozen; \$8.00 per 100. Postage, 5c each, or 25c per dozen.

Victoria Currant

Medium sized, bright red fruit in long bunches; excellent quality; late.

White Grape Currant

The best white variety. Large; yellowish white. Very hardy and productive.

GOOSEBERRIES

Downing

A large, handsome berry of pale green color and excellent quality. A great favorite for home and market. The bush is vigorous, and free from mildew.

Oregon Champion

Very popular. Berries very large; pale green; very sweet; bush strong and prolific.

Price, 15c each; \$1.50 per dozen; \$8.00 per 100. Postage 5c each, or 25c per dozen.

Industry

Of English origin. Bears immense crops of large red berries. Very successful in this country.

Smith's Improved

Fruit large, pale green, thin skinned and sweet; a prolific yielder, and excellent for market or home use.

Parcel Post rates do not apply on plants. They are best shipped by express.



LILLY'S SEED POTATOES

True Strains of Varieties Adapted to the Northwest

	Price per pound in lots of		
	10 lbs.	50 lbs.	100 lbs.
BOVEE. Best of the early sorts, maturing before Early Rose, and more productive. Fine quality, pinkish color, and of uniform size .....	.04	.03½	.03
IRISH COBBLER. Extra early, pure white, of handsome appearance, splendid quality, and very productive .....	.04	.03½	.03
EARLIEST OF ALL. Extra early, white, and of the finest quality. Makes a vigorous, healthy growth, and is quite productive .....	.04	.03½	.03
EARLY PURITAN. Early and very productive. The tubers are of good size, oval, with smooth white skin. The flesh is white and of fine quality .....	.04	.03½	.03
BEAUTY OF HEBRON. An early potato resembling the Early Rose in every way except that it is nearly white .....	.04	.03½	.03
EARLY ROSE. The old standard early variety, and still good, provided pure seed is procured .....	.04	.03	.02½
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. It is rapidly supplanting the Burbank .....	.04	.03½	.03
NETTED GEM. One of the very best main crop potatoes. Rather long, smooth, and the light russet skin is finely netted. The flesh is very white, floury, and they bake quickly .....	.04	.03	.02½
GOLD COIN. A splendid main crop potato; very hardy; vigorous and most productive. It is oblong, with small eyes, and the skin is smooth with a light golden tint. The flesh is pure white, and cooks dry .....	.04	.03½	.03
BURBANK. A standard main crop variety .....	.04	.03	.02½

Jerusalem 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. Price, \$2.50 per 100 lbs.; less than sack lots, 4c per lb.



FERTILIZERS will double your crops.

THE MULFORD NITRO-GERM



Uninoculated

ALFALFA

Inoculated

WILL INCREASE
Your Crops of
ALFALFA,
CLOVER, VETCH,
BEANS, PEAS,
and Other Legumes;
and will
IMPROVE the SOIL

FAILEDURE to produce satisfactory crops of Clover, Alfalfa, Vetch, Peas, Beans and other legumes is more often attributable to lack of the necessary bacteria in the soil than merely to poor soil.

When these germs are present in sufficient numbers, small nodules form on the roots of leguminous plants, as shown in accompanying cut, and the nodules store up the nitrogen which is drawn from the air by the plant.

Without these germs a good crop is impossible, but, if they are lacking,

they may be introduced into the soil in two ways. Soil from a field which is bearing good crops of the desired legume may be distributed on the land at the rate of three hundred pounds or more per acre; but that is not always convenient; inoculated soil may be difficult to obtain, or must be hauled a long distance; it is a laborious operation, and there is danger of transferring noxious weed seeds.

An easier, cheaper, safer, and surer way is by inoculating the seed with The Mulford Nitro-Germ, which contains active nitrogen-fixing bacteria, and is used to treat or inoculate the seeds or soil at the time of planting legume crops. The bacteria in this product have all been proved by actual test to be active and vigorous. It is easily and quickly used; the directions which accompany each package are so complete and explicit that anyone can use it.

The legumes are among the most profitable crops that can be grown in the Northwest, furnishing high-grade food for cattle and other stock, and at the same time improving the soil. As is well known, the legumes have the power of drawing nitrogen from the air and distributing it in the soil. As nitrogen is the most expensive fertilizing ingredient when supplied in the form of commercial fertilizers, the plowing under of a leguminous crop is the cheapest manner of building up the soil, provided a good stand of these crops can be secured, which difficulty is easily and inexpensively overcome by using The Mulford Nitro-Germ.

A specific strain of bacteria is required for each variety of legume. We can furnish Nitro-Germ for the following legumes:

Alfalfa, Red Clover, White Clover, Sweet Clover (Bakharra), Alsike Clover, Field Peas, Common, or Spring Vetch, Hairy, or Winter Vetch, Garden Peas, Garden Beans, Sweet Peas.

Nitro-Germ for any one of these legumes would be of no benefit if applied to any other crop.

The Mulford Nitro-Germ is packed in hermetically sealed bottles, and, if not opened until ready to use, the bacteria will live and remain active almost indefinitely; but, to insure the best results, it should be used before the expiration of the time limit stamped on packages.

PRICES:

Garden size ($\frac{1}{4}$ acre), 50c; 1 acre size, \$2.00; 5 acre size, \$9.00; postpaid.

The 5-acre size is not carried in stock, and orders for that size should reach us at least ten days before the Nitro-Germ will be required for use.

If your soil is fertile, maintain it; if it is unfertile, build it up. The fertilizing problem is a vital one; study Lilly's Fertilizer Book and Crop Book.

LILLY'S COMMERCIAL FERTILIZERS

A Profitable Investment

COMMERCIAL FERTILIZERS, when correctly used, pay big interest on the investment. Fruit growers, market gardeners, and other specialists who make a science of their business, use these fertilizers in large and ever increasing quantities. They not only increase the quantity of crops, but are of even greater value for improving the quality. No soil is so fertile that it cannot be made to produce better crops. No soil is so fertile that it is inexhaustible; do not rob it.

Following is only a brief description of these fertilizers. If more information is desired, write for Lilly's Fertilizer Book and Lilly's Crop Book.



LILLY'S LAWN DRESSING

GUARANTEED ANALYSIS

Nitrogen 5%, Phosphoric Acid 8%, Potash 5%.

A complete fertilizer prepared especially for lawns, flower beds, roses, shrubbery, etc. It is practically odorless, easily applied, invisible after being applied, and it is free from weed seeds. An application of one hundred pounds of this fertilizer to each two thousand square feet of lawn will produce better results than a ton of manure, will not be offensive to the eyes and nostrils, and will not be tracked into the house on the feet.

Price, 25 lbs., 75c; 100 lbs., \$2.50; ton, \$44.00.

LILLY'S VEGETABLE FERTILIZER

GUARANTEED ANALYSIS

Nitrogen 3%, Phosphoric Acid 11%, Potash 5%.

This is a general fertilizer for the home garden. It contains the ingredients which will produce best results on all vegetable crops in the average garden soil. One-half ton per acre will be more beneficial than ten tons of manure.

Price, 25 lbs., 75c; 100 lbs., \$2.25; ton, \$40.00.

LILLY'S POTATO FERTILIZER

GUARANTEED ANALYSIS

Nitrogen 3%, Phosphoric Acid 6%, Potash 11%.

Contains a large percentage of potash and a small percentage of nitrogen, making it suitable for potatoes, beets, mangels, turnips, and other root crops; developing large roots of fine quality, without excessive growth of tops.

Price, 25 lbs., 75c; 100 lbs., \$2.25; ton, \$42.00.



LILLY'S FRUIT AND HOP FERTILIZER

GUARANTEED ANALYSIS

Nitrogen 4%, Phosphoric Acid 8%, Potash 9%.

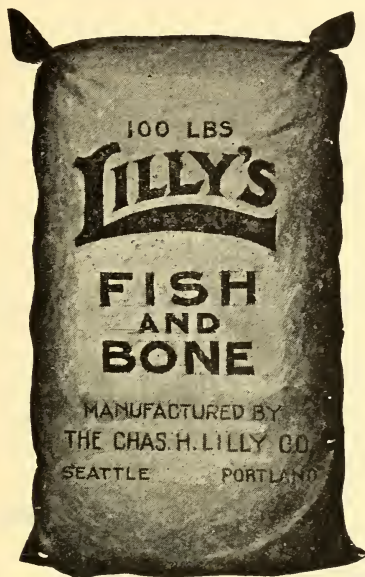
Contains the correct ingredients for apples, cherries, blackberries, raspberries, strawberries, and all other fruit in the country west of the Cascade Mountains. In addition to increasing the quantity of fruit, it greatly improves the quality, making it better color, more firm, less liable to injury by insects, and making it stand shipping better.

Price, 25 lbs., 75c; 100 lbs., \$2.40; ton, \$44.00.



Prices shown in this catalog are subject to change. Current Price List will be mailed on request.

Write for special prices and freight rates on fertilizers in carload lots. If you require fertilizers in large quantities, but in less than carload lots, please advise articles and quantities wanted, and we may be able to make attractive delivered prices by shipping with a carload.



Nitrate of Soda

A quick-acting fertilizer, producing wonderful results almost immediately; generally used as a top-dressing. Guaranteed analysis, 13% Nitrogen.

100 lbs., \$3.50; 200 lbs., \$6.00; ton, \$60.00.

Nitrate of Lime

Another nitrogenous fertilizer, used the same as Nitrate of Soda, and producing the same results. Guaranteed analysis, 13% Nitrogen.

100 lbs., \$3.00; 224 lbs., \$6.30; ton, \$56.00.

Sulphate of Potash

The highest grade Potash Fertilizer; free from chlorides. Guaranteed analysis, 50% Potash.

100 lbs., \$3.75; 225 lbs., \$7.35; ton, \$65.00.

Muriate of Potash

Similar to Sulphate of Potash, but containing chlorides, making it less useful for some crops. Guaranteed analysis, 50% Potash.

100 lbs., \$3.50; 225 lbs., \$6.55; ton, \$58.00.

Double Manure Salts

A cheaper grade of Potash Salts, containing chlorides. Guaranteed analysis, 20% Potash.

100 lbs., \$2.50; 225 lbs., \$5.00; ton, \$44.00.

Kainit

Crude Potash Salts, containing large proportions of chlorides; especially valuable for celery and asparagus. Guaranteed analysis, 12% Potash.

100 lbs., \$1.50; 225 lbs., \$2.50; ton, \$22.00.

Ground Lime-Rock

This is not a fertilizer, but is used for sweetening sour soil, and is superior to burnt lime for that purpose.

200-lb. sack, \$1.50; ton, \$10.00.

LILLY'S

FISH AND BONE FERTILIZER

GUARANTEED ANALYSIS

Nitrogen 4.2%, Phosphoric Acid 11%, Potash 2%.

A well balanced complete fertilizer for orchards, small fruits, melons, tomatoes, etc., east of the Cascade Mountains.

This fertilizer has produced wonderful results in improved quality and color of apples; described in a circular which we will mail to you if you wish it.

Price, \$2.50 per 100 lbs.; \$44.00 per ton; f.o. b. Seattle.

Write for special prices f. o. b. your railroad station.

LILLY'S

CONCENTRATED FERTILIZER

GUARANTEED ANALYSIS

Nitrogen 2%, Phosphoric Acid 6%, Potash 4%.

A complete fertilizer prepared especially for those who require only a small amount of fertilizer for general purposes, such as vegetable garden, flower garden, roses, shrubbery, house plants, or lawn.

Price, 5-lb. package, 25c; 25-lb. bag, \$1.00.

Superphosphate

Guaranteed analysis, 17% Phosphoric Acid, in quickly available form; not so lasting as Bone Meal, but valuable for some purposes.

100 lbs., \$1.75; 125 lbs., \$2.00; ton, \$30.00.

Bone Meal

For most purposes the best and cheapest form of Phosphoric Acid; slow in action, and no waste. Guaranteed analysis, Nitrogen 3%, Phosphoric Acid 12 to 20%.

100 lbs., \$2.25; ton, \$40.00.

Ground Raw Phosphate Rock

Recommended by many fertilizer manufacturers as being the most economical form of Phosphoric Acid.

100 lbs., \$1.25; ton, \$20.00.

Blood and Bone

A quick-acting animal fertilizer, valuable for some purposes. Guaranteed analysis, Nitrogen 4%, Phosphoric Acid 12%.

100 lbs., \$2.00; ton, \$34.00.

Fish Guano

Will produce a large growth of leaves; made from salmon scrap. Guaranteed analysis, Nitrogen 8%, Phos. Acid 8%.

100 lbs., \$2.65; ton, \$49.00.

Pulverized Sheep Manure

Pure sheep manure, dried, pulverized, and screened. A valuable fertilizer.

5½ lbs., 25c; 100 lbs., \$1.25; ton, \$20.00.

Land Plaster, or Gypsum

Not really a fertilizer, but it causes a chemical change which is very beneficial to clover, alfalfa, and other legumes.

100 lbs., \$1.00; ton, \$12.50.

IRON AGE FARM AND GARDEN IMPLEMENTS

More and Better Work with Less Labor

COMBINED HILL AND DRILL SEEDER DOUBLE AND SINGLE WHEEL HOE



No. 6.

sown in either hills or drills, covered and rolled; the plants may be hoed, cultivated, raked or ridged, either astride or between the rows. If unable to purchase a complete equipment at the outset, one of the lesser combinations may be purchased and additional attachments added at any time.

No. 6. DOUBLE AND SINGLS WHEEL HOE, HILL AND DRILL SEEDER. Complete, as shown in above cut.....Price, \$14.50

No. 7. HILL AND DRILL SEEDER. The same as No. 6 without Cultivating attachments. Those attachments may be added at any time, per list on next page.....Price, \$11.00

No. 14. HILL AND DRILL SEEDER WITH HOES AND TEETH. The same as No. 6 without plows or rakes \$12.80

No. 4. DOUBLE AND SINGLE WHEEL HOE AND DRILL SEEDER. The Seeder sows in drills only. Equipped with Hoes, Plows, Cultivator Teeth, and Rakes, the same as No. 6. \$13.35

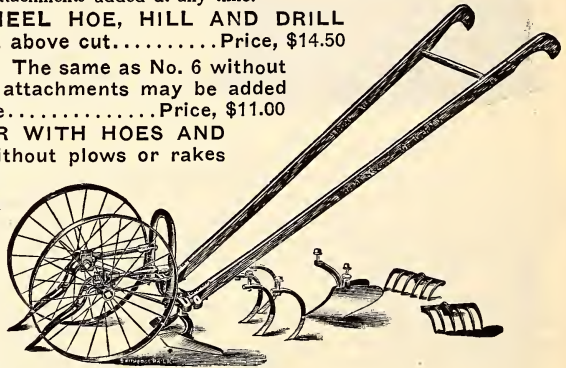
No. 5. DRILL SEEDER. Drill Seeder only. The same as No. 4 without cultivator attachment \$9.95

No. 40. DRILL SEEDER AND DOUBLE AND SINGLE WHEEL HOE. The same as No. 5 with Side Hoes.....\$11.70

No. 1. DOUBLE AND SINGLE WHEEL HOE. With Hoes, Cultivator Teeth, Plows and Rakes. The same as No. 6 and No. 4 without seeder \$8.65

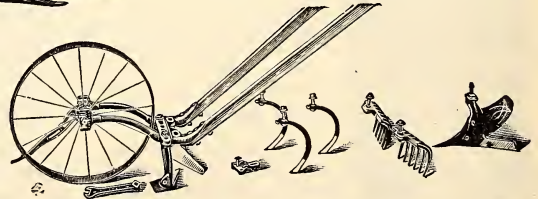
No. 3. DOUBLE AND SINGLE WHEEL HOE. The same as No. 1 with Hoes only.....\$5.45

No. 13. DOUBLE AND SINGLE WHEEL HOE. With Hoes and Cultivator Teeth. Same as No. 1 without plows or rakes..... \$6.85



COMBINED HILL AND DRILL SEEDER SINGLE WHEEL HOE

No. 15. SINGLE WHEEL HOE, HILL AND DRILL SEEDER. Sows seed either in drills or in hills. Equipped with Hoes, Rakes, Cultivator Teeth and Land side Plow, as shown in above cut..... \$13.25



We will mail you the IRON AGE Catalog if you wish it.

- No. 16. HILL AND DRILL SEEDER. The same as No. 15 without cultivator....\$10.25
- No. 17. SINGLE WHEEL HOE AND DRILL SEEDER. Sows in drills only. Cultivator equipment the same as No. 15.....\$12.00
- No. 18. DRILL SEEDER. Drill Seeder only. The same as No. 17 without cultivator attachments. Weight, 39 lbs.....\$9.15
- No. 20. SINGLE WHEEL HOE. Same as No. 17 without seeder. Weight 28 lbs.....\$7.30
- No. 21. SINGLE WHEEL HOE. Same as No. 20 with Side Hoes only. Weight, 23 lbs.....\$4.85

No. 22. COMBINED FERTILIZER DISTRIBUTOR HILL & DRILL SEEDER

This implement sows seed accurately, either in hills or drills, and at the same time distributes fertilizer either in line with the seed or at side of the drill. Neither the drill or fertilizer distributor are interchangeable with the other implements, and no cultivating attachments can be used with this implement. Weight 65 lbs. No. 22. Price, \$20.50

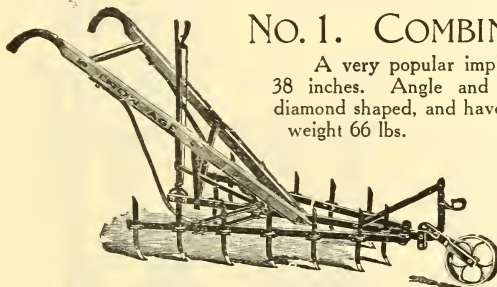
No. 23. FERTILIZER DISTRIBUTOR. Hill and Drill Seeder Attachment. Fig. 398 may be attached to this, making it a No. 22. Weight, 40 lbs.....\$15.00



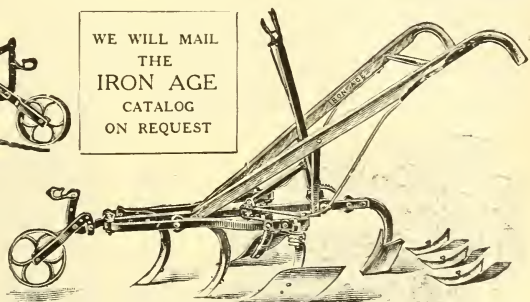
No. 22

No. 1. COMBINED HARROW & CULTIVATOR

A very popular implement. The width is adjustable from 11 inches to 38 inches. Angle and depth are also adjustable. The teeth are steel, diamond shaped, and have small cultivator points forged on one end. Shipping weight 66 lbs. Price, \$5.20



WE WILL MAIL THE IRON AGE CATALOG ON REQUEST

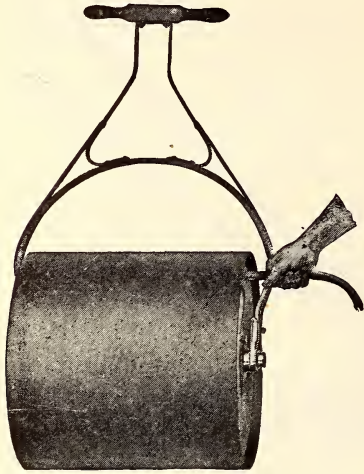


No. 6. HORSE HOE AND CULTIVATOR

This implement is adjustable to many forms and uses, and is almost indispensable to the market gardener and farmer. It is simple, strong, compact, light, and the material is of the best. The width and depth may be regulated instantly, while in motion. Weight 83 lbs. Price, \$8.75

Attachments for IRON AGE Implements

- | | |
|---|--|
| Fig. 133. DRILL SEEDER. May be used with either the Single Wheel or Double Wheel Hoe frame.....\$5.00 | Fig. 33. ONION SET GATHERER... .95 |
| Fig. 134. HILL AND DRILL SEEDER. May be used with either the Single Wheel or Double Wheel Hoe frame.....\$6.00 | Fig. 236. HILLING ATTACHMENT... 1.40 |
| Fig. 184. FERTILIZER DISTRIBUTOR. May be used on the Single Wheel Hoe frame. Cannot be attached with the seeder. \$5.40 | Fig. 84. WEEDER ATTACHMENT... .95 |
| Fig. 170. DOUBLE MOULDBOARD PLOW.....\$1.60 | Fig. 81. DOUBLE WEEDER ATTACHMENT..... 1.25 |
| Fig. 112. CENTER TOOTH ATTACHMENT..... .65 | Fig. 169. DISC AND FENDER ATTACHMENT..... 1.25 |
| Fig. 216. SPECIAL FENDER SIDE HOES..... 1.60 | Fig. 82. LANDSIDE PLOW.....\$1.05 |
| | Fig. 369. DISC CULTIVATOR..... 2.35 |
| | C-26. LEFT HAND PLOW..... .50 |
| | C-30. RIGHT HAND PLOW..... .50 |
| | C-29. RAKE..... .50 |
| | 30-A. CULTIVATOR TOOTH..... .20 |
| | C-19. RIGHT HAND SIDE HOE..... .50 |
| | C-20. LEFT HAND SIDE HOE..... .50 |



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.

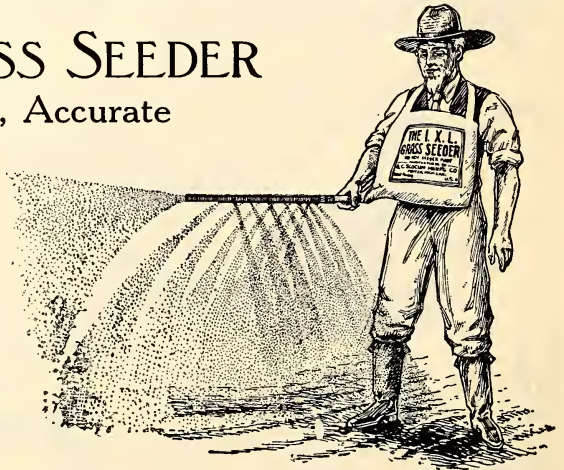
No.	Diameter, Inches	Length, Inches	Sections	Weight Empty	Filled Water	Filled Sand	Price
3	14	20	1	60	200	300	\$10.00
5	18	24	1	75	300	500	13.00
7	24	24	1	125	500	800	17.00
11	18	24	2	100	300	500	18.00

I. X. L. GRASS SEEDER

Light, Simple, Accurate

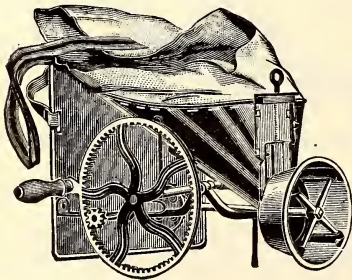
Although the price is low, this seeder is entirely practical, and sows seed accurately, evenly, and rapidly. It is very light, weighing less than one pound, and is well made of the best material. It can be regulated to sow any amount from one pint to ten quarts per acre, and will sow a strip from 45 to 60 feet wide each round.

Write for circular. Price, \$1.00.



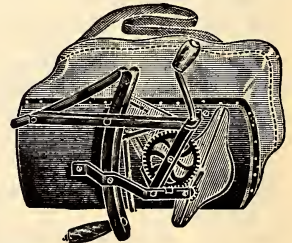
Cahoon Broadcast Seeder

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. Weight, 6 lbs. Price, \$3.50.



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 3½ 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.

MASTER'S PLANT SETTER

ONE MAN with one of these plant setters will set, fertilize, and water more plants than three men can set by hand, and will do it easily, without stooping. Every plant is well set and securely rooted by absorption, nature's way, so that it has a chance to grow. The machine is durably constructed, and is entirely practical. Shipping weight 5 lbs. 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. Weight 4 lbs. Price \$1.25.

Acme Hand Potato Planter

This planter works on the same principle as the Eureka, but has no tube, and the planter must be raised and the seed dropped into the hopper. Weight 3 lbs. 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-handed planter; light, durable, well made, and accurate. It plants corn, beans, peas and similar seeds, and does not crack the seed. Shipping weight 5 lbs. Price \$1.00.

Hot-Bed Thermometer

To be inserted in the earth in hot-bed or mushroom bed. Encased in wood, with brass point. Weight 3 oz.

No. 1068.

Price 90c.

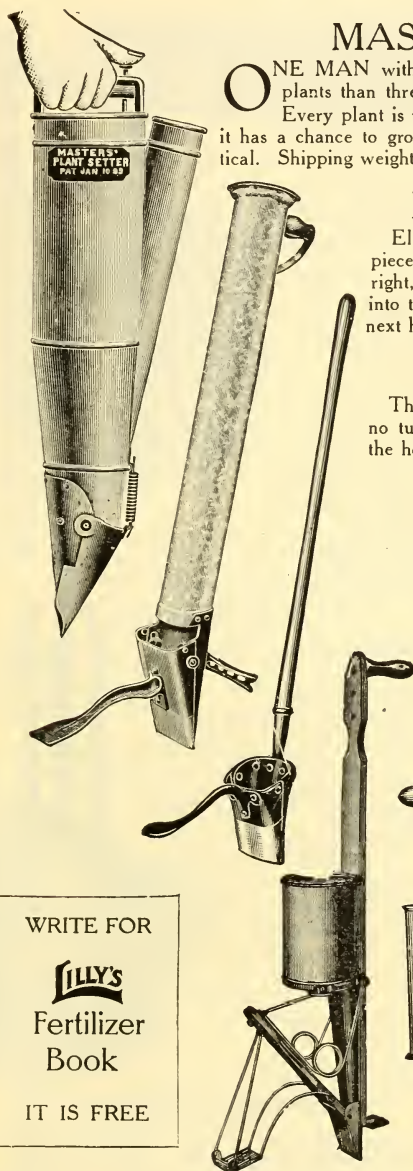
Self-Registering Thermometer

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. Weight 7 oz.

No. 1067.

Price \$2.00.

For Incubator and Brooder Thermometers, see Lilly's Poultry Supply Catalog.



WRITE FOR



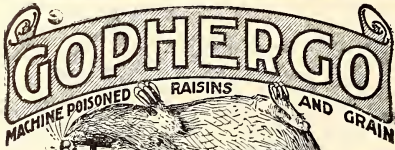
Fertilizer Book

IT IS FREE

Neponset Flower Pots

Made of heavy waxed paper. Splendid for shipping plants. Unbreakable, light, and economical. Write for samples.

Size.	Weight per 1000	Price 1000	100
2¼ inch	15 lbs.	\$3.00	\$0.40
2½ inch	18 lbs.	3.50	.50
3 inch	28 lbs.	5.50	.75
4 inch	58 lbs.	10.00	1.25



SURE DEATH TO GOPHERS, SQUIRRELS, PRAIRIE DOGS, RABBITS, RATS AND MICE.

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; \$1.00, and \$2.50.



Official Rat Trap

Rats nibble upward; hence, other traps often fail to catch. This is released by either upward or downward pressure, and is sure to catch.

Price, 25c each; \$2.00 per dozen; postpaid.

Official Mouse Trap

The same as the Official Rat Trap, except that it is smaller.

Price, 10c each; \$1.00 per dozen; postpaid.

Reddick Mole Trap

The simplest, safest, strongest, and surest. It is set by simply pulling up the plunger rod. Made of heavy cold rolled steel, galvanized. Weight 2 1/2 lbs.

Price, 75c

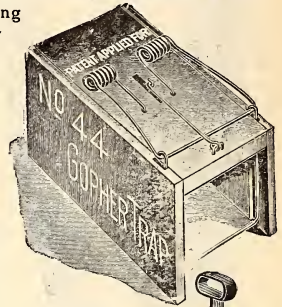
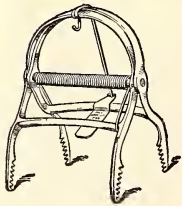
Out o' Sight Mole Trap

Neat and effective. No mole can pass under it and live. Weight 1 1/2 lbs.

Price, 75c.

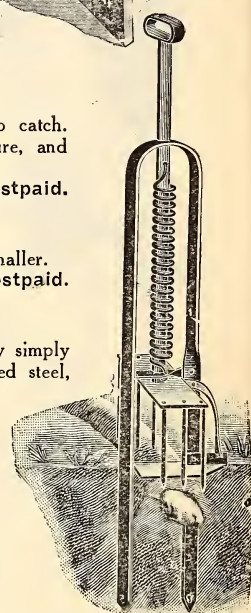
Raffia

Natural color, for nursery work or for making baskets. Price, 25c per lb.; 10 lbs. or more, 18c per lb.; bale (about 225 lbs.), 12c per lb.



No. 44 Gopher Trap

A box and spring arrangement. Catches them every time. Weight 1 lb. 25c each; \$2.50 dozen.



Tree Labels

	Weight per 100	Price	1000
Wood, painted.	6 oz.	\$.15	\$.80
3 1/2 inch. Notched	6 oz.	\$.15	\$.80
3 1/2 inch. Copper wired	7 oz.	.25	1.30

Pot Labels

	Weight per 100	Price	1000
Wood, painted.	5 oz.	\$.10	\$.85
4 inch	6 oz.	.15	1.00
5 inch	8 oz.	.20	1.25
6 inch	16 oz.	.65	3.25

Grafting Wax

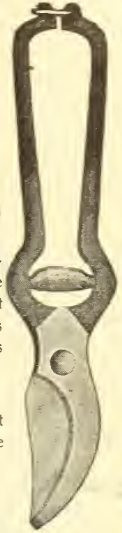
Our own make; very superior. Packed in pound and half-pound packages only. Price, half-pound, 15c; pound, 25c.

Garden Stakes

	Weight per 100	Price	1000
Wood, painted.	2 1/2 lbs.	\$.80	\$7.50
12x1 1/8 inches	2 1/2 lbs.	\$.80	\$7.50

Bamboo Plant Stakes

Six feet long. Cannot be mailed. Weight 12 lbs. per 100. 25c doz.; 75c per 100; \$6.00 per 1000.



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.

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 wormmanship 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.

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 $8\frac{1}{4}$ inches. Black filled handles; polished blades. Price 80c.

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.

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.



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.

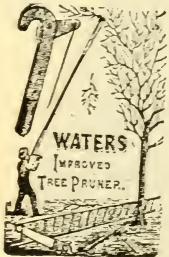
WATER'S TREE PRUNERS

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. 1 ANGLE

IDEAL SPRAY OUTFIT



THIS OUTFIT is light, compact, easy to operate, and may be handled in small space. The tank holds fifteen gallons, and is mounted in such a way that it will not slop or spill.

It has the largest air chamber of any spray pump of similar size, enabling the operator to keep a uniform pressure at the nozzle. A pressure of 150 lbs. is easily maintained. The pump barrel is $1\frac{3}{4}$ inches in diameter, and 7 inches long. The plunger is made of brass, and is self-oiling. The packing is cotton wick, which resists action of chemicals, and may be tightened without removing from the pump. The valves are bronze balls $\frac{5}{8}$ of an inch in diameter, which allows free passage of the liquids, and prevents clogging. Both valves are removable.

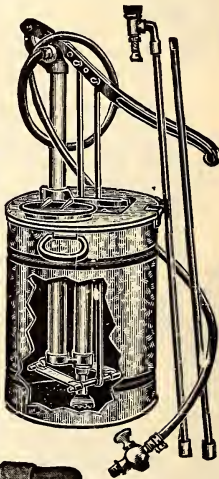
The outfit includes the following equipment: 10 feet $\frac{3}{8}$ inch Pressure Hose; 8 feet Pipe Extension in two pieces; 1 Ideal Nozzle; 1 Brass Shut-off Cock. Shipping weight 60 lbs. Price, \$20.00

Auto-Spray Whitewash Sprayer

Especially for whitewashing, but equally valuable for any other kind of spraying, and is the best general purpose small sprayer on the market. The heavy galvanized steel tank holds eight gallons of solution.

The pump is made of heavy brass, and is very powerful.

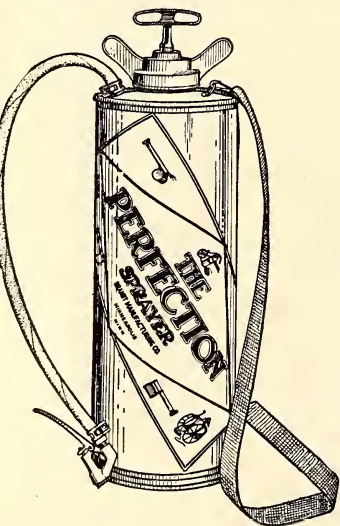
Price, complete with 8-ft. Spray Hose, Extension, Stop Cock and Perpetual Nozzle. \$12.50.



Perfection Sprayer

A compressed air sprayer without the faults so common in many knapsack sprayers. It is extra strong and well-made. The galvanized steel tank holds three gallons of solution.

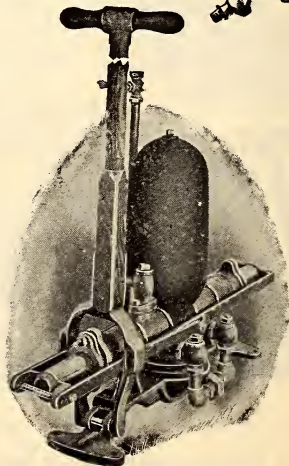
It will spray Whitewash, Water Paints, Bordeaux Mixture, etc. Weight, empty, 9 lbs. Price, \$5.00



AUTO-SPRAY ORCHARD SPRAYER

We are over-stocked with this large capacity hand-power orchard sprayer, and to reduce our stock are offering them at greatly reduced prices. It is a horizontal pump, with vertical handle and two cylinders, with extra long stroke, and is equaled in capacity by only the large power sprayers. It easily develops 100 to 120 lbs. constant pressure, and will supply two leads of hose with four nozzles each if desired. If interested, write for further particulars.

- 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



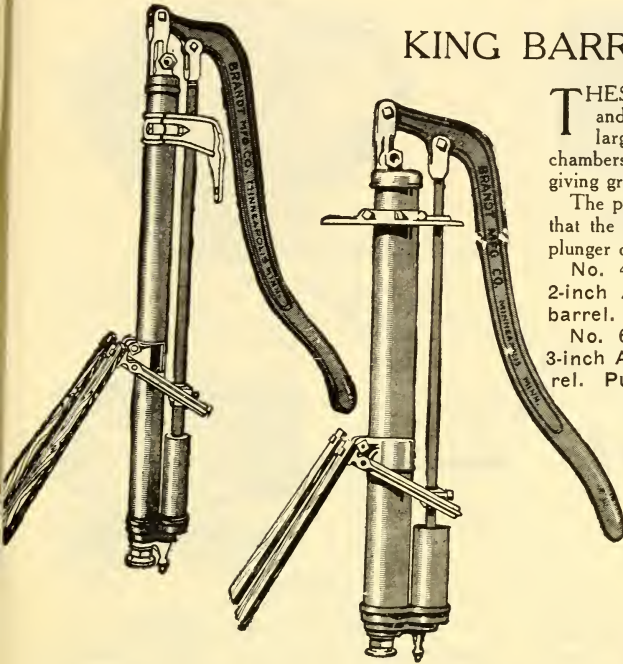
KING BARREL PUMPS

THESE SPRAY PUMPS have great capacity, and are designed for spraying orchards and large trees. They have extremely large air chambers, insuring uniform pressure; large cylinders, giving great capacity; and removable ball valves.

The plungers are self-oiling, and are so constructed that the packing may be tightened without taking the plunger out of the cylinder.

No. 4 KING PUMP. 1 3/4-inch Cylinder; 2-inch Air Chamber. Fastens to chimes of barrel. Pump only. \$7.50.

No. 6 KING PUMP. 2 1/2-inch Cylinder; 3-inch Air Chamber. Fastens to head of barrel. Pump only. \$12.50.

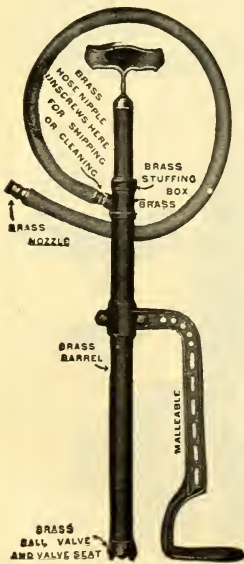
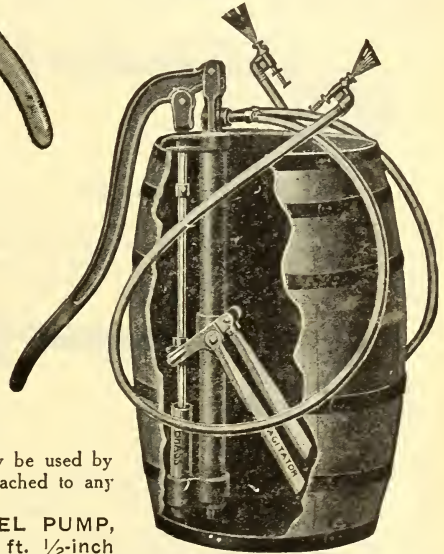


YANKEE BARREL PUMP

A POWERFUL spray pump for spraying orchards, vineyards, small fruits, potatoes, etc., and for white-washing. The cylinder is made of heavy brass, and all valves and valve seats are made of brass ground together, so that all parts are absolutely air tight, and will not corrode

or rust. Two leads of hose may be used by attaching a "Y." It may be attached to any tight barrel.

No. 25 YANKEE BARREL PUMP, complete with Agitator, 5 ft. 1/2-inch 3-ply Hose, and Demorel Nozzle, without barrel\$8.00



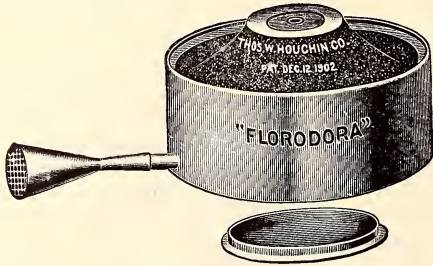
Modoc Spray Pump

Especially adapted for spraying whitewash, but equally useful for washing wagons and windows, and spraying trees, shrubbery, etc. It is made entirely of brass, except the handle and stirrup, which are malleable iron. The air chamber is large, enabling the operator to keep a constant pressure of 50 to 100 lbs. with very little exertion. It will fit any bucket. Furnished with two nozzles, producing different sizes of spray. Price, \$3.00



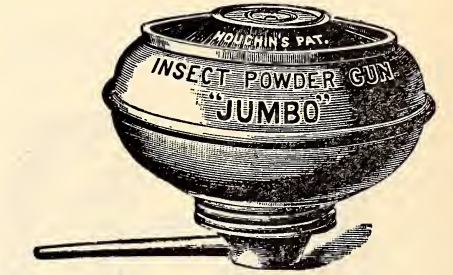
Little Giant Bucket Pump

A splendid bucket pump for any kind of spraying except whitewashing. Made of brass, not affected by spraying chemicals. Produces a continuous spray or throws a solid stream fifty feet. Furnished with two brass nozzles. Price, \$2.50



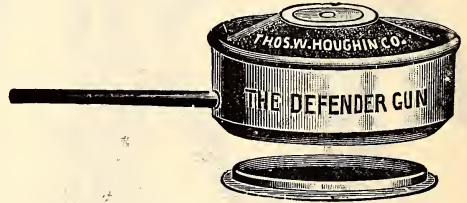
Florodora Insect Powder Gun

Extra large; holds one-half pound of powder. Especially adapted to spraying plants, shrubby and animals of all kinds. Price, 35c; postpaid.



Jumbo Insect Powder Gun

Large. Holds 1/4 lb. of powder. Price, 25c; postpaid.



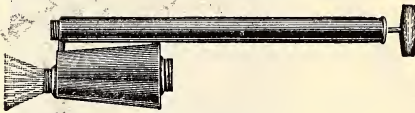
Defender Insect Powder Gun

Small. Gold lacquered tin. Large opening for powder. Price, 10c; postpaid.



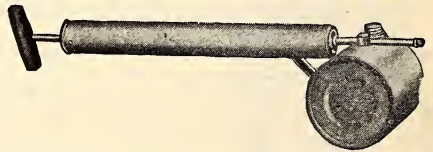
Holly Sprayers

A single tube tin sprayer for applying Lice Killer and Fly Killer, and for applying any kind of liquid spray to roses, shrubby, flowers, vegetables or animals. Price, 40c; postpaid.



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.



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;

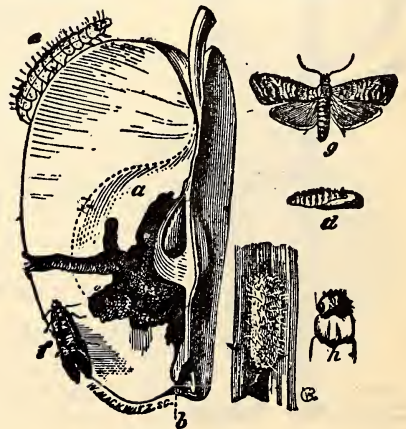
LILLY'S SPRAY BOOK

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.



Jasmin Spray Controller

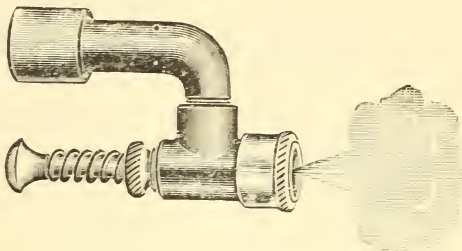
An ingenious contrivance for controlling the flow of liquid through any extension pipe. The operator does not have to take his eyes off his work. A quarter turn of the handle shuts off the flow.

1.50



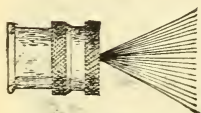
**JASMIN
SPRAY CONTROLLER**

PAT APPLIED FOR



Vermorel Nozzle

- No. 26. 1 Point, \$1.00. Postage 5c
- No. 27. 2 Point, \$1.25. Postage 10c
- No. 28. 4 Point, \$2.00. Postage 15c



Plain Nozzle

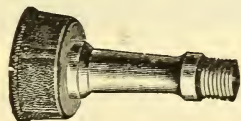
The simplest and most compact. Produces a fine spray.
No. 306 50c, postpaid

Stop Cock



Fits one-half-inch hose and any standard nozzle or extension rod.
No. 964 50c. Postage 5c

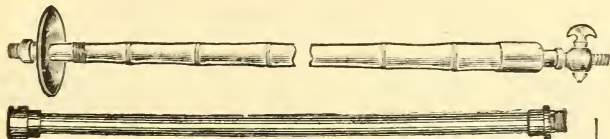
Hose and Nozzle Coupling



For connecting three-quarter-inch hose and any standard nozzle or extension.
No. 966 40c. Postage 5c

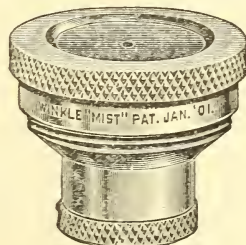


For connecting one-half-inch hose and nozzle or extension.
No. 749 30c. Postage 5c



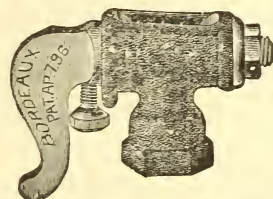
Extension Rods

- No. 29. Bamboo Extension. Eight to ten feet long; lined with brass; with stop-cock \$3.00
- No. 306. 2-ft. Brass Extension. Any number may be screwed together, making any length desired Postage 5c
- No. 104. 3-ft. Brass Extension 60c. Postage 5c
- No. 34. Lowell 2-ft. Extension. For Lowell Compressed Air Sprayer only 80c. Postage 10c
- No. 33. Lowell Curved Extension. For Lowell Compressed Air Sprayer only \$1.00. Postage 10c



The Winkle Mist Spray Nozzle

Light, strong and has no projecting parts to catch on limbs. Made in two styles, straight like cut, and with curved neck.
No. 107. Straight 75c. Postage 5c
No. 108. Angle Neck 75c. Postage 5c



Bordeaux Nozzle

The best for spraying Bordeaux Mixture or Whitewash. Makes a flat spray or a solid round stream.
No. 965 50c. Postage 5c

Spray Hose

- 1/2 inch, 5-ply 15c per foot
 - 1/2 inch, 7-ply 18c per foot
 - 3/4 inch, 5-ply 18c per foot
 - 3/4 inch, 7-ply 20c per foot
- Above is for fifty-foot lengths. In less than fifty-foot lengths, 25c per pair additional for couplings.



NIAGARA BRAND SOLUBLE SULPHUR COMPOUND

The Sulphur Spray of Today

SOLUBLE SULPHUR COMPOUND is not something new or untried; it is the old standard Lime and Sulphur Solution in a better form, without the lime and without the water. As is well known, the lime in Lime and Sulphur Solution is useful only to dissolve the sulphur, hold it in solution, and make it available; the sulphur is the valuable part of the spray. Lime has been used only because there was no other practical way of applying the sulphur.

It has been necessary to make Lime and Sulphur Solution in liquid form because there was no way of making it in dry form. It was necessary to pay freight charges on the water, and handle the extra weight and bulk, and in an inconvenient liquid form, for there was no better way.

Soluble Sulphur Compound eliminates these evils. The sulphur is made soluble without the use of lime, it is in the most convenient form to handle, and there is no water to pay freight charges on. To make a barrel of winter spray it is only necessary to place ten pounds of the powder in a barrel of water and stir it for a few minutes.

There is no doubt about the efficiency of Soluble Sulphur Compound. All orchardists know the value of Lime and Sulphur Solution; Soluble Sulphur is used for the same purposes, and has the same or greater value. The sulphur is in the same chemical form as the sulphur in Lime and Sulphur Solution, and, being freed from the lime, possesses a higher power as an insecticide and fungicide.

Write for our circular containing testimonials of experiment stations and orchardists.

PRICES:

100-lb. case (2 50-lb. cans).....	\$7.50 each	10-lb. can	\$1.25 each
50-lb. can	4.00 each	5-lb. can .....	.75 each
25-lb. can	2.50 each	1-lb. can .....	.20 each

F. O. B. Seattle or Portland.

Write for special prices on large quantities delivered at your railroad station.



Soluble Sulphur Compound used as a winter spray at the rate of 10 lbs. to 50 gallons of water equals in value 33 degree Lime and Sulphur Solution diluted at the rate of one to eight. 100 lbs. of Soluble Sulphur will make 14% more spray than a 50-gallon barrel of Lime and Sulphur Solution, it is less expensive, freight charges are less, it is more convenient, and it is more effectual.

LILLY'S LIME AND SULPHUR SOLUTION

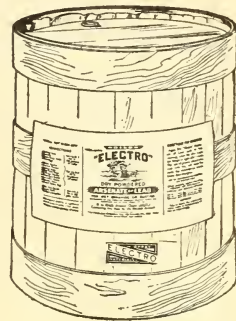
Best of the Old Style Sulphur Sprays

LILLY'S LIME AND SULPHUR SOLUTION has been used by the orchardists of the Northwest for many years, and is standard. It is a clear, cherry-red solution, free from sediment, and is guaranteed to be as highly concentrated as it is

possible to make a lime and sulphur solution which will remain in solution. It tests 33 degrees Baume.

For winter or early spring spraying, before buds open, it is used at the rate of one gallon of solution to eleven gallons of water. For summer spraying it is diluted with about twenty-eight parts water.

Prices: Gallon, 50c; five gallons, \$1.75; barrel (about 50 gallons), \$9.00.



ELECTRO POWDERED ARSENATE of LEAD

HIGHEST IN STICKING POWER
HIGHEST IN KILLING POWER

ELECTRO POWDERED ARSENATE OF LEAD is manufactured by a process owned and controlled exclusively by The Vreeland Chemical Co., and it is the only successful dry Arsenate of Lead because it is the only one in non-crystalline form. It is in a form that will stick the longest, much longer than that in a granular form, and it will not wash off, even when subjected to heavy rains.

It is the strongest, as well as the safest to use. By a special process, which no other manufacturer can employ, there is combined properly with the lead $32\frac{1}{2}$ to $33\frac{1}{2}$ % of arsenic oxide, with less than one-half of one per cent of free arsenic oxide. Arsenic oxide is the killing power, while free arsenic oxide will kill the foliage if in excess. This gives a killing strength more than 100% greater than that of any other brands, and consequently less Electro Powdered Arsenate of Lead is required to do the work.

Electro Powdered Arsenate of Lead has several distinct advantages, among which are the following:

You do not pay for 40 to 60% of water which all paste forms contain, neither do you have to pay freight charges on the water.

It is an impalpable powder, hence there is a greater and more even distribution over the foliage,



with no clogging of nozzles, since it does not lump. Every particle is of value.

It is indestructible; age does not impair its value. Everyone familiar with spraying knows the annoyance of using old pastes, and that the lumps that remain in the tank are useless.

It can be used either as a wet spray or as a dust spray.

The fineness of the powder and the increased strength makes action quicker.

It has wonderful adhesive power, rains do not wash it off readily, and it will be effective for months.

It mixes instantly with water.

It is the most effective, the easiest to use, and the most economical.

PRICES

1-lb. Carton	.....	\$0.50
6-lb. Kit	.....	2.10
10-lb. Drum	.....	3.00
25-lb. Drum	.....	6.75
50-lb. Drum	.....	13.00
100-lb. Drum	.....	24.00
300-lb. Barrel	.....	72.00

Full instructions accompany each package.

ELECTRO BORDO-PULP

ELECTRO BORDO-PULP is Bordeaux Mixture in a concentrated form. Bordeaux Mixture is one of the oldest, and has been the most popular fungicide known, and although Lime and Sulphur Solution is superior for many purposes, it is still the most satisfactory for controlling fungi on some vegetables such as potatoes, melons, cucumbers, beans, etc.

One of the serious drawbacks which has brought Bordeaux into disfavor, especially among fruit growers, is that it is liable to cause russetting of the fruit. In Electro Bordo-Pulp all excess of caustic lime is removed, and the russetting is reduced to a minimum.

PRICES

1-lb. Jar	.....	\$0.30
10-lb. Kit	.....	2.00

ELECTRO BORDO-LEAD MIXTURE

THIS IS A COMBINATION of Arsenate of Lead and Bordo-Pulp in proper proportions. Ten pounds of this in fifty gallons of water will be equivalent to approximately 5 lbs. of 20% Arsenate of Lead, and in Bordeaux to the 4-4-50 formula.

It is a very desirable spray material, giving a combined fungicide and insecticide ready for use, requiring only thinning and addition of water.

The remarks in regard to Electro Bordo-Pulp also apply to the Bordo part of this mixture. It is especially adapted for a combined spray on grapes, ground crops, etc.

PRICES

1-lb. Jar	.....	\$0.35
10-lb. Kit	.....	2.50

We will mail you Vreeland's book, "Spraying Simplified", free, if you wish it.



ELECTRO KEROSENE EMULSION.

For spraying plant lice, scale, leaf hoppers, etc. It is readily soluble in water, and is ready for use by simply adding the proper amount of water. Directions for use accompany each package.

In 1-gallon cans only. Price \$1.00 per gallon.

ELECTRO INSECTICIDE SOAP.

This is a whale-oil soap, and is especially valuable as a spray for lice and soft-bodied larvae. By a special process of manufacture it does not contain free alkali, which injures foliage and fruit.

1-lb. Package	.....\$0.20
10-lb. Kit	.....1.80
100-lb. Keg	.....13.00

ELECTRO PINE TAR CREOSOTE.

For protecting wounds. Creosote has been found to be the best paint for this purpose, and pine tar creosote has considerable advantages over coal tar creosote. It is antiseptic; penetrates the wood, destroying germs; and excludes moisture from live wood, preventing decay.

In 1-gallon cans only. Price \$1.00 per gallon.

ELECTRO TREE LEIM.

A sticky substance for banding trees, to prevent caterpillars from climbing up and down the tree trunks. Also for preventing the spread of aphids by keeping the ants from the trees.

1-lb. Can\$0.50

Lilly's LAWN LIME.

A chemical compound which, when applied as a lawn dressing, burns up all broad leaved weeds, but instead of harming the grasses, acts as a splendid fertilizer. Write for circular on the subject.

Price, 2 lbs., 25c; 5 lbs., 50c; 25 lbs., \$2.00; 50 lbs., \$3.50; 100 lbs., \$6.00.

HAMMOND'S SLUG SHOT.

A non-poisonous powder for the destruction of currant worms, potato bugs, cabbage worms, chicken lice, slugs, etc.

1 lb., 15c; 5 lbs., 50c.

HAMMOND'S GRAPE DUST.

A dust fungicide. Very efficient in destroying mildew and preventing blight.

1 lb., 15c; 5 lbs., 50c.

SULPHUR.

The best grade fine ground sulphur for spraying and fumigating.

1 lb., 5c; 50 lbs., \$1.50; 100 lbs., \$2.50.

BLUESTONE.

Copper Sulphate, for spraying. Prices fluctuate. If wanted in large quantities write for quotation.

1 lb., 15c.

FORMALIN.

For smut in wheat and oats, and for potato scab. See instructions elsewhere in this book and in the Crop Book.

Pint, 50c; 5 Pints, \$2.00; Gallon, \$2.75; 5 Gallons, \$13.00.



FORMALDEHYDE TREE SOAP.

A soap compound for destroying Green Aphid, Woolly Aphid, Hop Aphid, Oyster Shell Scale, Codling Moth, Canker Worm, Caterpillars, and for preventing all fungus diseases. Especially adapted for rose bushes.

1-lb. Cakes 15c each.

BLACK LEAF 40.

A highly concentrated tobacco extract, guaranteed to contain 40% Nicotine. The best spray for Aphid and other soft bodied insects. Cannot be sent by mail.

1/2-lb. can. Makes 47 gals. .05% Nicotine. \$0.85
2 1/2-lb. can. Makes 240 gals. .05% Nicotine. 3.25
10 1/2-lb. can. Makes 1000 gals. .05% Nicotine. 12.50

NICO-FUME PAPER.

For fumigating greenhouses and other places where fumes can be confined. Considered indispensable by our most successful greenhouse men.

Prices: 24 Sheets, \$1.00; 144 Sheets, \$4.50; 288 Sheets, \$8.50.

NICO-FUME LIQUID.

A 40% Nicotine Solution for spraying or vaporizing. One to two teaspoonfuls of solution makes a gallon of spray. Cannot be mailed.

Prices: 1/4 lb., 60c; 1 lb., \$2.00; 4 lbs., \$7.00; 8 lbs., \$13.50.

FUMIGATING TOBACCO POWDER.

For fumigating greenhouses, or any place where fumes can be confined.

1 lb., 10c; 10 lbs., 75c; 100 lbs., \$5.00.

DUSTING TOBACCO POWDER.

For destruction of Aphid and other soft-bodied insects where fumes cannot be confined.

1 lb., 10c; 10 lbs., 75c; 100 lbs., \$5.00.

TOBACCO STEMS.

For fumigating greenhouses and making tobacco solutions.

100 lbs. or more, 3c per lb. Less than 100 lbs., 5c per lb.

SULPHO-TOBACCO SOAP.

Destroys all insects on plants, animals, and in buildings. One cake makes one and one-half gallons of solution. 3-oz. Cake, 10c; postage 3c.

WHALE-OIL SOAP.

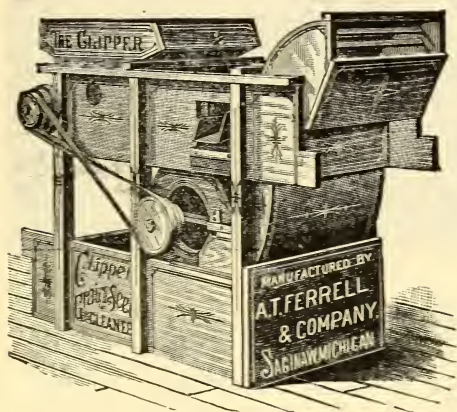
An excellent summer wash for Aphid, etc. Less than 50 lbs., 10c per lb.; 50 lbs., \$3.25.

PARIS GREEN.

For destruction of plant lice on cabbage, cauliflower, fruit trees, etc. 1 lb., 10c; 10 lbs., 70c.

QUASSIA CHIPS.

Can be sold in original packages only. If wanted in 100 lb. kegs, write for price. 1-lb. Can, 25c.



No. 1 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. 2 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.

LILLY'S BEE SUPPLIES

WE ARE
PACIFIC COAST DISTRIBUTORS
FOR THE CELEBRATED

LEWIS BEEWARE

which is conceded to be
THE BEST

If you are interested in bees, write for a copy of

LILLY'S BEE SUPPLY CATALOG

It contains much useful information, in addition to descriptions of our complete line of Bee Supplies.



Clipper Seed Cleaners are used for cleaning Lilly's Seeds. Twelve of the large power machines are in almost constant use.



LILLY'S FLY KILLER

A Guaranteed Cure for a Serious Pest

OF COURSE you do not enjoy having your stock pestered and worried by flies, mosquitoes, and fleas, but you do realize that they do more damage, and cost the farmers more money, than all other pests combined?

In addition to causing a great loss in the milk production of your cows, in impaired efficiency of your horses, and in loss of flesh on fattening stock, they are the greatest known spreaders of microbes,

Price: Quart, 35c; Gallon, \$1.00; Five

gallons, \$3.50, f. o. b. Seattle or Portland.

flies, and disease. Cleanliness is impossible where flies abound. Lilly's Fly Killer will eliminate these pests. It is a very easy matter to apply a small quantity of the Fly Killer, with a small hand sprayer, to your cows at milking time, or to your horses at feeding time, and the results are positive. No flies, mosquitoes, or fleas will exist where Lilly's Fly Killer is applied.

Gallons, \$3.50, f. o. b. Seattle or Portland.

LILLY'S

COW CONDITIONER

A Regulator for Cattle

A TONIC and regulator which keeps the cow in perfect physical condition; reducing to a minimum the percentage of undigested food, from which the cow receives no benefit.

By keeping the cow in perfect health, the 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.

If you are not entirely satisfied with the results, we will refund your money.

Price: Small Package (about 2 lbs.), 25c; Large Package (about 4 lbs.), 50c; 25-lb. Pail, \$2.50; 100-lb. Barrel, \$8.00.

LILLY'S

GERM DESTROYER

A N ANTISEPTIC for Mange, Bed Bugs, Hog Cholera, Sores, Wounds and Castrations; also a disinfectant for closets, sick-rooms, sewers, and urinals. Cannot be sent by Parcel Post.

Price, 25c per Bottle

LILLY'S

STOCK TONE

For Horses, Hogs and Sheep

THE USE of a stock tonic is not to be considered drugging. It is to take the place of the herbs and medicinal properties that would be obtained in the pasture if they were allowed to graze naturally.

Two tablespoonfuls of Lilly's Stock Tone each day will keep a horse in perfect health, acting as a preventive against diseases. When the horse 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; reducing the time required to fit them for market.

Price: Small Package (about 2 lbs.), 25c; Large Package (about 4 lbs.), 50c; 25-lb. Pail, \$2.50; 100-lb. Barrel, \$8.00.

LILLY'S

HEAVE REMEDY

WILL CURE any case of Heaves except Bel-lows or Whistling Heaves, which can only be relieved, and will cure Coughs, Colds, Dis-temper, Epizootic, Lung Fever, etc.

Price, 50c, postpaid



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.

Price, 25c, postpaid.

LILLY'S Gall Remedy

This is a guaranteed remedy for galled shoulders and backs on horses.

Price, 50c, postpaid.

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.

Price: Small Can (about 1½ lbs.), 50c.
Large Can (about 3½ lbs.), \$1.00. Postage

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: Per Can (about 1¼ lbs.), \$1.00.

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.

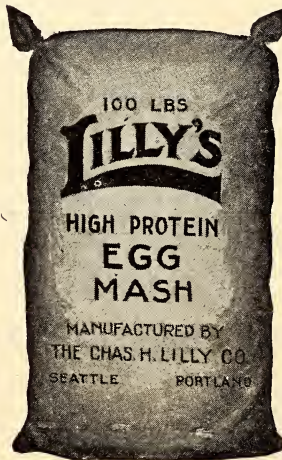
Quart, 30c; gallon, 50c; 5 gallons, \$1.75;
barrel (about 50 gallons), \$9.00.



CORRECTLY BALANCED

POULTRY FOODS

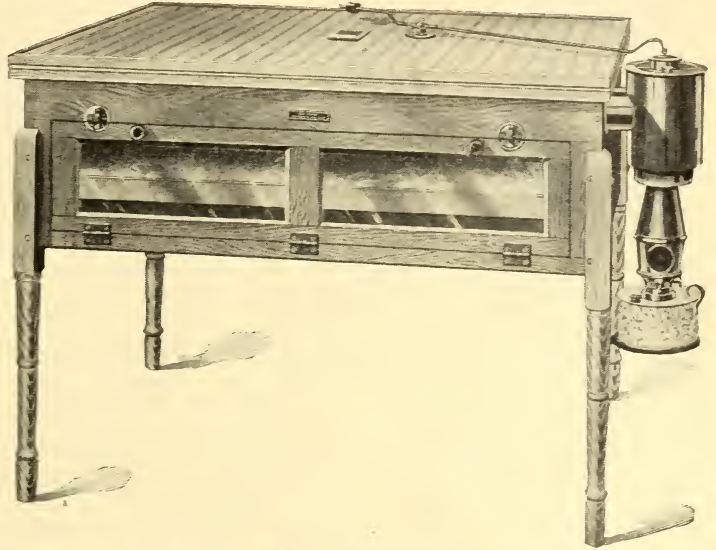
A FOOD FOR EVERY NEED



COMPLETE LINE
POULTRY SUPPLIES

Including the Best of Everything Needed by Poultrymen

- IDEAL
- Incubators,
- Brooders
- and Hovers
- Petaluma
- Brooder Stoves
- International
- Sanitary Hovers
- Economy
- Oat Sprouters
- Thermometers
- Hygrometers
- Lamps
- Egg Testers
- Caponizing Sets
- Killing Knives



Humphrey Bone Cutters, Grist Mills, Clover Cutters, Dry Bone and Shell Mills, Grit Mortars, Grit Crushers, Metal Coops and Nests, Nest Eggs, Chick Servers, Food Hoppers, Grit and Shell Hoppers, Feed Troughs, Wall Founts, Food and Water Cups, Live Chick Shipping Boxes, Egg Shipping Boxes, Shipping Coops, Market Egg Boxes, Parcel Post Egg Boxes, Parcel Post Shipping Boxes, Lice Killer, Lice Powder, Lice Ointment, White Leghorn Baby Chicks, Poultry Remedies, Poultry Books.

In addition to describing these goods, much valuable information in regard to breeding, hatching, brooding, feeding, housing, preparing for market and producing eggs is contained in

LILLY'S POULTRY BOOK

which is by far the best book of the kind published, and which we will gladly mail free to all persons interested in poultry. We employ a practical poultry expert whom our customers are at liberty to consult freely when in need of advice or suggestions in regard to anything pertaining to poultry.

LILLY'S 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.

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.



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.

POULTRY.

	Price.	Postage.
SUCCESSFUL POULTRY KEEPING. Practical, reliable information on the subject of poultry for profit. 176 pages, 9x12. Illustrated.....	1.00	Paid
POULTRY HOUSES AND FIXTURES. Contains plans and details of practical poultry houses and appliances. 100 pages, 9x12. Illustrated.....	.50	Paid
ARTIFICIAL INCUBATING AND BROODING. The most down-to-date practical work on this important subject. 92 pages, 9x12. Illustrated.....	.50	Paid
THE CHICK BOOK. A book of thorough and reliable instruction on rearing chicks. 84 pages, 9x12. Illustrated.....	.50	Paid
EGGS AND EGG FARMS. Gives correct method of doing every detail of the work to secure greatest profit. 100 pages, 9x12.....	.50	Paid
THE PLYMOUTH ROCKS, Barred, White, Buff and Silver Penciled. Full instructions for producing exhibition specimens. 160 pages, 9x12.....	1.00	Paid
THE LEGHORNS. An illustrated Leghorn Standard with treatise on judging, breeding, mating, exhibiting, etc. 78 pages, 9x12. Illustrated.....	1.00	Paid
ASIATICS. Best information on mating, breeding, selecting, exhibiting and judging Bramas, Cochins and Langshans. 100 pages, 6x9. Illustrated.....	.50	Paid
THE WYANDOTTES. The greatest amount of reliable information compiled to date in regard to Wyandottes. 144 pages, 9x12. Illustrated.....	1.00	Paid
DUCKS AND GESE. A practical manual giving full and authentic information on breeding and raising. 80 pages, 9x12. Illustrated.....	.75	Paid
TURKEYS. How to raise them profitably. It is one of the most profitable branches of poultry industry. 96 pages, 9x12. Illustrated.....	.75	Paid
THE BANTAM FOWL. Describing all varieties of Bantams and best methods of breeding and raising them. 72 pages, 9x12. Illustrated.....	.50	Paid
RELIABLE POULTRY REMEDIES. A poultryman's hand book of tried and proved remedies for the diseases of poultry. 84 pages, 6x9.....	.25	Paid
EGG RECORD AND ACCOUNT BOOK. A simple, easy method of keeping correct account by the day, month and year.....	.25	Paid

BEEES.

LANGSTROTH ON THE HONEY BEE. Cloth. 550 pages. Illustrated.....	\$1.10	\$.15
A. B. C. AND X. Y. Z. OF BEE CULTURE. Cloth. 500 pages. 400 engravings.....	1.25	.25
BEE KEEPERS' GUIDE. Cloth. 460 pages. Illustrated.....	1.10	.15
ADVANCED BEE CULTURE. New edition. Cloth bound.....	1.00	.20
SCIENTIFIC QUEEN-REARING. Cloth. 128 pages. 14 illustrations.....	1.00	.05
BIENZUCHT UND HONIGGEWINNUNG. In German. Paper cover.....	.30	.05
FORTY YEARS AMONG THE BEES. By Dr. C. C. Miller. Revised edition.....	.90	.10
HOW TO KEEP BEES. By Anna Botsford Comstock.....	1.00	.10
AMERICAN BEE JOURNAL. Per year's subscription.....	.75	Paid
GLEANINGS IN BEE CULTURE. Per year's subscription.....	1.00	Paid
THE BEE KEEPERS' REVIEW. Per year's subscription.....	1.00	Paid

FARMING AND GARDENING.

THE LANDSCAPE BEAUTIFUL. By Prof. Frank A. Waugh. 336 pages.....	2.00	.15
THE STUDY OF CORN. By Prof. V. M. Shoesmith. 100 pages, 5x7. Illustrated.....	.50	.05
HANDY FARM DEVICES. By Rolfe Cobleigh. Cloth, 288 pages, 5x7. Illustrated.....	1.50	.15
FARM CROPS. By C. W. Burkett. New.....	1.50	.15
FARM SEWAGE. New. 50 pages, 5x7. Illustrated. Cloth.....	.50	.05

FARMING AND GARDENING—Continued.

	Price.	Postage.
THE YOUNG FARMER: SOME THINGS HE SHOULD KNOW. New. 280 pages. Cloth.....	1.50	.15
SCHOOL AGRICULTURE. New. A Text-Book for Schools. 340 pages. Cloth.....	.90	.10
FERTILIZERS AND CROPS. New. 710 pages, 5 $\frac{1}{2}$ x7 $\frac{1}{2}$. Cloth.....	2.50	.15
SOILING CROPS AND THE SILO. Illustrated. 364 pages, 5x7. Cloth.....	1.50	.15
BOOKKEEPING FOR FARMERS. 5x7 inches. Paper.....	.25	.05
FARMERS' CYCLOPEDIA OF AGRICULTURE. By E. V. Wilcox and C. B. Smith. The most perfect Cyclopedias of Agriculture ever attempted. Authoritative on all subjects pertaining to the farm. 700 pages. 500 illustrations. Half Morocco \$4.50. Cloth.....	3.50	.20
MARKET GARDENING AND FARM NOTES. Illustrated. 315 pages, 5x7. Cloth.....	1.00	.10
SOILS. The problems of crop growing and crop feeding. 303 pages.....	1.25	.10
IRRIGATION FOR THE FARM. GARDEN AND ORCHARD. Illustrated.....	1.00	.10
FARM GRASSES OF THE UNITED STATES OF AMERICA. Illustrated. Cloth.....	1.00	.10
FORAGE CROPS OTHER THAN GRASSES. Illustrated. 287 pages. Cloth.....	1.00	.10
CLOVERS AND HOW TO GROW THEM. Illustrated. 337 pages, 5x7. Cloth.....	1.00	.10
THE HOP. Illustrated. 300 pages, 5x7. Cloth.....	1.50	.15
ALFALFA. Illustrated. 164 pages, 5x7. Cloth.....	.50	.10
THE BOOK OF WHEAT. New. Illustrated. 370 pages, 5 $\frac{1}{2}$ x8. Cloth.....	2.00	.15
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Quantity of Seed Required

Quantity Per Acre.

Quantity Per Acre

Alfalfa10 to 20 lbs.
Alsike	.....	.8 to 10 lbs.
Artichoke	.....	1 oz. to 500 plants, 6 oz.
Asparagus	.....	1 oz. to 500 plants, 1 lb.
Barley	.....	100 lbs.
Beans, dwarf	.....	1 lb. to 100 ft. of drill, 50 lbs.
Beans, pole	.....	1 lb. to 150 hills, 25 lbs.
Beet, garden	.....	1 oz. to 50 ft. of drill, 5 lbs.
Beet, sugar or mangel	.....	5 lbs.
Broccoli	.....	1 oz. to 2,000 plants, 4 oz.
Brussels Sprouts	.....	1 oz. to 2,000 plants, 4 oz.
Broom Corn	.....	8 to 12 lbs.
Buckwheat	.....	50 to 60 lbs.
Cabbage	.....	1 oz. to 2,000 plants, 8 oz.
Carrot	.....	1 oz. to 125 ft. of drill, 3 lbs.
Cauliflower	.....	1 oz. to 3,000 plants, 4 oz.
Celery	.....	1 oz. to 5,000 plants, 4 oz.
Cheat	.....	100 lbs.
Chicory	.....	1 oz. to 100 ft. of drill, 4 lbs.
Clover, White, Alsike, and Bokhara.	.....	6 to 10 lbs.
Clover, Red, Mammoth Red, and Crimson	.....	8 to 15 lbs.
Collards	.....	1 oz. to 2,000 plants, 4 oz.
Corn, sweet	.....	1 lb. to 200 hills, 15 lbs.
Corn, field	.....	12 to 20 lbs.
Corn, fodder, in drills	.....	75 lbs.
Corn, pop	.....	8 to 10 lbs.
Cress	.....	1 oz. to 150 ft. of drill, 12 lbs.
Cucumber	.....	1 oz. to 100 hills, 2 to 3 lbs.
Egg Plant	.....	1 oz. to 2,000 plants, 4 oz.
Endive	.....	1 oz. to 400 ft. of drill, 4 lbs.
Emmer	.....	100 lbs.
Flax, for seed, 30 lbs.; for fiber	.....	50 lbs.
Grass, lawn, mixed, 1 lb. to 300 sq. ft.	.....	145 lbs.
Grass, Kentucky Blue, Canadian Blue.	.....	20 lbs.
Grass, Timothy	.....	12 to 20 lbs.
Grass, Red Top, in chaff	.....	30 to 40 lbs.
Grass, Red Top, solid seed	.....	10 to 12 lbs.
Grass, Rye Grass, English and Italian	.....	40 to 50 lbs.
Grass, Orchard	.....	40 to 45 lbs.
Grass, Meadow Fescue	.....	25 to 30 lbs.

Hemp	.....	40 to 50 lbs.
Horse Radish Roots	.....	10,000 to 15,000
Kale	.....	1 oz. to 200 ft. of drill, 1 lb.
Kohl Rabi	.....	1 oz. to 150 ft. of drill, 2 lbs.
Kaffir Corn	.....	6 to 10 lbs.
Leek	.....	1 oz. to 300 ft. of drill, 4 lbs.
Lettuce	.....	1 oz. to 400 ft. of drill, 3 lbs.
Melon, Musk	.....	1 oz. to 60 hills, 2 to 3 lbs.
Melon, Water	.....	1 oz. to 30 hills, 3 to 4 lbs.
Millet	.....	20 to 50 lbs.
Nasturtium	.....	1 oz. to 50 ft. of drill, 15 lbs.
Oats	.....	75 to 100 lbs.
Okra	.....	1 oz. to 100 ft. of drill, 8 lbs.
Onion	.....	1 oz. to 300 ft. of drill, 4 to 5 lbs.
Onion, for sets	.....	30 to 30 lbs.
Onion Sets	.....	1 lb. to 40 ft. of drill, 400 lbs.
Parsley	.....	1 oz. to 300 ft. of drill, 3 lbs.
Parsnip	.....	1 oz. to 400 ft. of drill, 3 lbs.
Peas, garden	.....	1 lb. to 50 ft. of drill, 200 lbs.
Peas, field	.....	90 to 150 lbs.
Pepper	.....	1 oz. to 1,500
Potatoes	.....	400 to 600 lbs.
Pumpkin	.....	1 oz. to 30 hills, 3 to 4 lbs.
Radish	.....	1 oz. to 100 ft. of drill, 10 lbs.
Rape, Dwarf Essex	.....	3 to 5 lbs.
Rutabaga	.....	1 oz. to 150 ft. of drill, 2 to 3 lbs.
Rye	.....	90 to 120 lbs.
Salsify	.....	1 oz. to 50 ft. of drill, 8 lbs.
Sorghum, in hills	.....	20 lbs.
Sorghum, in drills or broadcast	.....	60 to 90 lbs.
Spinach	.....	1 oz. to 200 ft. of drill, 8 lbs.
Squash, bush	.....	1 oz. to 25 hills, 3 lbs.
Squash, vine	.....	1 oz. to 12 hills, 2 lbs.
Sunflower	.....	8 lbs.
Tobacco	.....	1 oz. to 5,000 plants, 3 oz.
Tomato	.....	1 oz. to 2,000 plants, 4 oz.
Turnip	.....	1 oz. to 150 ft. of drill, 2 lbs.
Vetch, Common or Spring	.....	60 to 90 lbs.
Vetch, Hairy or Winter	.....	30 to 60 lbs.
Wheat	.....	90 to 120 lbs.

Usual Distances for Planting

Beans, Bush, drills 2 to 3 feet apart.
 Beans, Pole, 3 to 4 feet each way.
 Beets, Early, drills 12 to 18 inches apart.
 Beets, Late, drills 2 to 3 feet apart.
 Blackberries, erect growing, 6 to 9 by 4 feet.
 Blackberries, Mammoth and Himalaya, 8 by 24 feet.
 Cabbage, Early, 16 by 30 inches.
 Cabbage, Late, 24 by 30 inches.
 Carrots, drills 1 to 2 feet apart.
 Corn, Sweet, 3 to 3½ feet by 9 to 24 inches.
 Corn, Field, 3½ to 4 feet each way.
 Cucumber, 4 to 5 feet each way.
 Currants, 5 by 3 feet.
 Egg Plant, 3 by 3 feet.
 Lettuce, drills 18 inches apart.
 Melon, Musk, 5 to 6 feet each way.
 Melon, Water, 7 to 8 feet each way.

Celery, rows 3 to 4 feet 6 inches in row.
 Cauliflower, 2 by 2 to 2 by 3 feet.
 Asparagus, 3 to 4 by 2 feet.
 Gooseberries, 5 by 3 feet.
 Grapes, 8 by 8 to 10 by 12 feet.
 Onions, drills 14 to 20 inches apart.
 Parsnips, drills 18 to 36 inches apart.
 Peas, drills 2 to 3 feet apart.
 Pepper, 15 to 18 inches by 2 to 2½ feet.
 Potatoes, 12 to 18 inches by 2½ to 3 feet.
 Pumpkin, 8 to 10 ft. each way.
 Radish, drills 10 to 18 inches apart.
 Raspberries, 6 to 8 by 3 feet.
 Rhubarb, 2 to 4 feet by 4 feet.
 Salsify, drills 18 to 24 inches apart.
 Spinach, drills, 12 to 18 inches apart.
 Squash, Bush, 3 to 4 feet by 4 feet.
 Squash, Running, 12 feet each way.
 Tomato, 4 feet by 4 to 5 feet.

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 12 in.	14,520	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 48 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 20 in.	15,681	36 x 18 in.	9,680	48 x 36 in.	3,630	12 x 5 ft.	736
20 x 1 in.	313,635	36 x 24 in.	7,260	48 x 18 in.	7,790	12 x 12 ft.	302
24 x 1 in.	261,360	36 x 36 in.	4,840	60 x 36 in.	2,901	16 x 1 ft.	2,722
24 x 24 in.	10,890	36 x 3 in.	58,080	60 x 48 in.	2,178	16 x 16 ft.	170



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	1st zone	2d zone, 50 to 150 miles.	3d zone, 150 to 300 miles.	4th zone, 300 to 600 miles.	5th zone, 600 to 1000 miles.	6th zone, 1000 to 1400 miles.	7th zone, 1400 to 1800 miles.	8th zone, over 1800 miles.
1 lb.	\$0.05	\$0.05	\$0.05	\$0.06	\$0.07	\$0.08	\$0.09	\$0.12
2 lbs. ....	.06	.06	.06	.08	.11	.14	.21	.24
3 lbs. ....	.06	.07	.07	.10	.15	.20	.25	.36
4 lbs. ....	.07	.08	.08	.12	.19	.26	.33	.48
5 lbs. ....	.07	.09	.09	.14	.23	.32	.41	.60
6 lbs. ....	.08	.10	.10	.16	.27	.38	.49	.72
7 lbs. ....	.08	.11	.11	.18	.31	.44	.57	.84
8 lbs. ....	.09	.12	.12	.20	.35	.50	.65	.96
9 lbs. ....	.09	.13	.13	.22	.39	.56	.73	1.08
10 lbs. ....	.10	.14	.14	.24	.43	.62	.81	1.20
11 lbs. ....	.10	.15	.15	.26	.47	.68	.89	1.32
12 lbs. ....	.11	.16	.16	.28	.51	.74	.97	1.44
13 lbs. ....	.11	.17	.17	.30	.55	.80	1.05	1.56
14 lbs. ....	.12	.18	.18	.32	.59	.86	1.13	1.68
15 lbs. ....	.12	.19	.19	.34	.63	.92	1.21	1.80
16 lbs. ....	.13	.20	.20	.36	.67	.98	1.29	1.92
17 lbs. ....	.13	.21	.21	.38	.71	1.04	1.37	2.04
18 lbs. ....	.14	.22	.22	.40	.75	1.10	1.45	2.16
19 lbs. ....	.14	.23	.23	.42	.79	1.16	1.53	2.28
20 lbs. ....	.15	.24	.24	.44	.83	1.22	1.61	2.40
21 lbs. ....	.15	.25	.25					
22 lbs. ....	.16	.26	.26					
23 lbs. ....	.16	.27	.27					
24 lbs. ....	.17	.28	.28					
25 lbs. ....	.17	.29	.29					
26 lbs. ....	.18	.30	.30					
27 lbs. ....	.18	.31	.31					
28 lbs. ....	.19	.32	.32					
29 lbs. ....	.19	.33	.33					
30 lbs. ....	.20	.34	.34					
31 lbs. ....	.20	.35	.35					
32 lbs. ....	.21	.36	.36					
33 lbs. ....	.21	.37	.37					
34 lbs. ....	.22	.38	.38					
35 lbs. ....	.22	.39	.39					
36 lbs. ....	.23	.40	.40					
37 lbs. ....	.23	.41	.41					
38 lbs. ....	.24	.42	.42					
39 lbs. ....	.24	.43	.43					
40 lbs. ....	.25	.44	.44					
41 lbs. ....	.25	.45	.45					
42 lbs. ....	.26	.46	.46					
43 lbs. ....	.26	.47	.47					
44 lbs. ....	.27	.48	.48					
45 lbs.27	.49	.49					
46 lbs.28	.50	.50					
47 lbs.28	.51	.51					
48 lbs.29	.52	.52					
49 lbs.29	.53	.53					
50 lbs.30	.54	.54					

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 Registration—First and Third Class matter may be registered at any postoffice on presentation thereat on affixing 10 cents in stamps in addition to the regular postage.
 Insurance—A mailable parcel of fourth class matter on which postage is fully prepaid may be insured against loss in an amount equivalent to its actual value, but not to exceed \$25, on payment of a fee of five cents, and in an amount equivalent to its actual value in excess of \$25, but not to exceed \$50, on payment of a fee of 10 cents in stamps, such stamps to be affixed.
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JANUARY 20TH, 1914

LILLY'S

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CLOVER SEED	1 lb.	10 lbs.	50 lbs.	100 lbs.
Lilly's Best Red Clover..... Per lb.	.25	.18½	.18	.17½
Choice Red Clover .....	.25	.17½	.17	.16½
Lilly's Best White Clover	Sold out			
Choice White Clover .....	.35	.33	.32½	.32
Mammoth Red Clover .....	.25	.19½	.19	.18½
Crimson Clover .....	.25	.21	.20½	.20
Bokhara Clover .....	.30	.27½	.27	.26½
Yellow Trefoil .....	.25	.19	.18½	.18
Espartette, or Sanfoin .....	.20	.18	.17½	.17
Lilly's Best Alsike .....	.30	.24	.23½	.23
Choice Alsike .....	.25	.22	.21½	.21
ALFALFA SEED				
Lilly's Best Alfalfa .....	.25	.16½	.16	.15½
Turkestan Alfalfa .....	.25	.17½	.17	.16½
GRASS SEEDS				
Lilly's Best Timothy .....	.10	.08	.07½	.07
Choice Timothy .....	.10	.07½	.07	.06½
Kentucky Blue Grass, Fancy .....	.25	.18	.17½	.17
Canadian Blue Grass .....	.20	.15	.14½	.14
Brome Grass .....	.20	.17½	.17	.16½
Sweet Vernal, Perennial	Sold out			
Sweet Vernal, Annual .....	.25	.18	.17½	.17
Red Top, Fancy .....	.40	.34	.33½	.33
Red Top, Choice .....	.25	.19½	.19	.18½
Tall Meadow Oat Grass .....	.25	.21	.20½	.20
Creeping Bent, or Florin .....	.40	.34	.33½	.33
Bermuda Grass .....	.60	.55	.54½	.54
Reed Canary Grass .....	.70	.63	.62½	.62
Orchard Grass .....	.25	.20	.19½	.19
Johnson Grass	Sold out			
Mesquite .....	.20	.17½	.17	.16½
Cheat	Sold out			
Rye Grass, English, or Perennial10	.08	.07½	.07
Rye Grass, Italian10*	.08½	.08	.07½
Meadow Fescue20	.14½	.14	.13½
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Nonpareil Lawn Grass25	.20	.20	.20
Lilly's Imported Lawn Grass		1-quart carton. 35c; 4-lb. carton. \$1.50.		

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SEED WHEAT	1 lb.	10 lbs.	50 lbs.	100 lbs.	Per Sack 125 lbs.
Pedigree Bluestem	\$0.10	\$0.04	\$0.03¼	\$.02¾	\$3.00
Giant Spring .....	.10	.04	.03¼	.02¾	3.00
Durum, or Macaroni	Sold out				
SEED RYE					
Seed Rye .....	.10	.03	.02½	.02¼	2.50
SEED BARLEY					
White Hulless .....	.10	.04½	.04	.03½	4.00
Beardless .....	.10	.03½	.03	.02½	
Hanna, Two-rowed	Sold out				
Common .....	.10	.03¼	.02¾	.02¼	



	1 lb.	10 lbs.	50 lbs.	100 lbs.	Per Sack 125 lbs.
SEED OATS					
Oregon Gray Winter	.10	.03 $\frac{1}{4}$	.02 $\frac{3}{4}$	.02 $\frac{1}{4}$	
Swedish Select	.10	.03 $\frac{1}{2}$	.03	.02 $\frac{1}{2}$	
American Banner	.10	.03 $\frac{1}{4}$	.02 $\frac{3}{4}$	.02 $\frac{1}{4}$	
Black Alaska	.10	.03 $\frac{1}{2}$	.03	.02 $\frac{1}{2}$	
SEED EMMER					
Emmer (Spelt)	.10	.03 $\frac{3}{4}$	.03 $\frac{1}{4}$	.02 $\frac{3}{4}$	
SEED CORN					
Golden Nugget	.10	.09	.08 $\frac{1}{2}$	.08	
White Rustler	.10	.09	.08 $\frac{1}{2}$	.08	
Northwestern Red	.10	.09	.08 $\frac{1}{2}$.08	
Leaming, Improved	.10	.05	.04 $\frac{1}{2}$.04	
Champion White Pearl	.10	.05 $\frac{1}{2}$.05	.04 $\frac{1}{2}$	
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FODDER CORN					
Sweet Fodder Corn	.10	.05 $\frac{1}{2}$.05	.04 $\frac{1}{2}$	
Red Cob Ensilage Corn	.10	.05 $\frac{1}{2}$.05	.04 $\frac{1}{2}$	
MILLET					
Hungarian	.10	.06 $\frac{1}{2}$	.06	.05 $\frac{1}{2}$	
German	.10	.06 $\frac{1}{2}$	.06	.05 $\frac{1}{2}$	
Siberian	.10	.06 $\frac{1}{2}$	.06	.05 $\frac{1}{2}$	
Japanese	.10	.09	.08 $\frac{1}{2}$	.08	
Common	.10	.04 $\frac{1}{2}$	.04	.03 $\frac{1}{2}$	
BUCKWHEAT					
Silver Hull	Sold out				
Japanese	.10	.05 $\frac{1}{2}$	.05	.04 $\frac{1}{2}$	
FIELD PEAS					
Canadian	.10	.04 $\frac{1}{2}$	.04	.03 $\frac{1}{2}$	
Blue Scotch	Sold out				
Green	.10	.04 $\frac{1}{2}$	.04	.03 $\frac{1}{2}$	
COW PEAS					
Whip-poor-Will	.10	.09	.08 $\frac{1}{2}$	.08	
Clay	Sold out				
VETCH					
Common, Spring, or Tares	.10	.05 $\frac{1}{2}$	.05	.04 $\frac{1}{2}$	
Winter, Sand, or Hairy	.20	.14	.13 $\frac{1}{2}$	.13	
FORAGE CROPS					
Kale, Thousand Headed	.35	.29	.28 $\frac{1}{2}$	.28	
Rape, Dwarf Essex	.15	.11	.10 $\frac{1}{2}$	.10	
Marrow Cabbage	.60	...	...	...
English Horse Beans	Sold out				
Soja Beans	.10	.07	.06 $\frac{1}{2}$	.06	
Kaffir Corn	.10	.04	.03 $\frac{1}{2}$	.03	
Broom Corn	.10	.09	.08 $\frac{1}{2}$	.08	
Flax Seed	.10	.05 $\frac{1}{2}$	.05	.04 $\frac{1}{2}$	
Seradella	.20	.18	.17 $\frac{1}{2}$	.17	
Sorghum	.10	.07	.06 $\frac{1}{2}$	.06	
Spurry	.15	.12	.11 $\frac{1}{2}$	.11	



NIAGARA BRAND

SOLUBLE SULPHUR COMPOUND

THE SULPHUR SPRAY OF TODAY

100 lb. drum	\$7.50	10 lb. can	\$1.25
50 lb. drum	4.00	5 lb. can	.75
25 lb. drum	2.50	1 lb. can	.20

F. O. B. Seattle or Portland.

Write for circular describing this convenient and economical form of Sulphur Spray.

LILLY'S POULTRY FOODS

	Package	25 lbs.	50 lbs.	100 lbs.	Ton	
Holly Chick Feed	10 lbs.	\$0.40	\$0.85	\$1.50	\$2.75	\$52.00
Lilly's High Protein Chick Mash	9 lbs.	.35	.75	...	2.50	47.00
Lilly's Growing Food	10 lbs.	.35	.75	...	2.50	46.00
Lilly's High Protein Growing Mash	9 lbs.	.30	.65	...	2.25	43.00
Lilly's Scratch Food	10 lbs.	.35	.65	...	2.25	41.00
Common Sense Egg Food	9 lbs.	.30	.60	...	2.10	39.00
Lilly's High Protein Egg Mash	9 lbs.	.30	.60	...	2.15	40.00
Lilly, Fattening Food	9 lbs.	.30	.70	...	2.35	44.00
Holly Pigeon Food	10 lbs.	.40	.80	...	2.75	53.00
Lilly's Beef Scrap	10 lbs.	.50	1.20	...	4.00	75.00
Darling's Beef Scrap	...	...	...	...	4.00	75.00
Darling's Meat Meal	...	...	...	...	3.25	60.00
Fish Meat Meal	10 lbs.	.45	.95	...	3.50	66.00
Lilly's Blood Meal	10 lbs.	.50	...	...	4.25	82.50
Lilly's Granulated Bone	10 lbs.	.35	.75	...	2.50	48.00
No. 2 Granulated Bone	...	...	...	...	2.25	41.00
Lilly's Granulated Oyster Shell	10 lbs.	.20	.35	...	1.00	18.00
Star Shell	...	...	...	...	.80	13.00
Lilly's Crystal Grit	10 lbs.	.15	.30	...	.75	12.50
Limestone Grit	10 lbs.	.15	.30	...	.75	12.50
Granulated Charcoal	4 lbs.	.25	...	1.25	2.50	45.00
Lilly's Alfalfa Leaves & Blossoms	10 lbs.	.25	...	1.00	1.85	34.00
Alfalfa Meal	3½ lbs.	.15	...	...	1.35	25.00
Blatchford's Calf Meal	...	...	1.25	2.25	4.00	76.00
Soy Bean Meal	10 lbs.	.35	...	...	2.40	44.00
Steam Dried Beet Pulp	...	...	...	...	1.40	25.00
Oats for Poultry	...	...	...	...	2.00	38.00
Kaffir Corn	...	...	...	...	2.50	44.00
Millet	...	...	...	...	3.00	55.00
Sunflower	...	...	...	...	4.50	85.00
Buckwheat	...	...	...	...	3.50	65.00
Ground Flax Seed	10 lbs.	1.00	...	...	5.00	...

If you are interested in poultry, and have not the latest issue of Lilly's Poultry Book, write for it now; you need it in your business.

LILLY'S COMMERCIAL FERTILIZERS

	25 lbs.	100 lbs.	Per Sack.	Ton.
Lilly's Complete Lawn Dressing	\$0.75	\$2.50	\$....	\$44.00
Lilly's Complete Vegetable Fertilizer	.75	2.25	....	40.00
Lilly's Complete Potato Fertilizer	.75	2.25	....	42.00
Lilly's Complete Fruit and Hop Fertilizer	.75	2.40	....	44.00
Lilly's Complete Fish and Bone Fertilizer	...	2.50	....	44.00
Lilly's Concentrated Fertilizer, Package	.25 1.00	...	...	...
Muriate of Potash	...	3.50	225 lbs. \$6.55	58.00
Sulphate of Potash	...	3.75	225 lbs. 7.35	65.00
Double Manure Salts	...	2.50	225 lbs. 5.00	44.00
Kanit	...	1.50	225 lbs. 2.50	22.00
Nitrate of Soda	...	3.50	200 lbs. 6.00	60.00
Nitrate of Lime	...	...	224 lbs. 6.30	56.00
Blood and Bone	...	2.00	....	34.00
Fish Guano	...	2.65	....	49.00
Super Phosphate	...	1.75	125 lbs. 2.00	30.00
Ground Raw Phosphate Rock	...	1.25	....	20.00
Bone Meal	10 lbs. 35c	2.25	....	40.00
Pulverized Sheep Manure	Package .25	1.25	....	20.00
Ground Lime Rock	...	...	200 lbs. 1.50	10.00
Land Plaster	...	1.00	....	12.50

LILLY'S

NIAGARA

SOLUBLE SULPHUR COMPOUND

Patents issued Nov. 12, 1912.

THE SULPHUR TREE SPRAY OF TODAY

NOT A NEW THING, BUT A NEW AND BETTER WAY

IT IS A SULPHUR SPRAY, not an EXPERIMENT. The sulphur is in the same chemical form as is the sulphur in the lime-sulphur solution, but being freed from the lime (the lime being found really detrimental), possesses a higher power, by fourfold, as an insecticide and fungicide.

SOLUBLE SULPHUR is very penetrating—going through and through all scale and insect crusts; whereas the lime in the lime-sulphur solution solidifies and neutralizes the sulphur, forming a harmless crust or coating. Soluble Sulphur does not paste up the surface of the tree, preventing the normal function of bark and leaves, but cleans the surface from all such hindrances to tree growth.

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In Soluble Sulphur the sulphur is rendered available by the use of a non-injurious element, thereby allowing the sulphur to perform its work in a fuller and more complete way.

We are not trying to coax you into "trying" a new spray, but we are offering you the old and tried Sulphur spray in a form far more effective, more convenient and less expensive. We furnish you with the dry materials. You supply the water and make your own solution by simply stirring together for an instant.

We can save you 25% and more on your spray expense. Will you let us show you?

In addition to the money saving, there is a saving on the handling of over 500 pounds, storage, leakage, return of barrel and a lot of trouble.

SOLUBLE SULPHUR COMPOUND used at 10 pounds to 50 gallons of water (winter strength) is equal in spray value to 33 degree lime-sulphur solution used at one gallon of solution to eight gallons of water.

Thus 100 pounds SOLUBLE SULPHUR COMPOUND added to 500 gallons of water will make 511 gallons of winter spray.

Therefore 100 pounds of Soluble Sulphur Compound will make 61 gallons or nearly 14% more spray, winter strength, than a 50-gallon barrel of lime-sulphur solution.

MANUFACTURED BY
THE CHAS. H. LILLY CO.

SEATTLE - - - PORTLAND

FOR SALE BY

100-lb. Case (2 50-lb. Cans) \$7.50 each	10-lb. Can \$1.25 each
50-lb. Can 4.00 each	5-lb. Can ..... .75 each
25-lb. Can 2.50 each	1-lb. Can ..... .20 each

F. O. B. - PORTLAND - SEATTLE

LILLY'S

LILLY'S

COMMONWEALTH OF PENNSYLVANIA
Department of Agriculture. Division of Zoology.

Harrisburg, Pa., Oct. 6, 1913.
Replying to your recent letter, I can say that I used some of your Soluble Sulphur, and marked trees where it was used, and could see no difference in its results from that of the home-boiled, lime-sulphur solution. It certainly did not appear to injure the trees or fruit buds in any way that I could determine, as I had a good crop from the trees sprayed with it.

H. A. SURFACE, Economic Zoologist.

TIEDT LAND AND ORCHARD COMPANY,
Darby, Montana.

Oct. 1st, 1913.

Having received many inquiries concerning the use of Soluble Sulphur Compound, I am prompted to say that I used this article throughout the whole season, beginning with the early dormant spray, and controlled our 250 acres in orchard with a saving of nearly 50% over the cost of lime and sulphur consumed during 1912, which was ordinary 32 degree Baume. I am prompted to say in addition, the efficiency of the Soluble Sulphur Compound registers a high mark in every requirement, being readily soluble, with no surplus or insoluble lime, which is usual in commercial lime and sulphur, and is manifest at the final spraying after fruit is fully formed.

You may be assured that with my experience I am warranted in saying that I shall hold to the use of Soluble Sulphur Compound as long as its established standard of efficiency is assured to me.

S. C. THORP, Secy. and Mgr.

THE LINDSAY FRUIT RANCH

Hamilton, Montana, Sept. 19, 1913.

Your letter of the 15th inst. received, and in reply wish to say that I used your Soluble Sulphur last year with good results. I used it for green and woolly aphid, and apple scab. As far as I am able to ascertain, it did the work for all of these.

I can recommend it freely; and would much rather use it than any other. H. C. LINDSAY.

Hamilton, Mont., Sept. 27, 1913.

Yours of the 15th inst. at hand and contents noted. I used Soluble Sulphur spray this season for scab, with excellent results. I gave only one thorough spraying right after the petals fell, and have so little scab that it is not worth mentioning. I think there will be quite a demand for it here next season.

J. E. LOCKWOOD.

BROOKDALE FRUIT FARM

Hamilton, Montana, Sept. 22, 1913.

Replying to your favor of Sept. 13th, will say that I have used some Soluble Sulphur spray this season. I sprayed principally for apple scab. It seems to have been as effective as the ready-mixed spray. I do not find any scab to speak of in the orchard sprayed with Soluble Sulphur spray. I believe it to be all right, and it is more convenient to handle, and the cost is less than other spray.

E. A. JOHNSON.

Spokane, Wash., Sept. 29, 1913.

Yours of the 25th received and contents noted. In reply will say that I put the Soluble Sulphur right in the tank, and it dissolved as soon as agitated. We sprayed for aphid with just as good results as with the lime-sulphur, and shall buy it again. FRED G. HELMBOLETT.

Kettle Falls, Wash., Sept. 15, 1913.

I used only a limited amount of Soluble Sulphur, for apple scab. It compares favorably with the lime and sulphur stock solutions, as far as I can judge, in results, and is much more economical to use, besides being far more convenient.

DR. W. H. LEE.

Olcott, N. Y., Sept. 27, 1913.

In reference to the Soluble Sulphur Compound I purchased from you last spring, I wish to say, it is much more convenient to handle, as well as being cheaper than the lime-sulphur solution.

I sprayed my peach orchard, while the trees were dormant, for scale and leaf curl; diluting the material at 8 pounds of Soluble Sulphur to 50 gallons of water; and am glad to say that results were perfect.

My crop was light, only having about 25,000 baskets, but the quality was the best I ever had. I sprayed my apple orchards, using 8 pounds to 50 gallons, while the trees were dormant; and one pound to fifty gallons of water, together with 3 pounds of arsenate of lead to each fifty gallons of water, in the blossom. I have the finest quality of apples I have ever had, besides, they are absolutely free from fungus, scale, and worms.

My pear crop was also very nice. I will use your Soluble Sulphur Compound exclusively next season.

W. O. WARD.

Note—Mr. Ward used 95 100-pound drums of our Soluble Sulphur Compound last season, which equals over 100 50-gallon barrels of lime-sulphur solution. He is one of the largest and most progressive fruit growers in New York State.

Burt, N. Y., Sept. 16, 1913.

I used nearly all of the dry preparation this year, and our apples are smooth, and very little fungus. It is better to handle, dissolves easily, and work good in the sprayer. Some claim that it burned their foliage. It did not burn any of our apple foliage, but it showed a little burn on the pears—not enough to hurt the fruit. Our pears were as clean as could be.

CHRIS BOBZIEN.

Note—The Van Horn orchard is well known as one of the best orchards in Western New York. Mr. Willis Van Horn, of Hood River, has kindly given us permission to use this letter.

SOUTH CAROLINA STATE CROP PEST COMMISSION

Clemson College, S. C., Sept. 27, 1913.

I have your letter of the 24th in regard to Soluble Sulphur Compound, and wish to say that we have used this thoroughly as a winter spray against scale, and have found it entirely satisfactory.

A. F. COURADI, Entomologist.

DIRECTIONS ARE ON EVERY PACKAGE; FOLLOW CAREFULLY.

LILLY'S

NIAGARA

SOLUBLE SULPHUR COMPOUND

Patents issued Nov. 12, 1912.

THE SULPHUR TREE SPRAY OF TODAY

**NOT A NEW THING, BUT A NEW AND
BETTER WAY**

IT IS A SULPHUR SPRAY, not an EXPERIMENT. The sulphur is in the same chemical form as is the sulphur in the lime-sulphur solution, but being freed from the lime (the lime being found really detrimental), possesses a higher power, by fourfold, as an insecticide and fungicide.

SOLUBLE SULPHUR is very penetrating—going through and through all scale and insect crusts; whereas the lime in the lime-sulphur solution solidifies and neutralizes the sulphur, forming a harmless crust or coating. Soluble Sulphur does not paste up the surface of the tree, preventing the normal function of bark and leaves, but cleans the surface from all such hindrances to tree growth.

SULPHUR has always been recognized as the important ingredient of spray value in the lime-sulphur sprays. The lime has been performing the office of a "necessary" evil: simply an agency for rendering the sulphur available.

In Soluble Sulphur the sulphur is rendered available by the use of a non-injurious element, thereby allowing the sulphur to perform its work in a fuller and more complete way.

We are not trying to coax you into "trying" a new spray, but we are offering you the old and tried Sulphur spray in a form far more effective, more convenient and less expensive. We furnish you with the dry materials. You supply the water and make your own solution by simply stirring together for an instant.

We can save you 25% and more on your spray expense. Will you let us show you?

In addition to the money saving, there is a saving on the handling of over 500 pounds, storage, leakage, return of barrel and a lot of trouble.

SOLUBLE SULPHUR COMPOUND used at 10 pounds to 50 gallons of water (winter strength) is equal in spray value to 33 degree lime-sulphur solution used at one gallon of solution to eight gallons of water.

Thus 100 pounds SOLUBLE SULPHUR COMPOUND added to 500 gallons of water will make 511 gallons of winter spray.

Therefore 100 pounds of Soluble Sulphur Compound will make 61 gallons or nearly 14% more spray, winter strength, than a 50-gallon barrel of lime-sulphur solution.

**MANUFACTURED BY
THE CHAS H. LILLY CO.**

SEATTLE - - - PORTLAND

FOR SALE BY

100-lb. Case (2 50-lb. Cans)	\$7.50 each	10-lb. Can	.....\$1.25 each
50-lb. Can	..... 4.00 each	5-lb. Can	..... .75 each
25-lb. Can	..... 2.50 each	1-lb. Can	..... .20 each

F. O. B. PORTLAND - SEATTLE

LILLY'S

LILLY'S

Soluble Sulphur—The Sulphur Spray Perfected

In SOLUBLE SULPHUR COMPOUND all the disadvantages of the Lime-Sulphur Solution are overcome.

NO HEAVY BARREL to HANDLE, return or pay for.

NO LEAKAGE and consequential loss and muss.

NO FREEZING and Crystalization.

SAVES STORAGE SPACE.

KEEPS INDEFINITELY.

EIGHTY-NINE POUNDS of the COMPOUND is equal in spray value, winter strength, to 50-gallon barrel of 33 Beume lime and sulphur solution, thus saving freight on over 500 pounds of water and barrel.

DISSOLVES readily, forming a permanent solution. The desired quantity of powder is thrown in spray tank full of water, is stirred or agitated a few moments and is then ready to apply.

USED in all respects the same, and for all purposes, as the regular lime-sulphur solution—following our directions as to quantity.

COST IS LESS than any other form of sulphur spray

OF ALL THE TREE SPRAYS used since the fight on fruit tree pests began, the SULPHUR sprays have been the most effective, and have come into the widest use.

FOR A TIME BORDEAUX was the only spray known as a remedy for fungus diseases—Effective but Dangerous.

IN THE EAST THE OIL SPRAYS had their day as a scale control, but they were found injurious to the trees after frequent application.

THE ADVENT OF THE LIME-SULPHUR-SALT WASH brought hope to the fruit growing industry, and with the development of that spray and of the arsenical sprays, nearly all prevalent fruit pests were brought under control.

RECENT INVESTIGATION and DEVELOPMENTS seem to show that the lime in the sulphur sprays may really be injurious or to diminish the real value of the sulphur; that is, that the sulphur alone without the presence of lime might be more effective. In three years use of Soluble Sulphur Compound this theory obtains support, for in this preparation (having no lime) a given amount of sulphur shows about double the efficiency as the same amount in the lime-sulphur solution.

THUS WE FIND AN EVOLUTION IN THE SULPHUR SPRAY.

First: Lime-Sulphur-Salt. A mixture boiled and used hot.

Second: The Commercial Lime-Sulphur Solution. The salt and sediment being eliminated, making a more convenient and quite as effective spray.

Third: Soluble Sulphur Compound. A sulphur spray put up in powder form; readily soluble in cold water, and containing no lime.

This last development is but a natural and inevitable advance, whereby the best of all sprays is produced in the best possible form.

SOLUBLE SULPHUR COMPOUND is essentially a SULPHUR SPRAY. The sulphur is so combined with a simple basic material as to render it soluble. The sulphur appears in the same chemical form as it does in the lime-sulphur solutions.

SAN JOSE SCALE AND OTHER SCALES are positively known to yield more readily to Soluble Sulphur than to the regular lime-sulphur.

APPLE SCAB, PEACH LEAF CURL and other fungous diseases are also effectively controlled.

SOLUBLE SULPHUR, in fact, is found effective wherever the regular lime-sulphur has been successful, and indications are that a new field of greater possibilities is to be opened up along lines where the regular lime-sulphur has not been successful. Several remarkable reports have come to us from widely different sections showing complete control of aphids, both Green and Woolly.

SOLUBLE SULPHUR COMPOUND is covered by United States and Canadian patents. It is the work of a chemist of recognized ability, has been manufactured and sold during the past three years by the Niagara Companies, pioneers in the manufacture of Lime-Sulphur Solution.

IT IS NOW being put on the market by several of the leading lime-sulphur companies on the Pacific Coast. It is sold by the highest class trade all over the United States and Canada. In a word, Soluble Sulphur is recognized by the business world as a commercial article of established merit. The largest hardware, drug and chemical houses in America have set their stamp of approval upon this material; they don't do such things without a reason.

SOLUBLE SULPHUR in volume equivalent to 15,000 barrels, or 300 carloads, of solution was used in 1913 by intelligent and progressive fruit growers. The results are indicated by letters from some of these men, printed herein for the benefit of others.

WE HAVE BEEN ASKED BY MANY for Experiment Station approval. We have submitted Soluble Sulphur to as many as twenty-five stations; also the Department of Agriculture, Washington, D. C., and have not been advised of a single failure. We have, on the contrary, received a number of favorable reports. The Western Experiment Stations have had the opportunity of testing it for one season only, but the stations of both Oregon and Washington have found the material effective against scales; and while they cannot make a general recommendation upon one season's work, yet the results which they did get are in keeping with results obtained everywhere, and by thousands of satisfied users of Soluble Sulphur. We are sure that the Pullman Station will give the growers the benefit of a test made last spring at Clarkston, wherein higher results were obtained with Soluble Sulphur at three degrees strength over a Lime-Sulphur Solution at five degrees strength on San Jose Scale. Any chemist qualified to analyze sulphur compounds can substantiate our statement as to content of material, and which is labeled on every package, in conformity with the U. S. Insecticide Act, and that the material contains no caustic alkalies or lye, or any other injurious ingredient.

Gentlemen: We wish to say that we made a very thorough test of your Soluble Sulphur Compound last year on two of our orchards. One 65-acre orchard at Darien, Genesee Co., N. Y., and a ten-acre orchard near the village of Gasport, town of Hartland, N. Y., spraying one-quarter of the Darien orchard and one-half of the Gasport orchard with Soluble Sulphur Compound.

The results in comparison with Lime-Sulphur Solution were very satisfactory, controlling the San Jose scale in the Gasport orchard with better results than with Lime-Sulphur Solution. Also controlling perfectly the Fungus and Blister Mite.

The results were also equally as good in the Darien orchard.

We shall use the Soluble Sulphur Compound entirely another year.

Very truly yours,

SHAFER FRUIT & COLD STORAGE COMPANY.

NOTE. Later when apples were marketed the New York City buyers state that the apples taken from the section of orchard sprayed with the Soluble Sulphur had 50% better color than those from the other section.

We are not prepared to claim credit for affecting color on this one instance, but the fact is worth noting.

Olcott, New York, Feb. 10, 1913.

Last spring I received from you one hundred fifty pounds of your Soluble Sulphur Compound. I gave it a very thorough test as a summer spray for the control of aphids, (following the directions), and it certainly did clean them up in fine shape. As for blow end and side worm when used with arsenate of lead it was excellent and my apples were certainly free from worms.

Please send me twenty one-hundred-pound drums of your Soluble Sulphur Compound not later than March 15, as I intend to use it exclusively the coming season for San Jose Scale and Summer Spray.

I feel perfectly sure this new dry material is the coming salvation for fruit growers and will entirely displace the liquid Lime and Sulphur Solution.

(Signed)

W. H. TENBROOK, JR.

Replying to your inquiry regarding Soluble Sulphur would say that I sprayed my apple trees for scale with excellent results. I also used it on currant bushes, and peach trees for leaf curl and the results were perfectly satisfactory.

I will use more this coming season.

(Signed)

WILLIS F. KNOWLTON,

Peabody, Mass.

NOTE. Mr. Crosby, a well known chemist and druggist of The Dalles, made a thorough investigation of Soluble Sulphur, and writes in part as follows:

The Dalles, Ore., June 26/13.

I find it to be up to the standard and to contain the necessary amount of sulphur and in a very soluble form. I am very certain that your compound will answer all requirements of the orchardists and will have them using it in preference to the Liquid. It will be a great saving in freight, to say the least, and is much easier handled.

(Signed)

A. E. CROSBY.

UNIVERSITY OF ILLINOIS,
College of Agriculture.

Urbana, Ill., Oct. 6, 1913.

Replying to your inquiry of Sept. 24th, regarding our experiments with your Soluble Sulphur Compound, we have just completed our records upon the Jonathan apples, and note that your material applied with arsenate of lead caused no injury and gave a very fine and polished appearance to the fruit.

O. S. WATKINS, Chemist.

MICHIGAN AGRICULTURAL COLLEGE

East Lansing, Mich., October 17, 1912.

Gentlemen: Last March we sprayed a medium-sized apple tree, variety unknown, that was badly infested with San Jose Scale, with some of your Soluble Sulphur, following your directions about making dilutions. We have examined the tree several times this summer and cannot find any live scale, and the tree is making a fair growth. The last examination was made a few days ago, in company with the Entomologist, Professor R. H. Pettit.

Very truly yours,

H. J. EUSTACE.

COMMONWEALTH OF PENNSYLVANIA
Department of Agriculture. Division of Zoology.

Harrisburg, Pa., Oct. 6, 1913.

Replying to your recent letter, I can say that I used some of your Soluble Sulphur, and marked trees where it was used, and could see no difference in its results from that of the home-boiled lime-sulphur solution. It certainly did not appear to injure the trees or fruit buds in any way that I could determine, as I had a good crop from the trees sprayed with it.

H. A. SURFACE, Economic Zoologist.

TIEDT LAND AND ORCHARD COMPANY,
Darby, Montana.

Oct. 1st, 1913.

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You may be assured that with my experience I am warranted in saying that I shall hold to the use of Soluble Sulphur Compound as long as its established standard of efficiency is assured to me.

S. C. THORP, Secy. and Mgr.

THE LINDSAY FRUIT RANCH

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I can recommend it freely; and would much rather use it than any other. H. C. LINDSAY.

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J. E. LOCKWOOD.

BROOKDALE FRUIT FARM

Hamilton, Montana, Sept. 22, 1913.

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E. A. JOHNSON.

Spokane, Wash., Sept. 29, 1913.

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Kettle Falls, Wash., Sept. 15, 1913.

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DR. W. H. LEE.

Olcott, N. Y., Sept. 27, 1913.

In reference to the Soluble Sulphur Compound I purchased from you last spring, I wish to say, it is much more convenient to handle, as well as being cheaper than the lime-sulphur solution.

I sprayed my peach orchard, while the trees were dormant, for scale and leaf curl; diluting the material at 8 pounds of Soluble Sulphur to 50 gallons of water; and am glad to say that results were perfect.

My crop was light, only having about 25,000 baskets, but the quality was the best I ever had. I sprayed my apple orchards, using 8 pounds to 50 gallons, while the trees were dormant; and one pound to fifty gallons of water, together with 3 pounds of arsenate of lead to each fifty gallons of water, in the blossom. I have the finest quality of apples I have ever had, besides, they are absolutely free from fungus, scale, and worms.

My pear crop was also very nice. I will use your Soluble Sulphur Compound exclusively next season.

W. O. WARD.

Note—Mr. Ward used 95 100-pound drums of our Soluble Sulphur Compound last season, which equals over 100 50-gallon barrels of lime-sulphur solution. He is one of the largest and most progressive fruit growers in New York State.

Burt, N. Y., Sept. 16, 1913.

I used nearly all of the dry preparation this year, and our apples are smooth, and very little fungus. It is better to handle, dissolves easily, and work good in the sprayer. Some claim that it burned their foliage. It did not burn any of our apple foliage, but it showed a little burn on the pears—not enough to hurt the fruit. Our pears were as clean as could be.

CHRIS BOBZIEN.

Note—The Van Horn orchard is well known as one of the best orchards in Western New York. Mr. Willis Van Horn, of Hood River, has kindly given us permission to use this letter.

SOUTH CAROLINA STATE CROP PEST COMMISSION

Clemson College, S. C., Sept. 27, 1913.

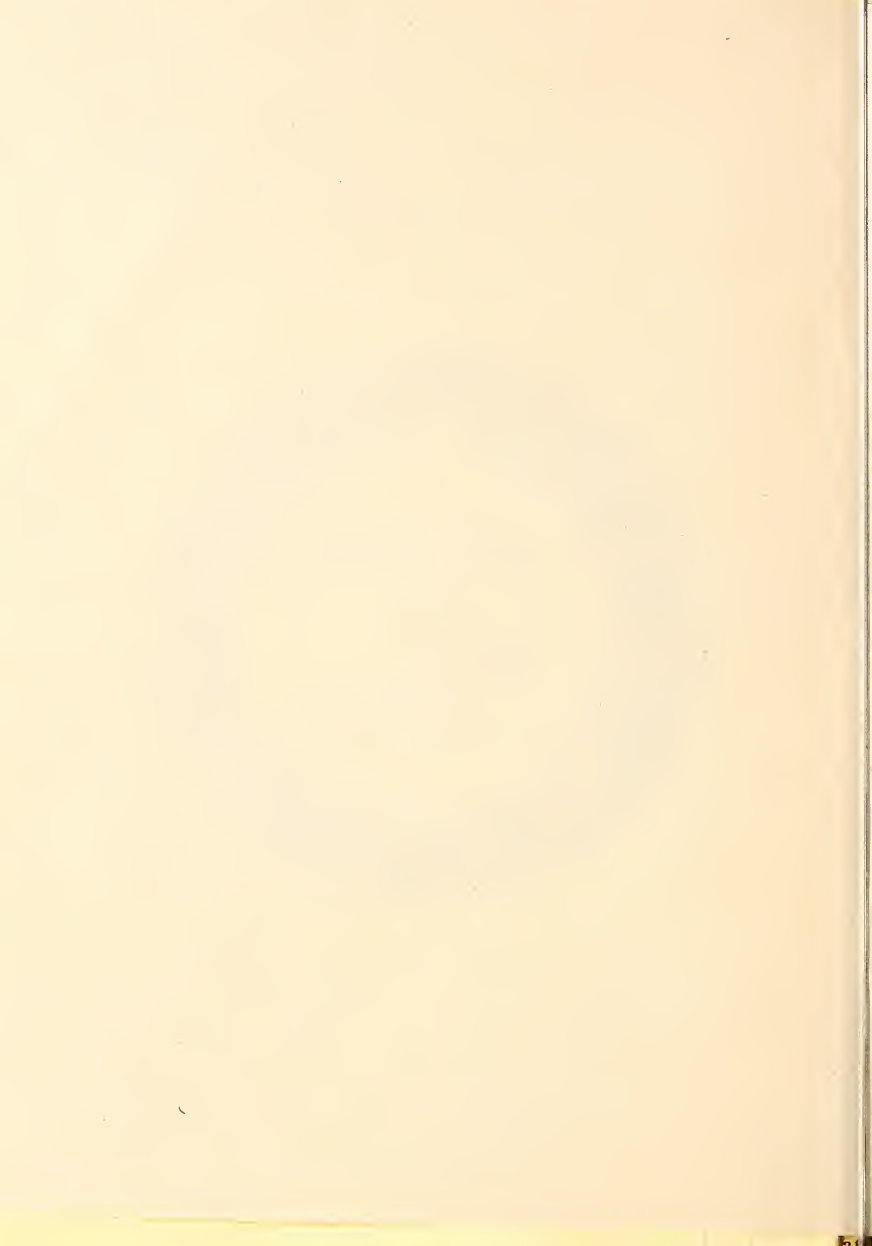
I have your letter of the 24th in regard to Soluble Sulphur Compound, and wish to say that we have used this thoroughly as a winter spray against scale, and have found it entirely satisfactory.

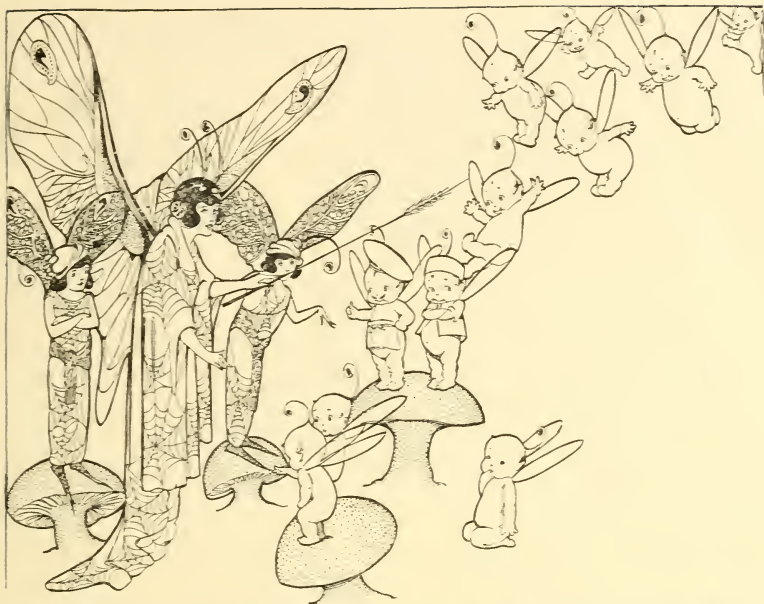
A. F. COURADI, Entomologist.

DIRECTIONS ARE ON EVERY PACKAGE; FOLLOW CAREFULLY.



THE STORY
OF THE
HOLLY
WREATH

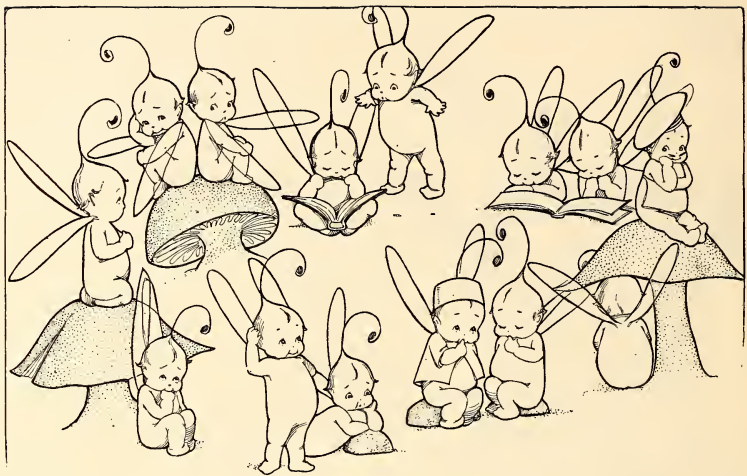




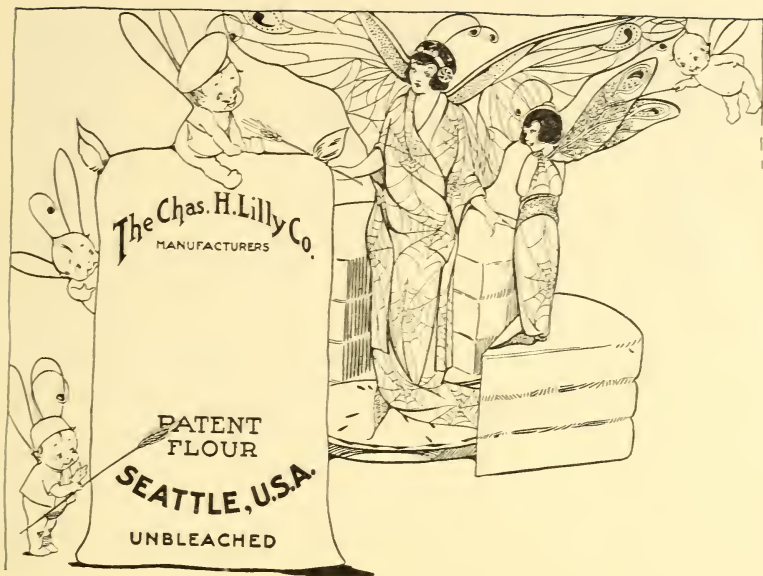
A CHRISTMAS NAME OF EVERYDAY FAME

BY G. HERB PALIN

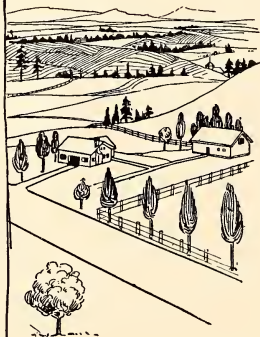
*Said the Queen of the Fairies
One Christmas Eve:
We are going to earth;
But 'fore we leave
I'll offer a prize to any Sprite
Who'll coin a word
That means delight.*



*I'm naming a Flour
Of wondrous worth,
To give to mortals
Who dwell on earth;
A Flour that's pure,
And never bleached,
A Flour in which
Perfection's reached.*



'Tis a Christmas gift
Without a peer—
A Fairy Flour
For all the year,
To be in a class
That's all alone,
For rising worth
Forever grown.



*So come, little Sprites,
And far we'll fly,
While the stars are bright
And the moon is high;
Just think of a name,
Of Christmas time,
That will be famous
In every clime.*



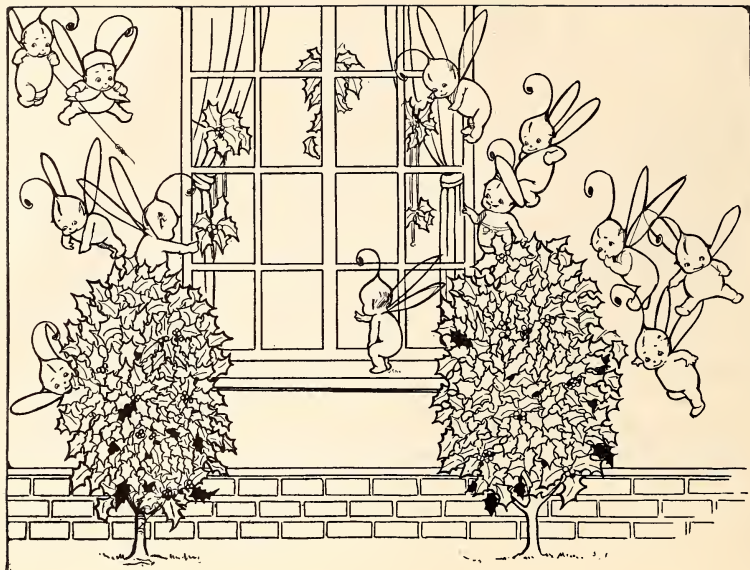
*Then the Fairies
Did spread their wings—
Those graceful, magical
Sailing things—
And sailed through the sky
To the earth below,
All glowing bright,
With a Yuletide glow.*



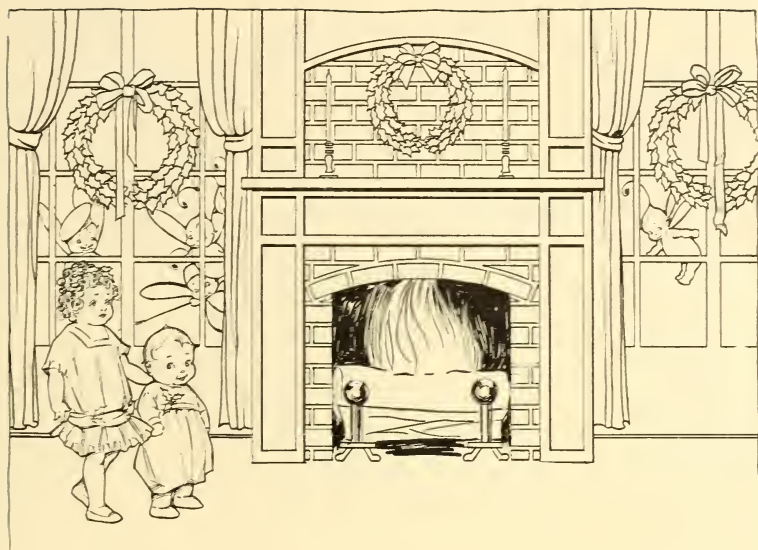
*The world was merry,
And laughter rang,
As children romped
And played and sang;
For Santa Claus,
With his bag of toys,
Was bringing presents
For girls and boys.*



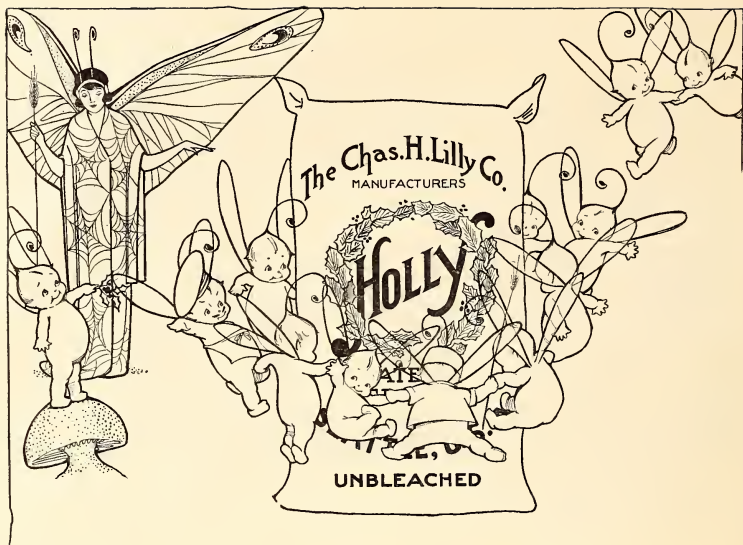
*The Fairies wear
Invisible cloaks,
So they hear all secrets
And know all jokes:
They peeped into windows,
Saw Christmas trees,
And stockings hanging
With presents to please.*



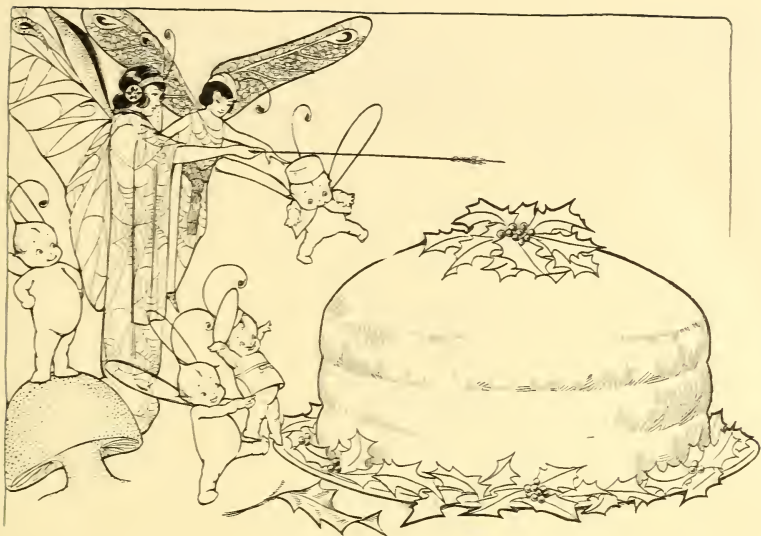
*And everywhere,
In city and town,
For the Sprites looked up
And the Sprites looked down,
They saw Red Berries
And Leaves of Green
In every home
That their eyes had seen.*



*Saw them on trees,
Where the presents hung;
Saw them in church
Where the choirs sung;
Saw them on walls,
And mantels, too;
And even on heads,
Saw quite a few.*



*Let's call the Flour
A good name—"Holly"—
Won't it be cheerful,
And won't it be jolly?
'Tis a Christmas name
That mortals know—
A beautiful, pleasing
One to show.*



*“You win!” cried the Queen,
“My ‘Little Glad Eyes’
A HOLLY Cake
Is your Christmas prize.”
And she waived her wand
And the cake was there—
A mighty one
From “Just Guess Where?”*



*And that's how the Fairies
Named the Flour
That's famed for worth
And great food power;
And that is what happened
One Christmas Eve,
When "Holly" did first
Its fame achieve.*



LILLY'S

1917

LILLY'S