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Better Bred Seeds for Your 1945 Plantings

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From Better Seeds and Up-to-Date Practices





BETTER BRED SEEDS

Hybrid sweet corn,
field corn, potato, oat,
cabbage, field pea,
barley, wheat, soy bean,
rye, alfalfa, clover, grass,
other forage crop seeds.



HONEOYE FALLS, N. Y. - MARCH 1, 1945

FARM CHEMICALS

Seed disinfectants,
seed inoculants,
fertilizers, sulphur,
gypsum, lime,
dusts and sprays.
Also drain tile.

Dear Friend:— Winning the war is now assured, but winning the peace is still uncertain. Nothing will be more potent than food in holding in check the forces of anarchy and disorder ready to spring up in the liberated and conquered countries of Europe and Asia. Not only are the lives of millions of people concerned, but the peace and welfare of the world for years to come may depend upon this season's food production. With less manpower and depreciated machinery, and with risk of unfavorable weather in some important producing area, there is real danger of insufficient food being produced. So again, it is our high privilege as well as our duty to produce to the limits of our strength, ability and resources. This is our part in bringing out of this greatest catastrophe ever to befall mankind, a far better world for all people than ever has been possible before.

Hopefully, K. C. LIVERMORE

Quaker Hill Hybrid Sweet Corns

They actually yield 25% to 100% more than the old favorites, are much more uniform, have high quality and all of them are resistant to the dread wilt disease. The seed is produced by controlled cross pollination of specially bred strains. The seed costs more, but results justify the cost many times over.

We offer hybrids that ripen at different times, each being one of the best available in its ripening period. One can choose those that best suit his market or can provide a continuous supply from early to late by planting at one time several that will ripen in succession and then following with successive plantings of a late one.

In the brief descriptions given below, the maturity dates are approximate for this section and naturally vary with locality and season. They are comparable with Golden Bantam at 80 days.

SPANCROSS - 65 days, 19 earlier than Golden Cross. Earliest wilt resistant hybrid available. Cold resistant. Prolific yielder of very uniform, attractive, medium size, 10 to 12 rowed ears. 1940 winner of "All America" award. Very profitable for early marketing. Every home gardener should plant Spancross for his first picking.

MARCROSS - 68 days. Follows Spancross, 16 days ahead of Golden Cross. Wilt resistant, good yielder, large 12 rowed ears, better quality, excellent market type. A money maker for commercial growers.

CARMELCROSS - 72 days. Wilt resistant, fine quality, 12 rowed large ears, 12% to 30% more ears than Marcross. In many trials it has proved superior to all others in its maturity class.

LINCOLN - 78 days, 6 days ahead of Golden Cross. Another winner of "All America" award. Wilt resistant, drought resistant, wide adaptation. Ears 12 to 16 rowed, 15% to 25% heavier than Golden Cross and equal or slightly greater in number. Very tender, good flavor, highly attractive appearance. Out sells all competitors. Successive plantings recommended for markets where size and appearance count most.

LEE - 78 days, in Lincoln class. Ears slightly larger; quality a little better. Better for New England and Eastern New York.

GOLDEN CROSS BANTAM - 84 days. Wilt resistant, 12 rowed, high yielder, good size, excellent quality. One of the first hybrids and still the best in its maturity period.

SILVER CROSS BANTAM - 84 days. A white counterpart of Golden Cross, yielding nearly 100% more than Country Gentleman and Stowell's Evergreen and tops in sweetness, flavor and tenderness. Apparently wilt resistant.

IOANA - 87 days. Appearance, quality, size, ears like Golden Cross. Stalks larger, suckerless. Notably resistant to heat and drouth. Out yields Golden Cross under such conditions. Wilt resistant.

MAGNAGOLD - 90 days. Wilt resistant, 16 to 18 rowed ears, larger than Golden Cross, heavy yielder, equal quality. Lots of fodder. Best late yellow sweet corn hybrid available yet. Customers report fast selling at premium prices.

GRADES

Seeds of the above are offered in four grades and the amounts usually required per acre are:—

	LARGE FLAT	MEDIUM FLAT	LARGE ROUND	MEDIUM ROUND
SPANCROSS and MARCROSS	11.0 lbs.	7.5 lbs.	12.5 lbs.	8.5 lbs.
ALL THE OTHERS	9.0 lbs.	6.5 lbs.	10.0 lbs.	7.0 lbs.

SEE PRICES PAGE 3

Family Garden Sweet Corn Assortment

Here is a package of assorted hybrid sweet corn seeds, ripening in succession, that provides an average family with an abundance of delicious fresh sweet corn from early summer till fall, and plenty to can or dry for winter. It includes 2 oz. each Spancross, Marcross, Carmelcross, Lincoln, Magnagold and 12 oz. Golden Cross with directions for planting. Lots of enjoyment and real savings on food costs come in this package. Decide now to feast on sweet corn this summer. Price \$1.00 postpaid 1000 miles (5th zone) in U. S., \$1.10 beyond and in Canada. Add 20¢ for enough new Green Gold Squash seed, planted in the corn, to supply the average family all winter.

Quaker Hill Certified Seed Potatoes

Seed potato value depends mostly on (1) freedom from disease carried in the tuber, (2) the breeding of the strain and (3) condition of the seed. The first two cannot be told fully by appearances, yet are most important. The buyer must depend on the certification tag and the word of the seller.

All our certified lots are from fields reported by the inspectors either free or very nearly free of virus diseases. The not certified lots were grown from certified seed and especially for seed use. Special precautions have been taken to guard against bacterial ring rot and we are as sure as can be, that the disease is not present in any of the seed potatoes offered. All lots are backed by years of careful breeding. They are northern grown, well stored, well graded and guaranteed to reach you in satisfactory condition.

The best of the new and old varieties are listed below, in the order of their ripening. See page 3 for sources, grades and prices.

WARBA - Ten to 14 days earlier than Cobbler. Generally outyields it. Quality is very good. It resembles Cobbler, but has pink eyes. Mosaic resistant; susceptible to scab, leaf roll, etc. Best early in our judgment. Better plant Warba for your summer supply and for market, too.

IRISH COBBLER - For many years the main early potato. Round, white, deep eyed tuber of excellent quality. Prince Edward Island certified Cobblers are available this spring.

CHIPPEWA - Week later than Cobbler. Beautiful white, flattened round potato with few and shallow eyes. Cooks white and firm, but not mealy as most people like. Excellent for chipping and French frying. Resistant to mild mosaic, very susceptible to leaf roll and scab.

GREEN MOUNTAIN - Mid season. Fine quality. Requires cool moist climate. Not recommended elsewhere.

KATAHDIN - Matures with Green Mountain or a few days later, a week earlier than Rurals. Fine appearing, white-skinned, round, flattened potato. Quality good. Resistant to virus diseases, scab susceptible. Sets lightly but develops nearly all No. 1 size potatoes. Sets shallow, needs more and later covering.

RUSSET RURAL - Deep rooted high yielding late potato that withstands adverse conditions. Normally excellent eating quality but dark skin unattractive to buyers. Scab resistant, virus susceptible.

WHITE RURAL - Smooth or White Rurals have same adaptations as Russets but sell better.

SEBAGO - Has proven resistant to blight both early and late and also to yellow dwarf, mild mosaic and scab. A little later than Rurals. Smooth, shallow eyed, white skinned, round tubers. Attractive as Chippewa. Table quality excellent, equal to any in our opinion. In many tests, Sebago's yields were generally equal to or better than other varieties. Popularity increasing rapidly in late potato areas. We recommend it highly for either garden or field.

PONTIAC - A late maturing red potato resembling Bliss Triumph. Hardy, vigorous, very heavy yielding variety. Good quality. Scab susceptible. Salability uncertain.

SEQUOIA - Recent introduction. Yields averaging more than any other. Tolerant to flea beetles, leaf hoppers and drought. Somewhat resistant to blight and frost. Scab susceptible. Late maturing, must be planted early. Tends to grow oversize unless planted close. Quality very good. Very promising. Better try Sequoia.

Greater Profits From Pasture Improvement

High feed costs and high milk and meat prices have boosted profits from good pastures tremendously. Never before has pasture improvement offered so rich rewards. No stockman can afford to ignore them. At Cornell, after much research, methods of improvement have been perfected and put into practice that produce much greater annual net returns than are secured from most other crops. Better write Agronomy Dept., College of Agriculture, Ithaca, N. Y. for Bulletin 393 and other literature on pasture improvement. Start improving your pasture this season. We can supply the recommended seeds. See price list, page 3.

Oats, Barley, Peas and Mixtures

These are the varieties that have proved best in New York and adjacent areas.

LENROC OAT - Best for the Northeastern States. It has averaged 2 to 5 bushels more than other station developed varieties and usually yields 5 to 15 bushels more than most varieties from the Central West. Tree type; tall strong straw; white, medium size kernels; thin husk.

Most oat growers in New York and near-by will do best with Lenrocs (in certain cases Uprights) and no better seed is available than that from Quaker Hill Farm.

UPRIGHT OAT - Outstands all others. Safest and most profitable on rich or low land where other varieties might lodge. On lighter or poorer soils Upright yields about 5 bushels less than Lenroc. On rich ground Upright is safer and better than Lenroc or any other oat available. Tree type; tall, very strong straw; large, white kernels.

If your oats usually lodge, Upright will solve the problem.

VICLAND OAT - A rust and smut resistant high yielding oat developed recently by Wisconsin plant breeders. Tree type; short, very stiff straw. Small, yellow, thin hulled, heavy kernels. Early maturing, an advantage in late or hot seasons. Best yielder in Wisconsin; performed well in East last two seasons.

VICTORY OAT - Usually heaviest and best looking. Formerly a leader in Eastern yield tests. Now very popular in Western States. Tree type; short plump white kernels; large meat; good straw. Later than the others.

ALPHA BARLEY - Best two rowed barley for Northeastern States. Wide adaptation, excellent straw, large kernels, high yields. Best for mixtures with oats. Best for milk production but not for beer. Stands better after ripening than other kinds. Best for combining. Threshes cleaner. Its beards are barbed but not uncomfortably so.

WISCONSIN 38 BARLEY - Highest yielding, six rowed barley. Smooth bearded. Little later than Alpha but can be grown satisfactorily with Lenroc and Upright oats. Straw shorter and weaker than Alpha but better than other barleys. Kernels medium. Best substitute for Alpha in Northeast.

WHITE CANADIAN FIELD PEAS - One of the best in yield of grain and vine growth. Grown in West to escape blight infection. Blight infected seed is unsafe. Peas require inoculation, high lime soil, cool climate, early and shallow planting.

GRAIN MIXTURES - We offer Lenroc oats and Alpha barley, with or without field peas, in proper proportions. These high yielders, ripening nearly together, often yield more than one alone and make better feed.

GREEN FEED OR HAY MIXTURES - Oats and peas make a very nutritious green feed or hay that cattle relish. A patch handy to the lane or pasture is worth a lot when pastures dry up. Our mixture of Upright oats and disease free peas yield considerably more forage than other varieties.

SEE PRICES ON PAGE 3

Special Forage Crops

WILD WHITE CLOVER - Best clover for permanent pastures and lawns. Recommended by Cornell pasture experts and approved in Soil Conservation program. Hardier and more productive than White Dutch. Flowers less, spreads rapidly, makes denser sward and pasturage richer in protein. Also increases growth of other pasture plants by supplying nitrogen and keeping soil cooler and more moist by the mulching effect of its dense growth. Inoculate with Nitragin B.

In a Cornell test, Kentucky Blue Grass plus Wild White Clover produced five times as much feed as Kentucky Blue Grass alone. Seed only one pound per acre, preferably in Cornell Special Pasture Mixture, or if no better way, broadcast on established pasture, when ground is honeycombed with frost. Mix the seed with fine sand or other carrier to help sow evenly.

WILD BIRD'S FOOT TREFOIL - Two types of this plant have been discovered in Eastern New York. The broad leaf type grows like alfalfa with a deep feeding taproot and a crown with many shoots; and it equals alfalfa in productivity and feeding value. But unlike alfalfa it can produce on wet and on acid soils and is more winter hardy and longer lived. It is hardier also than any of the commercial strains. This wild Bird's Foot Trefoil is that long sought substitute for alfalfa on the more acid soils of the Northeastern States.

The narrow leaf type grows close to the ground and is better for pasture than for hay. It promises to fill the place of Wild White Clover for pasture mixtures on wet and acid soils.

Early spring seeding is advised and very light covering, $\frac{1}{4}$ " to not over $\frac{1}{2}$ ". Both types give best results when sown in mixture with supporting plants. For hay, sow 5 lbs. of the broad leaf type with 8 lbs. Timothy or 4 lbs. Red Top. For pasture, sow 4 to 8 lbs. either type with 15 lbs. Ky. Blue, Canada Blue or Orchard Grass or a mixture.

DOMESTIC RYE GRASS - Strongly recommended for winter cover crop after vegetables, corn, tobacco, etc. Proved superior to rye, sweet clover and other crops. Seed is cheap, catches well, interferes little with main crop, is satisfactorily winter hardy, makes surprising-

ly dense root growth but no rank woody spring growth, plows and fits like sod. Sow 20 lbs. per acre at last cultivation in cultivated crops or broadcast over them before or after harvest or sow in disked grain stubble. Covering seed should be done very lightly if at all. Sowing should be done by winter wheat planting time. Early sowing affords fall pasture. If not spring plowed, it may be pastured then or cut for hay or threshed for seed.

SUDAN GRASS - The dairymen's friend. Sudan makes pasture, green feed, hay or silage that dairy cattle relish and respond to wonderfully. Sow from corn planting time to July 1st, 5 to 8 lbs. per acre in rows cultivated, or 20 to 30 lbs. broadcast. Early plantings make two cuttings. Cut for hay shortly after blooming. Seed cost is low, returns high. More dairymen should provide Sudan Grass and avoid the summer slump in milk production.

LADINO WHITE CLOVER - Most valuable recent addition to our forage crops. A giant type white clover similar to Wild White in spreading habit, palatability and being a perennial, but growing large enough to be used for hay. Recommended in hay seedings where 2nd growth is to be pastured or where the field is to be mowed for a year or two and then pastured for a time. It is used in Cornell Utility and General Purpose Mixtures, 1 lb. per A. This small seeding produces good yields of pasture or hay several years after Red and Alsike clovers have run out. Ladino yields well on many fields not adapted to alfalfa or wild white clover and deserves wider use as a substitute for them in hay and pasture mixtures. Orchard Grass and Timothy combine well with Ladino but Kentucky Blue Grass tends to run it out. Red and Alsike Clovers may be combined with it. Best results require liberal fertilizing with phosphorus and potash. Use Nitragin B.

OTHER FORAGE CROPS - Other clovers, grasses and miscellaneous forage crop seeds are listed on next page. See prices on page 3.

Field Corns

More hybrids adapted to conditions in our Northeastern States are now available. They have proven definitely their superiority over open pollinated favorites. The higher cost of seed is insignificant compared with their greater returns. Following are our selections of open pollinated and hybrid corns for different conditions here in the Northeastern States. They are based on maturity trials and observation plantings in different parts of New York. All the corns listed below are hybrids except Yates and Sheffield flints, Early Huron, Cornell 11 and West Branch Sweepstakes. All are yellow dent corns except as noted. Numbers in parentheses give approximate number of days usually required for maturing grain under conditions here. They of course vary from season to season and place to place, but show maturity differences.

For grain it is best to use corns that ripen well within the season limits. Our selections are intended to be on the safe side. For silage, corns with high grain yield records, that ripen 5 to 15 days later, usually make maximum yields of best quality silage. We have listed such for each situation described below.

VERY SHORT SEASON

Where only the very earliest corns mature; generally at elevations over 1200' and at lower elevations in Northern New York and New England.

Grain: Wis. 240, flint (90); Wis. 255 (90); Yates, vari-colored flint (90); Sheffield, flint (90).

Silage: Wis. 335, red dent (100); Early Huron (100).

SHORT SEASON

Where 95 to 100 day corns usually mature; generally at elevations of 900' to 1200'.

Grain: Wis. 275 (95); Wis. 335, red dent (100); Wis. 355 (100); Early Huron (100).

Silage: Cornell 34-53 (105); Wis. 416 (105); Cornell 11 (105).

MEDIUM SEASON

Where 100 to 110 day corns usually mature; generally at elevations of 500' to 900'.

Grain: Wis. 416 (105); Cornell 34-53 (105); Cornell 11 (105).

Silage: Cornell 29-3 (115); Wis. 464 (115); Ohio K-34 (120); West Branch Sweepstakes, vari-colored dent (120).

LONG SEASON

Where 110 to 120 day corns usually mature; generally at elevations under 500'.

Grain: Wis. 464 (115); Cornell 29-3 (115); Ohio M-20 (115); Ohio K-24 (120); West Branch Sweepstakes, vari-colored dent (120).

Silage: Cornell 29-5 (125); Wis. 608 (130).

VERY LONG SEASON

Most favored locations in areas last described.

Grain: Cornell 29-5 (125); Wis. 608 (130).

GRADES

Germinations range from 90% to 98%. Seed is graded,—Large Flat, Medium Flat, Large Round, Medium Round. This permits more accurate planting with less waste of seed and better yields. The different grades produce equally well, provided the seed is properly spaced. See page 3 for grades available and prices.

TERMS

Terms are cash with order, or 25% payment with order and balance before shipment or c. o. d. on arrival with collection fees added.

All prices include containers and are f. o. b. here except as noted.

GUARANTEE

If you are not satisfied with what you receive from us and notify us promptly, we will replace if possible or refund, as you prefer. Loss or damage in transit will be adjusted if you have agent note same on his bill. So many conditions beyond our control affect results, we cannot and do not assume any responsibility for the results secured from our seeds or other supplies. Orders are booked with the understanding that changes in transportation rates are for customer's account and that delivery is contingent on circumstances arising from the war or any other circumstances beyond our control.

Please order early. Thanks. Yours for better seeds. K. C. LIVERMORE.

PRICE CHANGES

Prices are subject to change without notice. If lower when your order is received, difference will be refunded; if higher you will be notified and may pay difference or change or cancel order.

SWEET CORN HIGH YIELDING HYBRIDS

SPANCROSS, MARCROSS, CARMELCROSS, LINCOLN, LEE, GOLDEN CROSS, IOANA, MAGNAGOLD, —
Postpaid: 1/4 lb. 25¢; 1/2 lb. 35¢; 1 lb. 60¢; 2 to 19 lb. 48¢ per lb. to 5th zone; 5¢ higher beyond and to Canada.

Not prepaid: 20 to 99 lb. 42¢; 100 lb. or more 40¢ per lb.

SILVER CROSS BANTAM, 10¢ higher. Above prices are for large flat and medium flat kernels. Deduct 10¢ for large round and medium round kernels.

When ordering more than one hybrid, the price applying to the total quantity may be used for each kind of which 1 lb. or more is ordered. Less than 1 lb. of any kind should be figured at the price applying to its own weight. FAMILY GARDEN ASSORTMENT, 6 hybrids, —Postpaid 1000 miles (5th zone) in the U. S., \$1.00; beyond and in Canada, \$1.10.

OATS Sacked 3 bu. per bag Per bu. 32 lbs.

30 BU. 10¢ LESS, 100 BU. 15¢ LESS
LENROC, the improved Cornellian ... \$1.50
UPRIGHT, with the stiffest straw ... \$1.50
VICLAND, new rust resistant oat ... \$1.50
VICLAND, certified ... \$2.10
VICTORY, heaviest oat ... \$1.35

BARLEY Sacked 2 bu. per bag Per bu. 48 lbs.

20 BU. 10¢ LESS, 70 BU. 15¢ LESS
ALPHA, 2 rowed ... \$2.50
WISCONSIN 38, 6 rowed ... \$2.40

FIELD PEAS Sacked 2 bu. per bag Per bu. 60 lbs.

10 BU. 15¢ LESS, 20 BU. 25¢ LESS
WHITE CANADA, tested disease free... \$5.00
See inoculants back page

MIXTURES Per bag 2 1/2 bu.

10 BAGS OR MORE 25¢ LESS
OATS & BARLEY, 100 lb. ... \$5.00
Lenroc 40 lb. Alpha, 60 lb.
PEAS, OATS & BARLEY, 110 lb. ... \$6.50
Peas 30, Lenroc 32, Alpha 48 lb.
PEAS & OATS, 108 lb. ... \$6.50
Peas 60 lb., Upright Oats 48 lbs.

SPRING WHEAT Per bu. 60 lb.

10 BU. OR MORE 10¢ LESS
MARQUIS ... \$3.00

SOY BEANS Per bu. 60 lb.

10 BU. OR MORE 10¢ LESS
CAYUGA, earliest black ... \$3.20
SENECA, early, yellow, prolific ... \$3.20
MUKDEN, better for combining, yellow \$3.20
MANCHU, later, for hay or silage ... \$3.60
HABERLANDT, best with corn for silage \$3.80
WILSON, for plowing under, late, large \$3.60
(See inoculants back page)

BUCKWHEAT Per bu. 48 lb.

10 BU. OR MORE 10¢ LESS
JAPANESE OR SILVER HULL ... \$2.00

SQUASH Top Quality

GREEN GOLD, improved Buttercup. Post-paid: Pkt. 20¢; oz. 30¢; 1/4 lb. 60¢; lb. \$2.00.

FIELD CORN 10 BU. OR MORE Per bu. 56 lb.

VARIETY	Grades Available	Flats	Rounds
Wis. 240	L.R.,		\$6.50
Wis. 255	L.R.,		\$6.50
Yates	L.F., M.F., L.R., M.R.	\$4.40	\$3.90
Sheffield	L.F., M.F., L.R., M.R.	\$4.40	\$3.90
Wis. 275	L.F.,	\$7.50	
Wis. 335	L.F.,	\$7.50	
Wis. 355	L.F.,	\$7.50	
Early Huron	L.F., M.F., L.R., M.R.	\$4.00	\$3.50
Wis. 416	L.F.,	\$7.50	
Cornell 34-53	M.F., L.R., M.R.	\$7.50	\$6.50
Cornell 11	L.F., M.F., L.R., M.R.	\$3.90	\$3.40
Wis. 464	L.F., M.F., L.R., M.R.	\$7.50	\$6.50
Cornell 29-3*	L.R., M.R.		\$6.50
Ohio M-20	L.F., M.F.,	\$7.50	
Ohio K-24	L.F., M.F.,	\$7.50	
Sweepstakes	L.F.,	\$3.90	
Cornell 29-5			Sold Out
Wis. 608	L.F., L.R.,	\$7.50	\$6.50

* Very little left. Indicate 2nd choice.

POTATOES F. O. B. here. Per 100 lb. Except as stated

To save time and bags we will not break bags except in Warba and Sebago and as listed. They are best garden varieties.

"Cert" means certified. "A" means U. S. No. 1, 1 1/2" or 2" to 12 oz. "B" means U. S. No. 1, 1 1/2" to 1 3/8" or 2". "Com." means U. S. Commercial grade, which includes minor defects like sun greening, slight cuts or insect work, not to exceed 15%.

Ask for special prices on 200 cwt. or more. Truck deliveries are possible when volume and return loads justify.

Important—Please Read

The following prices are based on April delivery. For full payment in March whether delivery can be made then or not 10c per cwt. may be deducted. For final payment or for requested delivery in May 10c per cwt. is to be added to these prices.

Since some of these prices are below our O.P.A. ceilings, they are subject to change either way.

No potato orders will be booked unless accompanied by payment of at least 25%.

	1 to 9 cwt.	10 cwt. or more
WHITE WARBA, Minn. cert. A.	\$5.10	\$4.90
15 lbs. \$1.00; 30 lbs. \$1.75; 60 lbs. \$3.25		
WARBA, N. Y. not cert. A or B	\$3.70	\$3.50
COBBLER, P.E.I. cert. A	\$5.00	\$4.80
Same in 75 lb. bags A or B	\$3.75	\$3.60
COBBLER, N. Y. not cert. B	\$3.70	\$3.50
CHIPPEWA, N. Y. cert. A	\$5.00	\$4.80
KATAHDIN, N.Y. & P.E.I. cert A	\$5.00	\$4.80
KATAHDIN, N. Y. not cert. A	\$4.20	\$4.00
KATAHDIN, N. Y. not cert. B	\$3.90	\$3.70
GREEN MT., P.E.I. cert A	\$5.00	\$4.80
WHITE RURAL, N.Y. cert A	\$5.00	\$4.80
RUSSET RURAL, N. Y. cert A	\$5.00	\$4.80
SEBAGO, P.E.I. cert A	\$5.00	\$4.80
15 lbs. \$1.00; 30 lbs. \$1.75; 60 lbs. \$3.25		
SEBAGO, N. Y. not cert. A	\$4.20	\$4.00
SEBAGO, N. Y. not cert. B	\$3.90	\$3.70
PONTIAC, N. Y. cert. A	\$4.90	\$4.70
SEQUOIA, N. Y. not cert. A	\$4.20	\$4.00
SEQUOIA, N. Y. not cert. B	\$3.90	\$3.70

For full payment in March deduct 10c from above. For final payment or for delivery in May add 10c to above.

CABBAGE Very little left Hot Water and Semesan Treated Per lb.

POSTPAID	Pkt.	oz.	1/4 to 1 lb.	5 lb.
Golden Acre	25	\$.25	\$.50	\$5.00 \$4.50
Copenhagen Market	25	.50	.50	\$5.00 \$4.50
Reed's Glory	25	.50	.50	\$5.00 \$4.50
Quaker Hill Danish				Sold out
Reed's No. 22 Danish	25	.80	.80	\$8.00 \$7.50
Reed's Red Danish				Sold out

ALFALFA Highest quality. Northern grown. 300 lbs. or more 1/2¢ less SOLD OUT

CLOVER Highest quality. Approved sources. 300 lbs. or more 1/2¢ less

	Per bu.	Per lb.
MEDIUM RED, domestic	\$27.00	\$.45
MAMMOTH RED, domestic	\$27.00	\$.45
ALSIKE, domestic	\$25.65	\$.42 3/4
W. B. SWEET CLOVER	\$12.00	\$.20
For less than 5 lb. of	Postpaid	Not paid
the following, add 10¢ lb.	5 to 19 lb.	20 lb. up
N. Z. Wild White	\$1.20	\$1.15
LADINO WHITE	\$2.30	\$2.20
WHITE DUTCH	\$.90	\$.85

BIRD'S FOOT TREFOIL (Special inoculant included.)
Broad Leaf, hay type ... \$1.70 \$1.60
Narrow Leaf, pasture type \$2.00 \$1.90
See inoculants back page

TIMOTHY Highest Quality

200 LB. OR MORE 1/2¢ PER LB. LESS
45 lbs. per bu. Per bu. Per lb.
COMMON, 99.50 to 99.80% purity \$4.05 \$.09
Per full 3 bushel bag, \$11.50
MIXED, 20% or more Alsike ... \$7.20 \$.15
Per full 3 bushel bag, \$21.00
CORNELL No. 1777 ... Sold out

MISCELLANEOUS Best Grade. Per lb.

100 LBS. OR MORE 1/2¢ per lb. LESS	Less than 10 lbs. any item, add 10¢
KENTUCKY BLUE GRASS	\$.35
CANADA BLUE GRASS	.38
ALTA FESCUE GRASS	.40
CREeping RED FESCUE GRASS	.80
CHEWING'S FESCUE GRASS	.80
COLONIAL BENT GRASS	.78
ORCHARD GRASS	.38
RED TOP	.22
REED CANARY GRASS	.45
DOMESTIC RYE GRASS	.12
SMOOTH BROME GRASS	.22
PERENNIAL RYE GRASS	.24
SUDAN GRASS	.10
JAPANESE MILLET	.07
HUNGARIAN MILLET	.09
GOLDEN MILLET	.09
PROSO MILLET, for grain	.07
DWARF ESSEX RAPE	.25
SORGHUM	.10
HAIRY VETCH	.19
SPRING VETCH	.13

Cornell Pasture Mixt. Per lb.

100 LBS. OR MORE 1/2¢ PER LB. LESS
SPECIAL PASTURE, 25 lbs. per A ... \$.58
GENERAL PURPOSE, 20 lbs. per A42
UTILITY, 20 lbs. per A39
LADINO GRASS, 16 lbs. per A51
POULTRY PASTURE, 14 lbs. per A63

Lawn Mixtures Recommended formulas Per lb.

100 LB. OR MORE 2¢ PER LB. LESS
QUAKER HILL STANDARD
Post paid Not paid
With Clover, ... under 20 lbs. \$4.5; 20-99 \$4.40
Without Clover, under 20 lbs. \$4.1; 20-99 \$3.6
QUAKER HILL SHADE
Without Clover, under 20 lbs. \$.65; 20-99 \$.60



Farm Chemicals for Seeds and Soil

NITRAGIN LEGUME INOCULANTS

CULTURE A for alfalfa, sweet clover, yellow trefoil and **CULTURE B** for medium, mammoth, alsike, crimson, Ladino, wild white and white Dutch clovers, 1 bu. size 50c; 2½ bu. size \$1.00.

CULTURE C for vetches, field peas, garden peas, 100 lb. size \$.50; 1200 lb. size \$5.70.

CULTURE D for field, garden beans, 1 bu. size 35c. **CULTURE S** for soy beans, 2 bu. size 30c; 5 bu. size 55c; 30 bu. size \$3.25.

STANLEY'S CROW REPELLENT

½ pt. (treats 1 bu. corn) 60c; pt. (treats 2 bu. corn) \$1.00; qt. (treats 4 bu. corn) \$1.75.

SCARE CROW

½ pt. (treats 1 bu. corn) 40c; pt. 60c; qt. \$1.00.

ARASAN

For vegetable seed; 1/3 tsp. per lb. large seeds to 2/3 tsp. for small seed or 2 to 4 oz. per 100 lbs.; 1 oz. \$.16; 8 oz. \$.80; 5 lb. \$6.45; 25 lb. \$30.00.

CERESAN

For oats, barley, wheat (1 lb. treats 32 bu.); 1 lb. 80c; 4 lb. \$2.70.

SEMESAN JR.

For corn, 1½ oz. per bu.; 1½ oz. 15c; ¾ lb. 56c; 6¼ lb. \$3.75.

SEMESAN

For vegetables and flower seeds and bulbs; 2 oz. 40c; 12 oz. \$1.90; 4 lb. \$9.10.

SEMESAN BEL

For potatoes; 1 lb. per 50 to 80 bu.; 2 oz. 30c; 1 lb. \$1.65; 5 lb. \$7.15; 25 lb. \$33.25.

CORROSIVE SUBLIMATE

For potatoes, cabbage, etc. ¼ lb. \$1.00; 1 to 4 lb. \$2.80 per lb.; 5 lb. up \$2.50 per lb., express collect. Special prices on larger amounts.

YELLOW OXIDE OF MERCURY

For potatoes, 1 lb. treats 100 or more bu.; ½ lb. \$2.40; 1 to 4 lb. \$3.85 per lb.; 5 lb. up \$3.50 per lb., postage paid.

CALOMEL

For cabbage, turnip, radish, ½ lb. \$2.20; ¾ lb. \$3.00; 1 to 4 lb. \$3.50 per lb.; 5 lbs. up, \$3.20 per lb., postage paid.

YELLOW OXIDE OF COPPER

For peas, spinach, beets, 1 teaspoon per lb., or 2½ lb. per cwt.; ¼ lb. 35c; ½ lb. 50c; 1 lb. 80c; 5 lb. \$3.80, postpaid. Special prices on larger quantities.

ZINC OXIDE

For seed beds, ½ to 1 oz. per sq. ft.; 1 to 9 lb. 25c per lb.; 10 to 49 lb. 20c per lb., postage paid. Freight collect 50 lb. bags, \$6.00; 100 lb. bags \$10.00.

GRAPHITE

For coating peas to prevent breakage after treating; 2 oz. per bu.; ¼ lb. 25c; ½ lb. 30c; 1 to 4 lb. 35c per lb.; 5 lb. up, 30c per lb., postage paid. Freight collect, 100 lb. bags, \$18.00.

GUM ARABIC POWDER

To make calomel stick to cabbage seed; 1 oz. per lb. seed; 1 oz. 15c; 2 oz. 20c; ¼ lb. 30c; ½ lb. 50c; 1 lb. 85c, postage paid.

FORMALDEHYDE

For seed treating and soil disinfecting, (40%); 1 lb. can 40c; 5 cans up 35c each, express collect. Special prices on large quantities in bulk.

TOBACCO POWDER

To repel flea beetles, squash bugs, etc., for fumigating; 1 to 4 lb., 15c per lb.; 5 to 29 lb., 10c per lb., postage paid; 30 to 99 lb., 5c per lb.; 100 lb. bags, \$4.00 per bag freight collect.

SPERGON

A dust for treating seeds and soils to control fungus and bacterial diseases, 2 to 3 oz. per bu. of seed; 2 oz. 45c; 1 lb. \$2.50 postpaid; not prepaid 5 lb. \$9.95; 10 lb. \$18.50.

SULPHUR

For scabby potatoes. The easiest way to control scab on potatoes is to scatter 1 to 2 lb. of sulphur over each bushel of seed as it is dumped in the planter hopper. The action of the machine coats the seed fairly well and the surplus runs into the row. Where ever scab conditions are unusually bad, the soil should be treated as well as the seed. The same treatment also controls scab gnat and milled injury. Apply sulphur only where needed; apply 200 to 800 lb. per acre depending on the severity of the scab or as indicated by soil tests; apply after plowing and mix thoroly at least 4" deep. Use our Free Flow Sulphur. It drills better and is economical. One application lasts years. Prices f. o. b. here. 4½c lb.; \$3.50 per cwt.; \$60.00 per ton. Special prices on ton lots or more delivered from factory.

DRAIN TILE

Tile draining is the farm owner's best investment. Prices at our yard are, per 1000 twelve in. length; 3 in. \$48.00; 4 in. \$58.00; 6 in. \$108.00; branch tile, 3 in. 25c; 4 in. 35c; 6 in. 45c each. Weights of straight tile are approximately 5.5 lb., 7 lb., and 14.5 lb. each for sizes listed. Delivered truck load and carload prices on request.

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