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U.S. PATENT OFFICE
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WASHINGTON, D.C.
MAY 18 1887
REGISTERED TRADE MARK
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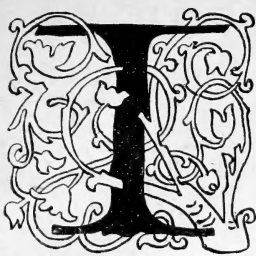


**GRIFFITH,
TURNER
& CO.**

**FARM
& GARDEN
SUPPLIES**

BALTIMORE, MD.

PRESS OF
GUGGENHEIMER, WEIL & CO.
BALTIMORE, MD.



I will no doubt be considered an extravagant statement to say that the year 1895 has been, in point of sales, the best that we have ever experienced; this is nevertheless the case. Recognizing the fact that our farmers have been realizing but small profits on their produce, we have determined to sell goods on the same basis, which necessitates a very much greater volume of business. The time for big profits has passed, and the firms that do not recognize this will unquestionably be forced out of business.

Business men as well as farmers have been taught a great lesson in economy, and the only thing for all to do is to adjust ourselves to the existing condition of things.

In consideration of the above facts, we offer a line of goods unequalled in quality and prices; when the advance in iron and steel is considered, the thoughtful man will wonder how some of the goods described on the following pages can be produced for the money, particularly when the high standard is maintained.

Our Paca Street houses have been enlarged until now the combined floor space in our different houses aggregates about 40,000 square feet. In other words we have the room in which to carry a stock sufficient to supply the immense trade which seeks Baltimore as the source of supply. Our experience has taught us that merchants and farmers want to buy where they can find a large stock from which to select; in consequence of this, we have added quite a number of new lines of goods which are fully described in this catalogue.

OUR SEED BUSINESS.

As is well known, it is impossible to build up a large trade in this line in any other way than to sell seeds that not only grow, **BUT GIVE SATISFACTORY RESULTS**; in other words it is a matter of reputation, and, judging from the increase in this line, the thousands of farmers and gardeners who plant every year our **TESTED SEEDS**, realize that we can supply their wants at moderate prices. In addition to old customers, each year supplies a new list of buyers in every section of the country, but particularly in the South and West.

IMPLEMENT DEPARTMENT.

Our specialties can be obtained through customers from Boston to New Orleans and Galveston, and as far west as St. Louis.

In the jobbing department can be found almost every kind of implement in use on the farm.

Repair shop in which we employ efficient mechanics is kept busy on Lawn Mowers and other machinery the entire year.

Vehicles, a full line at lowest prices. The growth in this department has been phenomenal and justifies us in saying that we can give you what you want at attractive figures.

In short an examination of our stock will convince you that our claims are based on facts.

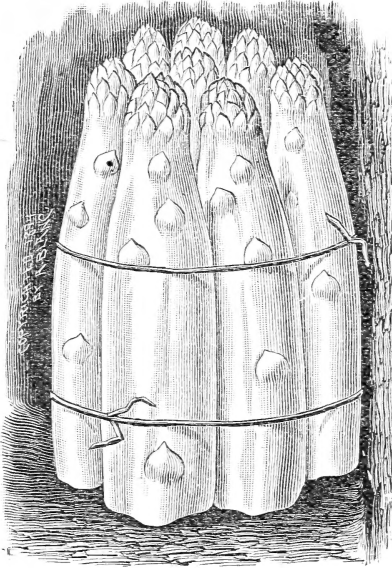
Thanking our numerous customers and trusting that our past relations have been such as to entitle us to a continuance of their patronage, we beg to remain,

Very truly,

GRIFFITH, TURNER & CO.

MAMMOTH WHITE ASPARAGUS.

A very Valuable and entirely Distinct Variety of this highly esteemed Vegetable.



It produces shoots which are white and remain so as long as fit for use, and from 80 to 90 per cent. of the plants come true from seed. This grand result has not come by chance, but is the legitimate outcome of years of patient work and careful selection by the originator.

In addition to the marvelous advantage of its white color, the Columbian Mammoth White Asparagus is even more robust and vigorous in habit and throws larger shoots and fully as

many of them as the Conover's Colossal. When we add to these the immense advantage of its needing no earthing up in order to furnish the White shoots so much sought after, we think it evident that it is superior to any sort now in cultivation, and that no Asparagus grower can afford to plant seed of any other kind.

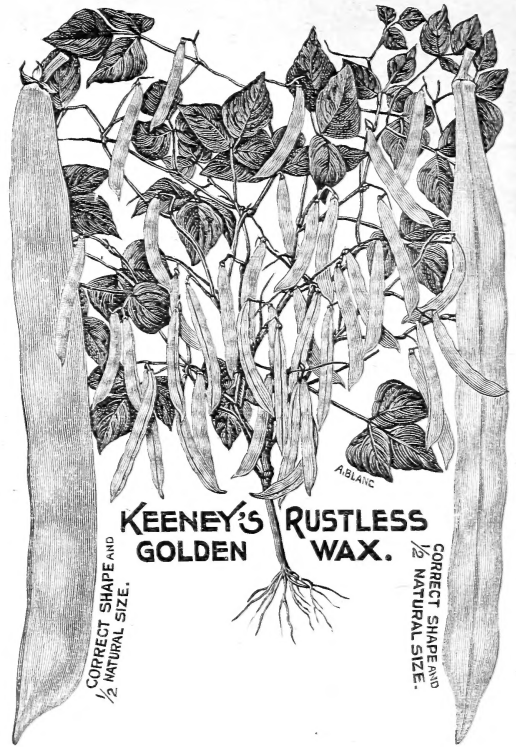
Market gardeners growers for canners and amateurs should give this great acquisition a thorough trial.

Packet, 10 cts. Oz., 15 cts. $\frac{1}{4}$ lb., 40 cts. Lb., \$1.25, postpaid.

Roots, \$1.00 per 100. \$7.00 per 1000.



LURPEE'S BUSH LIMA BEANS.



This is the long looked-for Bean, combining hardiness and productiveness with fine quality.

A strong-growing bush variety of remarkable vigor and freedom from rust. It sends out short tendrils on which pods are formed in addition to those near the central stalk of the plant, which accounts for its wonderful productiveness, amounting, under favorable circumstances, to 100 to 150 fold.

The pods are meaty and well filled, thick-flat when young and semi-round later; of rich yellow color and fine quality, and entirely stringless even when large enough to shell. If the pods are picked as fast as formed, the plant continues to furnish a bountiful supply for an unusually long season.

Pt., 25 cts. Qt., 45 cts. Pk., \$3.00. Bush. \$10.

BURPEE'S BUSH LIMA BEANS.

The grower says: The bushes grow eighteen to twenty inches high, stout growth and always erect, yet *branching so vigorously* that each plant develops into a magnificent circular bush, *from two feet to three feet in diameter*. The bush character is thoroughly established, not one plant in a thousand showing any disposition "to run." It is an *immense yielder*, each bush bearing from 50 to 200 of the handsome large pods, well filled with very large beans, which are *identical in size and luscious flavor to the well-known large pole Limas*. By the introduction of this most valuable novelty, the largest and best Lima Beans can now be raised in quantity at small cost, without the expense and labor attached to the use of poles.

$\frac{1}{2}$ pt., 15 cts. Pt., 25 cts. Qt., 40 cts. By mail, 15 cts. per qt. extra. Peck, \$2.50.

HORTICULTURAL LIMA BEANS.

A novelty of great merit, being a cross between the Dwarf Horticultural and Dreer's Improved Lima, and combining the good qualities of the latter with the earliness of the former. It has been tested thoroughly for two years and found fully as early as the Dwarf Horticultural and as prolific as Dreer's Improved Lima. Its extreme earliness will permit of its being planted far north of where any true Lima bean can be grown, while its prolificness and the quality of the green shelled beans make it a desirable addition to any garden, north or south.

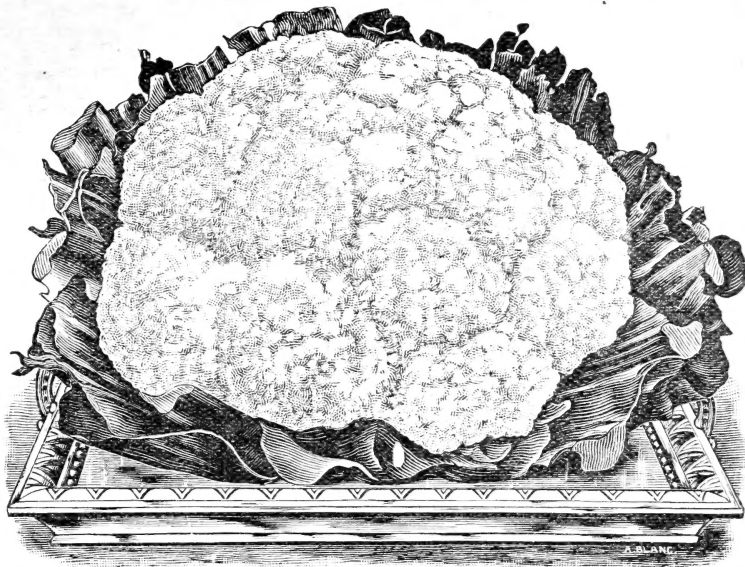
Pt., 15 cts. Qt., 30 cts. Pk., \$1.75. Bush. \$6.

GRIFFITH, TURNER & CO.'S

Giltedge Snowball Cauliflower.

Our Gilt Edge Snowball Cauliflower is, without exception, one of the finest sorts now in cultivation. It is very early; nearly every plant will, under proper cultivation, form a perfect snow white head, and its close growing, compact habit enables the grower to plant one-third more on the same space of ground than other varieties. In fact it is, and deserves to be, the standard with the market gardener and amateur.

Pkts., 25 and 50 cts.; ¼ oz., 75 cts.; oz., \$2.50.



Nott's Excelsior Peas.

An improvement on American Wonder, being more vigorous and prolific, with larger pods and more peas than either the Wonder or Premium Gem. A decided acquisition, and sure to be popular when generally known. Robust and vigorous in growth, inclined to throw out laterals from the base of the stalk, producing in profusion long handsome pods, closely packed with large peas of fine flavor.

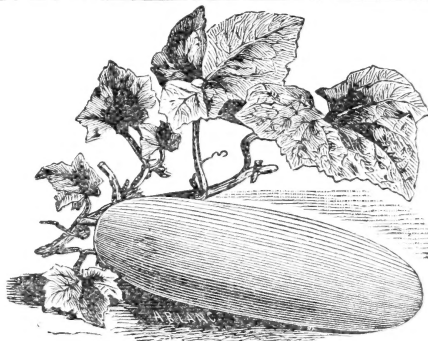
Pt. 20 cts. Qt. 35 cts. Pk. \$2.00, By mail, 15 cts. per qt. extra.



Everbearing Cucumber.

This variety is entirely new and unique, and will prove valuable both for the table and for pickling. It is of small size, very early, enormously productive, and extremely valuable as a green pickler. The peculiar merit of this new cucumber is that the vines continue to flower and produce fruit until killed by frost, whether the ripe cucumbers are picked off or not, in which respect it differs from all other sorts in cultivation.

Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.



White Wonder Cucumber.

The White Wonder surpasses the White Pearl, both in handsome appearance and fine quality, while its strong vigorous, extremely healthy habit of growth enables the vines to produce a large crop of perfect fruit, even under adverse conditions. Its strong constitution is exceptional. The cucumbers are thickly set throughout the length of the vine, and are remarkably uniform in color, shape and size; they average about 8 inches long by 2 to 2½ inches through; the skin is extremely thin, but very tough, and the pearly white flesh is exquisitely fine in quality, very brittle and remains solid for a long time. The color is always ivory white. Owing to its unusual hardness of constitution, the White Wonder can be planted earlier than most other cucumbers, and is also a sure cropper.

Per pkt. 10 cts.; oz., 15 cts.; ¼ lb. 40c.; lb. \$1.25



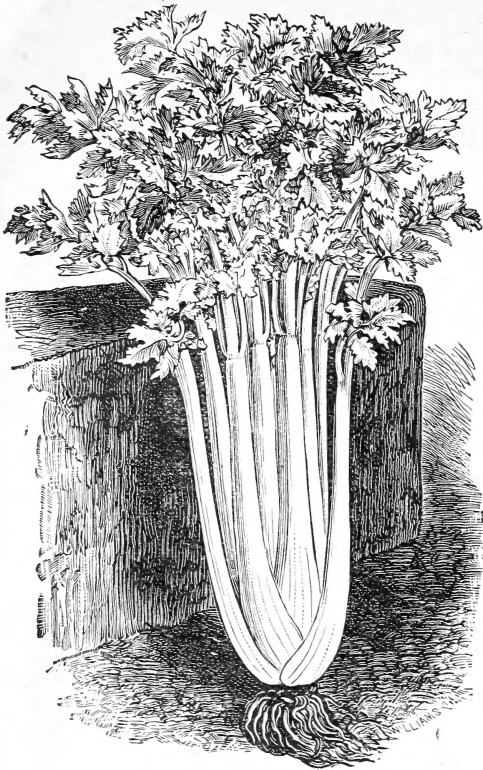
SELECT EARLY JERSEY WAKEFIELD.

Select Early Jersey Wakefield Cabbage.

The very best early cabbage, and grown more extensively by market gardeners than any other early variety. The heads are pyramidal in shape, very large and solid, and having but few outside leaves, the plants can be set close together. We secured our seed from a grower of the best Wakefield Cabbage in the country, and it is giving good results wherever it is used, so much so that our sales of this sort each season go far ahead of previous years.

Pkts., 5 and 10 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., \$2 00.

SPECIAL PRICES TO CANNERS, GARDENERS, AND FARMERS, IN LARGE QUANTITIES.

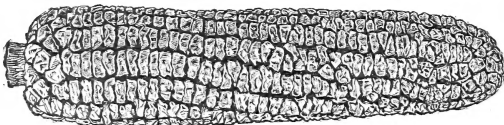


Paris Golden Self-Blanching Celery.

This cannot be too highly recommended, as after being thoroughly tested, it has fulfilled all that has been claimed for it. *It is decidedly the very best and most profitable Celery in cultivation*; it is very early and entirely self-blanching. The beautiful appearance of the plant, its close habit, compact growth, straight, vigorous stalks, solid, crisp, brittle ribs, fine quality and delicious flavor commend it to all lovers of Celery. No variety can surpass, if indeed equal, the *Paris Golden Self-Blanching* in striking appearance and delicious flavor.

Mr. William Jasper, Putty Hill, Md., says: "I had your Golden Self-Blanching Celery last year, and I had the prettiest Celery in Bel-Air market."

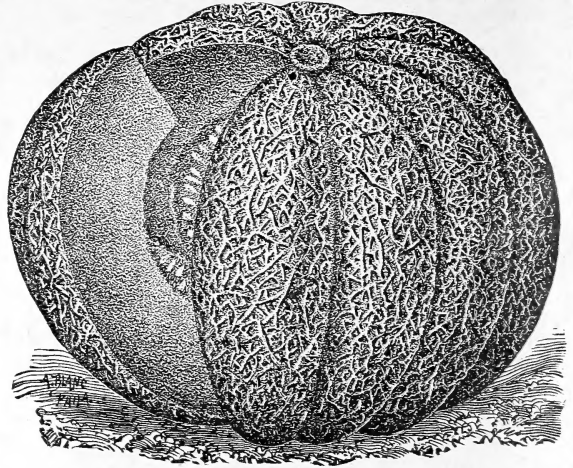
Packets, 5 and 10 cts. Oz., 30 cts. $\frac{1}{4}$ lb., 85 cts. Lb., \$3.00.



Truckers' Early Sugar Corn.

This is the most desirable variety of Sugar Corn for Truckers and Gardeners to plant early. As its many excellent qualities are becoming generally known, it has come to be one of the standard sorts. It is ten days earlier than Evergreen, very productive, growing two to four ears to the stalk. The ears set low, are large and well filled, the grain long and narrow, similar to Evergreen, but smaller. It is one of the most productive varieties in cultivation.

Qt., 20 cts. Pk., 85 cts. Bushel, \$3.00.



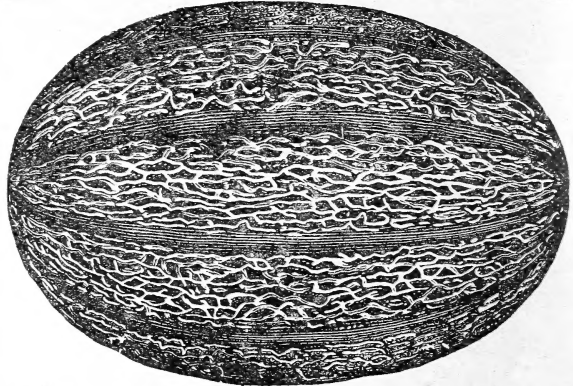
Anne Arundel Canteloupe.

This handsome melon has for several years been a special favorite with a number of the leading growers of Anne Arundel County, Md. Knowing its value we secured the stock and introduced it three years ago. It has met every promise we made for it upon its introduction. One grower says: "It is in all respects one of the best of melons." Another says:

Portsmouth, Va., Oct. 28, '93.
Dear Sirs:—The Anne Arundel Canteloupe was perfectly satisfactory, just what it is claimed to be—it proved to be early, of good size, and gave me a large yield."

It is very large, nearly round, deeply netted and of good flavor. A wagon load of them at once attracts the buyer's attention, and when piled up on a market stall they are irresistible. No large grower's stock is complete without this superb melon.

Packets, 5 and 10 cts. $\frac{1}{4}$ lb., 25 cts. Lb., 75 cts.



Baltimore Nutmeg Canteloupe.

Well known and very popular with Market Gardeners and Truckers around Baltimore. It well deserves the praise it has received. It is of good size and shape, of rich flavor and a splendid shipper. Our seed is from select stock.

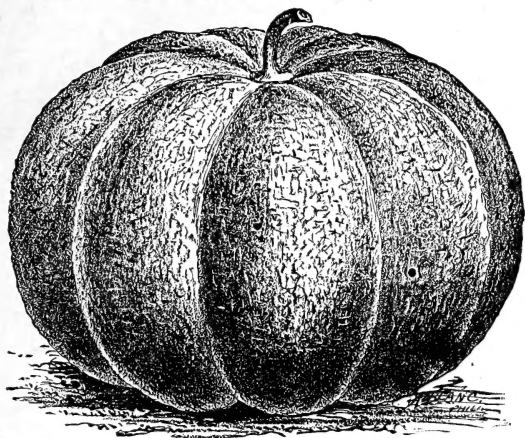
This favorite and well known Canteloupe, introduced some years ago, is now a leading sort all over the country, and catalogued by all the principal Seedsmen. It is early, of good size and shape, of rich flavor, and as a shipper has no superior. In passing through the field where our seed was growing to inspect the crops, we were surprised at the uniformity in the shape and size of the fruit.

Pkt., 5 cts. Oz., 10 cts. $\frac{1}{4}$ lb., 25 cts. Lb., 75 cts.
5 lbs., \$3.00.

GRIFFITH,
TURNER
& CO.
BALTIMORE.

THE MUSK MELON FOR THE SOUTH.

Southern Beauty Canteloupe.



This is a new introduction of great merit and value. It is of medium size, extraordinarily prolific, very heavily netted, green fleshed and of delicious flavor.

The Grower says: "It is the finest canteloupe I have ever planted, particularly suited to the southern climate. It is remarkably free from rot of all sorts, caused by damp or rainy weather, and will hold up a long time after they have ripened, the outer rind remaining firm and sound for at least ten days after the melon first ripens." Again he says: "I shipped these canteloupes last season from this point to Chicago, Ill., Cleveland and Cincinnati, Ohio, by freight, where they arrived in perfect condition and brought fancy prices." This was proof positive of its fine keeping and shipping qualities.

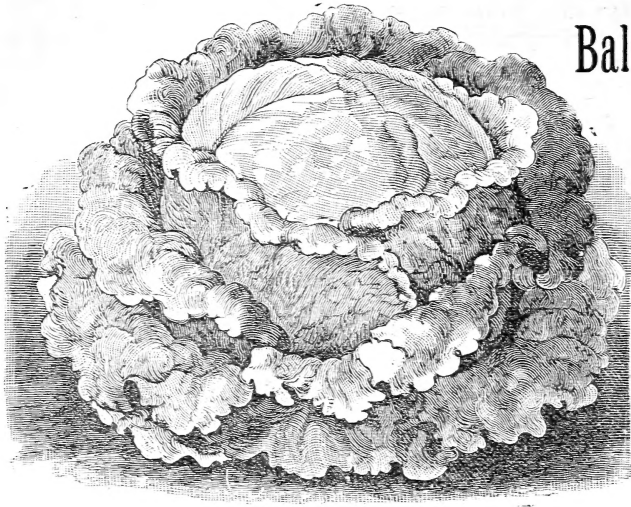
Price, ¼ lb., 40 cents; ½ lb., 70 cents; 1b., \$1.25; 5 lbs., \$5.00.



Duke Jones Watermelon

In shape the "Duke Jones" resembles very closely the Kolb Gem. The rind is darker green in color, with indistinct irregular stripes of dark and light green alternating; the general appearance is that it is a dark green melon. It averages very large in size, comparatively no small melons, is very productive, it is also very early in maturing, ripe melons being plucked from the vine just 67 days from date of planting. Its chief claim for popularity is its delicious flavor. The flesh is crisp and very sweet, firm but not tough, no hard middles, but ripens evenly throughout, flesh deep crimson in color. Most very large melons are coarse, tough and poorly flavored. The "Duke Jones" is the largest of melons but has no superior in its delicious flavor.

Pkt., 10 cents; Oz., 15 cents; ¼ lb., 30 cents; 1b., \$1.00; 5 lb., \$4.00.



Baltimore Cabbage Lettuce.

This new Lettuce, which we introduced a few years ago, and claimed to be one of the best ever put on the market, and which produced such a sensation among the large growers who tried it, still holds a high place among Lettuce. As soon as the growers discovered its merits they came for more seed, and recommended it to all their friends; these in turn were delighted with their crops, as the result more than justified all we claimed for it. A grower at Gardenville, Maryland, says: "I had three thousand heads of your Baltimore Cabbage Lettuce, and they all headed but one; they are slow to run to seed." The heads are large and solid, color pretty light green, and very slow to seed. In fact, it is just what the Truckers and Gardeners want. A large Trucker in New Jersey writes: "The Baltimore Cabbage Lettuce I had of you was certainly very fine."

Pkts., 5 and 10 cts. Oz, 20 cts.
 $\frac{1}{4}$ lb. 60 cts. lb. \$2.00

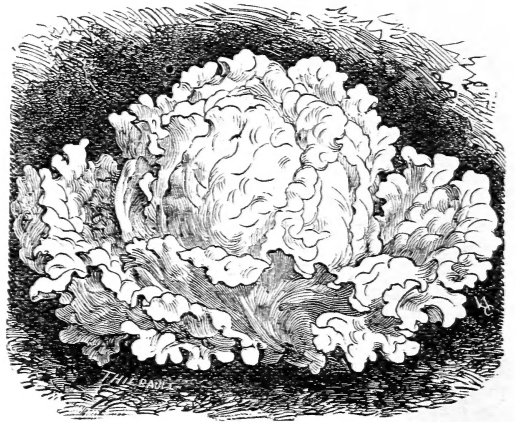
Baltimore Oak Leaf Lettuce.

This Lettuce will resist the heat of summer, and stand longer before running to seed than any variety we have ever known. It makes a large solid head, and is very popular with the market gardeners of Baltimore and vicinity. Being such a shy seeder, the seed is more expensive than some other sorts.

Pkt. 5 and 10 cts. Oz, 20 cts. $\frac{1}{4}$ lb. 60 cts.
 lb. \$2.00

BIG BOSTON LETTUCE.—A new variety, highly recommended for forcing in cold frames or open ground planting. Produces large salable heads, and is crisp and tender.

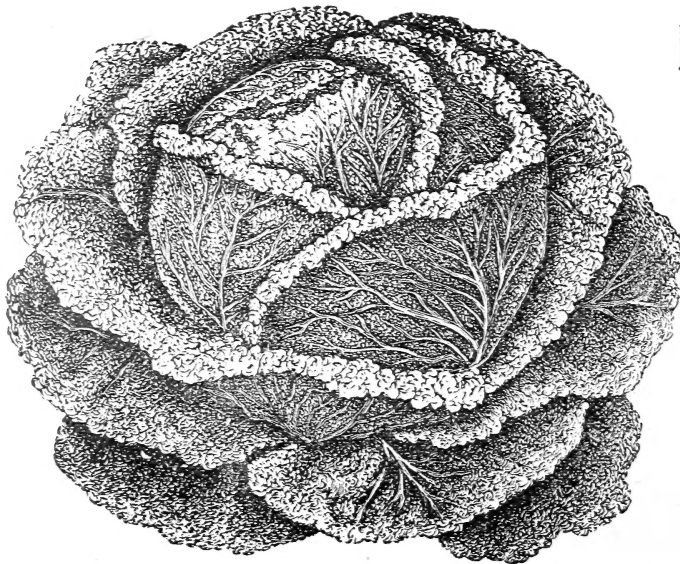
Pkts. 5 and 10 cts. Oz, 20 cts. $\frac{1}{4}$ lb. 65 cts.
 lb. \$2.00



Perfection Drumhead Savoy Cabbage.

This is without any exception the finest stock of Savoy Cabbage to be found anywhere. The heads are large and solid, the leaves beautifully curled, and in tenderness and flavor it is almost equal to Cauliflower, while its keeping quality is first-class. To say that our Market Gardeners are pleased with it, is putting it mild; they are enthusiastic over it, as they find it so much superior to the old time Savoy. It is specially adapted to private use, as when grown in the fall and allowed to be touched by frost, it is one of the most delicious of all vegetables.

Pkts., 5 and 10 cts. Oz, 20 cts.
 $\frac{1}{4}$ lb. 50 cts. lb. \$1.50



Baltimore Spineless Egg Plant.

This is decidedly the best and most profitable Egg Plant in cultivation; it is large, thornless, of beautiful shape and handsome purple color. We have never seen finer specimens of egg plant than those grown from our seed. When inspecting the field of egg plants growing for seed, we were surprised at the regular size and uniform, handsome color of the fruit all over the field.

Pkt., 10 and 25 cts.; oz., 40 cts.; $\frac{1}{4}$ lb. \$1.15;
lb. \$4.00.



PRIZETAKER ONION.

(AMERICAN GROWN.)

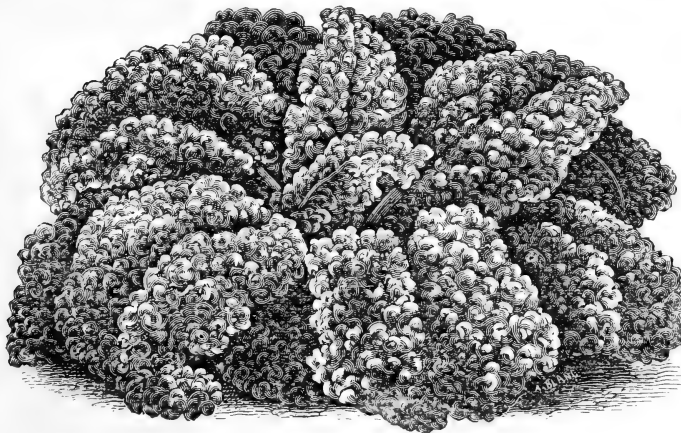
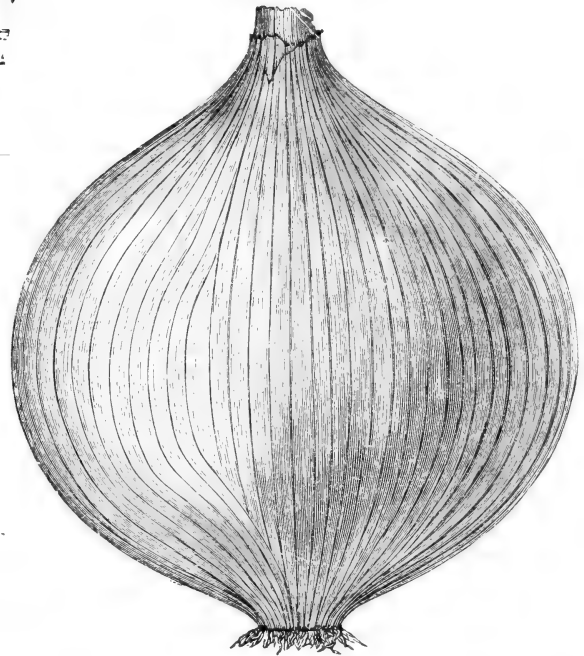
This is the large beautiful onion that is seen every fall offered for sale at the fruit stores in Baltimore and other large cities. They are a rich straw color and of enormous size. Although of such large size, it is very hardy and an excellent keeper. The flavor is mild and delicate, making the Prizetaker a favorite variety for salads. By sowing this sort early, you can raise a crop of large onions the first season, with very little trouble. All that is necessary is good ground, proper cultivation, and not to have them too thick. Those of our growers who have tried them have had remarkably fine success.

Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.;
lb., \$1.75.

WHITE PEARL ONION.

Earliest of all, growing with all the rapidity of a summer radish. Pearly white, waxy and transparent. Form flat and broad, flavor very mild, and it can be eaten raw almost like an apple. On rich soil it will grow very large. This is an elegant sort to sow for large onions, because of its rapid growth and fine quality.

Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.;
lb., \$2.00.



Griffith, Turner & Co.'s

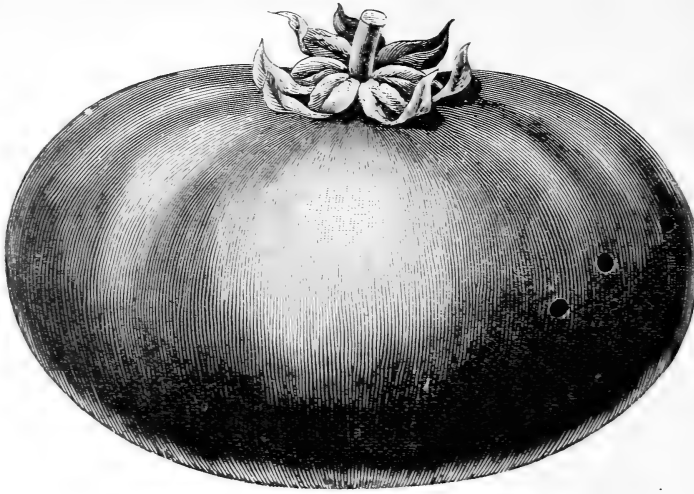
Extra Curled American Grown

SAVOY SPINACH.

This is grown specially for us, and is without exception, the best type of Savoy Spinach in existence. It is beautifully curled and wrinkled, the leaves large, thick and heavy, produced in great numbers, and stands handling and transportation better than any other sort; in fact, we hardly think we could say too much about this valuable acquisition to the spinach family. Sold only in sealed bags.

lb., 25 cts.; 5 lbs., \$1.00.

Special prices for large quantities.

World'sFairTomatoWorld'sFairTomato

GRIFFITH, TURNER & CO.'S

World's Fair Tomato.

THIS NEW TOMATO which we introduced a few years ago, is constantly gaining friends wherever known, and deservedly so, because of its many good qualities. Our sales of seed of this sort have increased each year far beyond our expectation. It is without exception one of the best for Cannery, Market Gardeners or private use, because of its solidity, symmetrical shape, handsome bright red color, uniformity of ripening and freedom from rot. Its shipping and keeping qualities are unexcelled. The gentlemen who superintends the growing of this seed for us says: "I desire to call especial attention to this stock; it is particularly solid and of fine flavor, the fruit is good size, smooth and certainly attractive. I venture to say, without fear of contradiction, that your Tomato would bear off the palm for quality and flavor in the hands of impartial judges. Parties around here who saw some of the fruit said they had never seen any better Tomato." We could get any number of testimonials to bear us out in all we say about this excellent Tomato.

Packets, 5 and 10 cts. Oz., 20 cts. $\frac{1}{4}$ lb., 65 cts. lb. \$2.00.

NOTICE. Because of the well-known superior quality of this splendid Tomato, and the increasing demand for the seed, other parties are cataloguing a Tomato under the same name. In order to protect those who want the pure article WE GIVE NOTICE that we shall only sell the "World's Fair Tomato" in sealed packages. Ask for Griffith, Turner & Co.'s World's Fair Tomato, and don't take any but in sealed packages, with Griffith, Turner & Co. printed on them.

Prize-Winner Tomato.

IN this new sort we have the Prince of Market Tomatoes. In color somewhat resembling the Beauty, but much larger, very solid, ripens earlier than the World's Fair, and with us was the best keeper we have seen; as an early Tomato it is first-class, selling for the highest market price, and a remarkably full bearer; it is also well adapted for a late crop. It is smooth and uniform in shape, and in quality it cannot be surpassed. It is remarkably free from acidity and cuts as solid as meat. No Trucker or Market Gardener should fail to try at least a small quantity of the seed of this candidate for popular favor among Tomato Growers, and private families will find it to their advantage to add this to their list of good things for the table.

Packet, 5 and 10 cts. Oz., 25 cts. $\frac{1}{4}$ lb., 75 cts. lb., \$2.50.

Seeds by Mail.

PARTIES ORDERING BY MAIL, PLEASE OBSERVE THE FOLLOWING:

SEEDS in our 5 and 10 cent flat papers, ounces and ¼ lb. packages will be mailed Free of Postage to the purchaser at Catalogue prices.

SEEDS BY MAIL, on which the purchaser must pay the postage.—Peas, Beans and Corn, 8 cts. per pint; Small Seeds in quantities over ¼ lb., at the rate of 8 cts. per lb.

REMITTANCES.—Remit by Draft, Postal Money Order or Postal Note; or, if under \$1.00, in Postage Stamps.

ORDERS FROM UNKNOWN CORRESPONDENTS must be accompanied with the cash.

NOTICE.—The greatest care is taken to supply every article true to name and of the very best quality; at the same time it is understood that we do not warrant our seeds, and that we are not in any respect responsible for any loss or damage arising from any failure thereof.

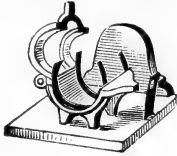
OBSERVE that on account of short crops in many varieties of seeds, prices are subject to advance without notice.

SPECIAL.—Thirteen 5-cent Papers Vegetable Seeds for 50 cents, or Six 10-cent Papers for 50 cents, mailed free on receipt of price.

ARTICHOKE.

GREEN GLOBE.—Cultivated for the flower heads, which are cooked like Asparagus.

Pkt., 10 cts. Oz., 30 cts.



ASPARAGUS BUNCHER, \$2.00.

ASPARAGUS.

(German Spargel.)

This is one of the earliest Spring vegetables, and should be in universal use. Many persons think it is difficult to grow, but we consider this a mistake, and believe it can be produced as cheaply and easily as any on the list.

Sow the seed in the seed bed late in the fall or in the early Spring, as soon as the ground can be worked, in drills one foot apart, covering the seed about one inch deep. When the plants are 4 to 5 inches high, great care should be taken to keep the bed free of weeds. One ounce of seed will sow forty feet of row. Thin to nine inches in the row.

NEW—MAMMOTH WHITE.—See specialties p. 2. Pkt. 10 cts. Oz. 15 cts. ¼ lb. 40 cts. 1 lb. \$1.25.

BARR'S MAMMOTH.—A new variety, highly recommended for its many good qualities. It is very productive and about ten days earlier than Conover's Colossal. The stalks are very large and retain their thickness completely up to the top of the shoots, very tender and succulent, of delicious flavor, grow very quickly and are light in color.

Pkt. 5 cts. Oz. 10 cts. ¼ lb. 20 cts. 1 lb. 60 cts.

NEW PALMETTO ASPARAGUS.—This new Asparagus, said to have originated in South Carolina, is now quite extensively grown by Southern gardeners for New York and Philadelphia markets, where it sells at very high prices, owing to its mammoth size and regularity. An average bunch of fifteen shoots will measure thirteen to fourteen inches in circumference. For several seasons this Asparagus has reached Northern markets ten days ahead of all other varieties, and sold at fabulous prices, even after other varieties had come in. Although of Southern origin, it is equally well adapted to North and South.

Pkt. 5 cts. Oz. 10 cts. ¼ lb. 20 cts. 1 lb. 50 cts.

CONOVER'S COLOSSAL.—The old and well-known variety.

Pkts. 5 and 10 cts. ¼ lb. 15 cts. 1 lb. 40 cts. 5 lbs. \$1.50.

ASPARAGUS ROOTS.—A saving of one to two years is effected by planting roots. A bed 12 by 40 feet, requiring about 100 roots, should give a sufficient supply for an ordinary family. 7260 roots will plant an acre.

ASPARAGUS ROOTS.

BARR'S MAMMOTH.—Per 100, 70 cts. Per 1000, \$4.00.

PALMETTO.—Per 100, 60 cts. Per 1,000 \$4.00.

COLOSSAL.—Per 100, 60 cts. Per 1000, \$3.50.

MAMMOTH WHITE.—Per 100, \$1.00. Per 1000, \$7.00.

DWARF BEANS.

GREEN PODDED SORTS.

1 quart will plant 100 feet of drill.

Add 8 cts. per pint or 15 cts. per quart on all Beans if to be sent by mail.

Select light, warm soil, and plant when danger from frost is past in the spring, in drills 2 to 2½ feet apart, dropping the beans about two inches apart in the drills, and cover two inches deep. A succession of sowings! can be made from the first week in May until August.

EARLIEST MARKET.—This is well named, being the earliest Bean in existence, and therefore very profitable to the Market Gardener, and desirable to the Private Gardener as well. The pods are long, broad, green and very showy, reaching maturity in thirty days from germination, and the habit of vine very productive.

Pt. 15 cts. Qt. 25 cts. Pk. \$1.50
Bu. \$5.00



EARLIEST RED VALENTINE.

EARLIEST RED VALENTINE.—Ten days earlier than the ordinary Red Valentine Bean, and therefore the best for Truckers and Market Gardeners. It is without doubt, the very best and earliest green Snap Short Bean. The habit of the vine is dwarfed and very uniform. Color of pods light green, round, curved, very succulent, prolific, continuing long in edible condition.

Qt. 20 cts. Pk. 90 cts. Bu. \$3.00.

LONG YELLOW SIX WEEKS.—Very early, hardy bean.

Pt. 10 cts. Qt. 20 cts. Pk. 85 cts. Bu. \$3.00.

WHITE VALENTINE.—Similar to the Red, except the color of the seed is white, very desirable both for Private and Market Gardeners.

Pt. 10 cts. Qt. 20 cts. Pk. \$1.00. Bu. \$3.50.

EXTRA EARLY REFUGEE.—It is similar in every respect to the ordinary Refugee, but is nearly two weeks earlier. It is enormously prolific, and from its earliness is almost certain to produce a crop, no matter how unfavorable the season. The Extra Early Refugee is rapidly becoming the favorite sort with Southern truckers and planters, as it matures equally early with the

BEANS.—Continued.

Red Valentine, and has that beautiful silvery green color in the pods that is so much desired. In quality it is unexcelled, being exceptionally free from string, and meltingly tender at all stages of its growth. Our stock of this variety has been especially selected and improved, and we recommend it.

Pt. 10 cts. Qt. 20 cts. Pk. 85 cts. Bu. \$3.00.

DWARF HORTICULTURAL.—A very fine green podded sort, used as a Shell Bean, and for this purpose is one of the finest in general use, long a favorite with those who use a Shell Bean in a green state.

Pt. 10 cts. Qt. 20 cts. Pk. \$1.00. Bu. \$3.50.

BEST OF ALL.—One of the most valuable green podded sorts for family or market use. The pods are six inches long, very fleshy, succulent, stringless, and of rich flavor; they are produced early and abundantly.

Qt. 20 cts. Pk. \$1.00. Bu. \$3.50.

WARREN BUSH.—Vigorous and upright in growth, producing broad flat pods that are tender and of good flavor, much prized wherever introduced, and we recommend it highly. Seed large, oval, thick, purplish brown. The Warren is a good cropper, and has a large, pulpy, stringless pod, very rich in quality.

Pt. 15 cts. Qt. 25 cts. Pk. \$1.25. Bu. \$4.00.

WHITE MARROWFAT.—Extensively grown for sales as a dry bean for winter use; excellent shelled, either green or dry.

Qt. 20 cts. Pk. 90 cts. Bu. \$3.00.

WHITE NAVY.—A well known variety for field culture, very prolific, ripening early and all at once; beans small, oval, white, handsome and of superior quality.

Qt. 20 cts. Pk. 80 cts. Bu. \$3.00.

WHITE KIDNEY.—Qt. 20 cts. Pk. 90 cts. Bu. \$3.50.

Dwarf Wax Podded Beans.

KEENEY'S RUSTLESS WAX.—(See description, page 2.)

Pt. 25 cts. Qt. 45 cts. Pk. \$3.00. Bu. \$10.00.

DWARF PROLIFIC BLACK WAX.—Yellow pod; a very superior snap short, ripening among the first earlies and having the best characteristics. Very tender.

Pt. 10 cts. Qt. 20 cts. Pk. \$1.15. Bu. \$4.00.

WHITE WAX.—White pod; among the second early varieties.

Pt. 15 cts. Qt. 25 cts. Pk. \$1.25. Bu. \$4.50.

IMPROVED RUST-PROOF GOLDEN WAX.—This is the earliest, handsomest and hardest of all the Wax Beans. The pods are straight, long and thicker than the ordinary Golden Wax, much superior in quality, absolutely rust-proof and sure to become the favorite Wax Bean; in fact, it has already gained great popularity with growers.

Qt. 20 cts. Pk. \$1.00. Bu. \$3.75.

KIDNEY WAX.—This is one of the best of the wax sorts. The vines are remarkably vigorous, hardy and productive. The pods are very large, smooth, showy, tender, perfectly stringless, and of unusually fine quality.

Qt. 20 cts. Pk. \$1.15. Bu. \$4.00.

REFUGEE WAX.—An old variety that heretofore has been so impure and uneven that we did not care to offer it. We have now secured a stock which can be depended upon to produce thick, fleshy wax-like pods, of fine quality and of a clear waxy-white color. It is one of the earliest beans in cultivation.

Qt. 20 cts. Pk. \$1.25. Bu. \$4.50.

NEW GOLDEN-EYED WAX.—This fine new bush bean is very early; the vine grows vigorously about one and a half feet high, holding the pods off the ground. The pods are handsome, long, straight and flat, remarkably free from rust, and keep bright and crisp long after other sorts are wilted and unsalable.

Qt. 20 cts. Pk. \$1.00. Bu. \$3.75.

CURRIE'S RUST-PROOF BLACK WAX.

In describing this new bean, one of the largest bean growers of the North writes as follows: "Currie's Rust-Proof has proved to be a novelty worthy of its name. After four years' experience with it, tested side by side with wax beans from other growers, we have found it nearest to perfection of them all. For earliness and freedom from rust it is at the head of the wax bean family. Habit, upright and robust, holding the pods well from the ground. Pods, long, straight, flat and very meaty, of a beautiful golden color; quality not surpassed, and for productiveness unequalled." All the above claims we have fully substantiated in our own tests, and we recommend it to our market customers with the greatest confidence.

Qt. 20 cts. Pk. \$1.00. Bu. \$3.75.

Bush Lima Beans.

The Bush Lima Beans are rapidly gaining friends, and have evidently come to stay.

DREER'S or KUMERLE BUSH LIMA.
½ pt. 15 cts. Pt. 25 cts. Qt. 40 cts. By mail 15 cts. per qt. extra.

BURPEE'S BUSH LIMA.—See description on page 2.

½ pt. 15 cts. Pt. 25 cts. Qt. 40 cts. By mail 15 cts. per qt. extra, **Peck \$2.50.**

HENDERSON'S DWARF LIMA.—These are valuable because they do not need poles, and being so dwarf can be planted close together. They are very early and prolific, continuing to bear until frost.

Pt. 15 cts. Qt. 25 cts. Pk. \$1.50.

Pole or Running Beans.

Set the poles three or four feet apart, and plant six to eight beans, with the eyes downward, around each pole, thinning to four healthy plants when they are up. They require the same soil and treatment as the dwarf varieties, with the exception that they crave stronger soil, and do best in a sheltered location.

MARYLAND WHITE.—This new White Pole Bean is destined to take its place as one of the best beans ever grown for general purposes. Its thick, meaty green pods are very tender, rich in flavor, and produced in great abundance. It is equally valuable as a snap or shell bean. It has been grown in Maryland to a very limited extent for a few years, and those who have grown it once want it again.

Pt. 25 cts. Qt. 40 cts. Pk. \$2.50.

SPECKLED HORTICULTURAL OR CHERRY.—Very productive, used with or without pods.

Qt. 25 cts. Pk. \$1.25. Bu. \$4.50.

CHERRY.—Great favorite, used with or without pods.

Pt. 15 cts. Qt. 30 cts.

HORTICULTURAL LIMA.—See description, page 2.

Qt. 30 cts. Pk. \$1.75. Bu. \$6.00.

GOLDEN CLUSTER WAX.—A splendid white sort, exceedingly productive, of large, golden wax pods, borne in clusters and continuing in bearing until stopped by frost.

Pt. 15 c. Qt. 30 c. Pk. \$1.75 Bu. \$6.50

LAZY WIFE.—Large pale green pods, very thick meated, stringless, rich, tender and buttery, ripens early, clings well to the pole, enormously productive, splendid either as a snap or shell bean, retains its exquisite flavor until nearly ripe.

Qt. 30 cts. Pk. \$1.75. Bu. \$6.00.

CREASE-BACK, or FAT HORSE.—A well-known and highly esteemed Southern variety. Very productive. Forms very full, round pods, very fleshy, entirely stringless and distinctly creased along the back, hence its name. This variety is especially valuable for its extreme earliness and its habit of perfecting all of its pods at the same time.

Qt. 30 cts. Pk. \$1.50. Bu. \$5.50.

DUTCH CASE KNIFE.—Vines moderately vigorous, climbing well, but not twining so tightly as some, and so may be used for a corn hill bean. Leaves large, crumpled; blossoms white; pods very long, flat, irregular, green, but becoming cream white; beans broad, kidney shaped, flat, clear white, and of excellent quality, green or dry.

Pt. 15 cts. Qt. 30 cts. Pk. \$1.75,

Pole Lima Beans.

EXTRA EARLY LIMA.—This variety is two weeks earlier than other sorts; the pods are large and numerous.

Qt. 30 cts. Pk. \$1.75. Bu. \$6.00.

DREER'S IMPROVED LIMA.—An excellent variety, of superior quality and very productive.

Qt. 30 cts. Pk. \$1.75. Bu. \$6.00.

EXTRA LARGE LIMA.—As a shell bean surpasses all in quality, and is the favorite with most people; the beans are very large, tender and of delicious flavor.

Qt. 30 cts. Pk. \$1.75. Bu. \$6.00.

LARGE LIMA.—Qt. 25 cts. Pk. \$1.50. Bu. \$5.50.

KING OF THE GARDEN LIMA.—Pods very large and productive, yielding 4, 5, and 6 beans to the pod.

Qt. 30 cts. Pk. \$1.75. Bu. \$6.00.

Broad Windsor Beans.

Matures in fifty days after germination. Should be planted very early.

Qt. 25 cts. Pk. \$1.50.

BEETS.

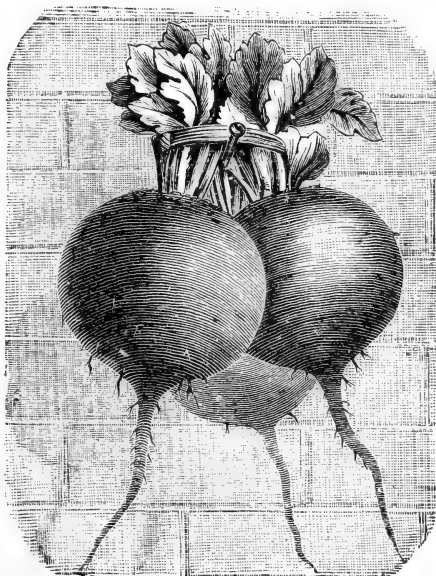
German, Runkel Rube.

(One ounce of seed will sow one hundred feet of drill.)
 Select a deep, rich sandy loam, and manure with well decomposed compost or a good chemical fertilizer. Sow in drills, fourteen to sixteen inches apart, and cover one inch deep. When the young plants appear, thin to four or five inches apart. For early use, sow as soon as the ground can be worked in the spring; for autumn use, about the middle of May; and for winter use, during June or July, according to variety—the *long* varieties requiring more time to mature than the *round early* kinds.



EARLY BLOOD TURNIP BEET.

G., T. & CO.'S EARLY BLOOD TURNIP.—Grown specially for us from selected roots. In shape like a turnip, deep red color, and best for general use. We have been selling this stock of Beet for a number of years, and it has given unqualified satisfaction.
Pkt. 5 cts. Oz. 10 cts. ¼ lb. 20 cts. Lb. 45 cts.



ECLIPSE BEET.

Eclipse Beet.

This new extra early Beet is remarkable for its fine quality and rapid growth, is of deep red color and handsome shape; as an early market sort it is unrivaled. It is, to a large extent, superseding the Egyptian, being earlier in development, more attractive in appearance, and of superior quality for the table. We have never known a market gardener to try it but who wanted it again.

Pkt. 5 cts. Oz. 10 cts. ¼ lb. 20 cts. Lb. 50 cts.

EARLY EGYPTIAN.—This is a flat Beet, very early and deep red color. Owing to its small top it can be planted very close.

Pkt. 5 cts. Oz. 10 cts. ¼ lb. 20 cts. Lb. 50 cts.

BASSANO, OR EXTRA EARLY TURNIP.—Flesh white and rose, very sweet and tender.

Pkt. 5 cts. Oz. 10 cts. ¼ lb. 20 cts. Lb. 45 cts.

EDMOND'S RED TURNIP.—The most uniform of all Turnip Beets. It is of handsome round shape, good marketable size and deep blood color. It has a small top and may be planted close.

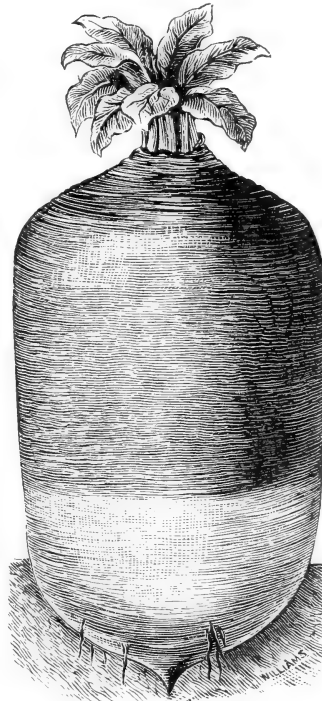
Pkt. 5 cts. Oz. 10 cts. ¼ lb. 20 cts. Lb. 50 cts.

LARGE LONG BLOOD.—A large and desirable late variety of deep red color.

Pkt. 5 cts. Oz. 10 cts. ¼ lb. 20 cts. Lb. 45 cts.

Beets for Stock.

(Sow four pounds to the acre.)



MANGOLD WURZELS

are grown for stock, and as they grow larger than other Beets, require more room. They should be sown from April to June, in drills two and a-half feet apart, and the plants thinned to twelve or fifteen inches in the row. The attention of farmers to the growing of Beets for stock feeding has rapidly increased, but it should be grown more generally, and will show the results in the health and condition of the stock. It supplies good, rich food for cattle during the winter.

GOLDEN TANKARD MANGOLD.

—The best type of Mangold—small top, smooth, rich skin, broad shoulders, very solid fleshed, golden stemmed, heavy producer. It has already taken the lead of other varieties in England, and is much rel-

GOLDEN TANKARD MANGOLD.—Fished by milch cows and sheep.

Pkt. 5 cts. ¼ lb. 15 cts. Lb. 40 cts. 3 lbs. for \$1.00.

LONG RED MANGOLD WURZEL.—The well-known, large, long variety, grows well out of ground; color light red. Very productive.

Pkt. 5 cts. ¼ lb. 15 cts. Lb. 40 cts. 3 lbs. for \$1.00.

WHITE SUGAR BEET.—A large-growing sort, and used for feeding stock.

Pkt. 5 cts. ¼ lb. 15 cts. Lb. 40 cts. 3 lbs. for \$1.00.

BRUSSELS SPROUTS.

German, Kopfkohl Gruner.

(One ounce of seed to 100 yards of row.)

A class of plants allied to the Cabbage family, producing a great number of small heads for sprouts on the main stem of the plant, which are used and prepared as greens. It is a delicious vegetable, especially after being exposed to the frost. Plant in rich soil, in hills two feet apart each way.

Pkt. 10 cts. Oz. 20 cts. ¼ lb. 60 cts.

BROCCOLI.

German, Spargel Kohl.

(One ounce of seed to 100 yards of row.)

The Broccoli are closely allied to the Cauliflower family. They require similar cultivation and treatment to Cauliflower.

EARLY PURPLE CAPE.—Large, compact.

Pkt. 10 cts. Oz. 20 cts.

LARGE EARLY WHITE.—Head white, like Cauliflower; the best.

Pkt. 10 cts. Oz. 40 cts.

CABBAGE.

German, Kopfkohl.

(One ounce of seed to 100 yards of row.)

Cabbage will thrive on any good corn land, though the stronger the soil the better they will develop. New land is preferable. Plow deep and manure very liberally, as Cabbage is a strong feeder and will repay for the care bestowed upon it. The early sorts bear planting from eighteen inches to two feet apart in the rows, with the rows from two to two and a-half feet apart. The larger varieties to be from two to four feet apart in the rows, with the rows from two and a-half to four feet apart, the distance varying with the size. It does not pay to buy cheap Cabbage seed. Ours is American grown, and from the best stock in the country.

For early use, sow in a hot-bed February or March, and transplant to a cold-frame as soon as large enough. In April the plants may be set out in the rows. For late crop sow in nursery bed in May or June, and transplant as soon as the plants are five or six inches high. The ground should be thoroughly cultivated every week until the plants meet in the rows.

KING OF EARLIES.—An excellent early sort. Heads formed like a Wakefield, but ten days earlier. Habit vigorous, short stem, and proof against sun.

Pkts. 5 and 10 cts. Oz. 25 cts.
¼ lb. 75 cts. Lb. \$2.50.

LARGE EARLY YORK.—One of the earliest. Forms a medium size pointed head.

Pkts. 5 and 10 cts. Oz. 20 cts.
¼ lb. 50 cts. Lb. \$1.75.

EARLY WINNINGSTADT.—Head large, cone-shaped and solid. An old and popular sort.

Pkts. 5 and 10 cts. Oz. 20 cts. ¼ lb. 50 cts.
Lb. \$1.75.

EARLY DWARF FLAT DUTCH.—An old standard variety which stands the sun and produces fine large heads, coming in soon after the Wakefield.

Pkts. 5 and 10 cts. Oz. 20 cts. ¼ lb. 65 cts.
Lb. \$2.00.



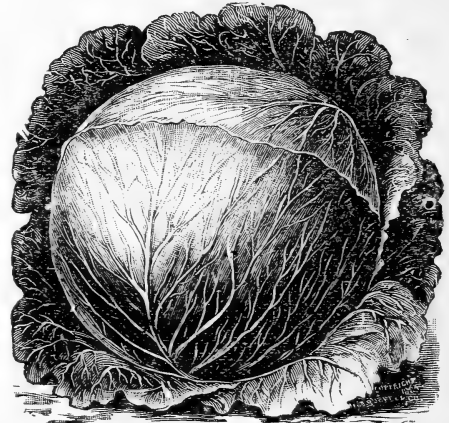
Succession Cabbage.

The Succession Cabbage is one of the most valuable contributions to horticulture. It would be classed as a second early variety, coming in a few days later than Early Summer, but it is immeasurably superior to that variety; it is nearly double the size and is absolutely true to its type under all conditions. In addition to this, it has no tendency whatever to run to seed. It is one of the *finest sorts in existence* to-day; whether for medium early, main crop or late use, it has no superior. It is so finely bred and so true to type that in a field of twenty acres every head appears alike. We can recommend it either for the market gardener, trucker or private planter, as it is a perfect cabbage in every respect, not only being of the largest size, but of handsome color and of the finest quality. It is probably the safest variety for an amateur to plant, as it does well at all seasons, and one is almost sure of getting a crop, no matter when it is planted.

Pkts. 5 and 10 cts. Oz. 20 cts. ¼ lb. 60 cts.
Lb. \$2.00.

LARGE EARLY SUMMER.—One of the earliest of the summer varieties. Heads large and flat; short stemmed, few outside leaves, uniform in character, and about ten days later than the Wakefield. It is very popular with the truckers.

Pkts. 5 and 10 cts. Oz. 20 cts. ¼ lb. 65 cts.
Lb. \$2.00.



ALL-HEAD EARLY CABBAGE.

This is the earliest of all large Cabbages, fully one-third larger than the Early Summer, therefore, more profitable to the market gardener. It is the nearest approach to a *thoroughbred Cabbage* of any variety, both in size and uniform development. As the All-Head comes in quicker than any of the other Flat Cabbages, it is consequently more tender. It is also valuable for a late or winter Cabbage.

Pkt. 5 and 10 cts. Oz. 20 cts. ¼ lb. 65 cts.
Lb. \$2.00.

CABBAGE.—Continued.

SELECT VERY EARLY JERSEY WAKEFIELD.—Wonderfully fine, used very extensively by market gardeners. It is, without exception, the best early Cabbage grown. **Pkts. 5 and 10 cts. Oz. 20 cts. ¼ lb. 60 cts. Lb. \$2.00.**

BIG CHARLESTON WAKEFIELD.—This is a type of the well-known Wakefield Cabbage, the heads of which will average nearly 50 per cent. larger than the Early Wakefield. It has all the characteristics of the parent stock, except growing much larger and being a few days later. It is becoming very popular in the South. **Pkts. 5 and 10 cts. Oz. 20 cts. ¼ lb. 60 cts. Lb. \$2.00.**

SUREHEAD.—This popular Cabbage is rightfully named Surehead, as it never fails to make a fine, large, solid head, with few outer leaves. It is a strong, vigorous grower, and very uniform in size and color. Always brings the highest price in our markets. **Pkts. 5 and 10 cts. Oz. 20 cts. ¼ lb. 60 cts. Lb. \$2.00.**

ALL SEASONS.—This forms a fine, large head, of superior quality, nearly as early as the Early Summer. Suitable for planting at any season. **Pkts. 5 and 10 cts. Oz. 20 cts. ¼ lb. 65 cts. Lb. \$2.00.**



PREMIUM FLAT DUTCH.

PREMIUM LARGE LATE FLAT DUTCH.—Large and excellent for winter, very extensively grown. The head is broad, thick and flat, well covered in by leaves lapping across the centre, outside leaves feathered to the base of the leaf stem.

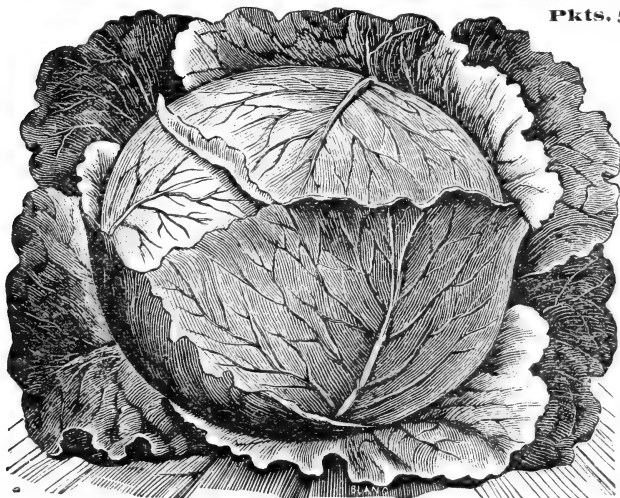
Pkts. 5 and 10 cts. Oz. 20 cts. ¼ lb. 50 cts. Lb. \$1.50.

LARGE LATE AMERICAN DRUMHEAD.—One of the largest, most solid and best keeping late varieties. This variety seldom fails to head, and is of good quality. **Pkts. 5 and 10 cts. Oz. 20 cts. ¼ lb. 50 cts. Lb. \$1.50.**

PERFECTION DRUMHEAD SAVOY.—An excellent variety of fine quality. The best Savoy Cabbage grown, Heads are very large, resembling the Drumhead, solid and beautifully curled. When properly cooked is almost equal to Cauliflower. **Pkts. 5 and 10 cts. Oz. 15 cts. ¼ lb. 50 cts. Lb. \$1.50.**

LARGE RED DUTCH.—The head is large, round, solid and a deep red color, the best of the Red Cabbages. **Pkts. 5 and 10 cts. Oz. 20 cts. ¼ lb. 60 cts. Lb. \$2.00.**

LOUISVILLE DRUMHEAD.—This is the most popular intermediate or second early with market gardeners around Louisville and the Southwest. It comes off medium early, withstands heat to a remarkable extent, heads large, solid and uniform in size and color. We can recommend this sort very highly for the Southern and Middle States. **Pkt. 10 cts. Oz. 10 cts. ¼ lb. 60 cts. Lb. \$2.00.**



BOSS FLAT DUTCH.

BOSS FLAT DUTCH.—In again calling the attention of market gardeners and truckers to this magnificent Cabbage, we would say that it has fully met the claims we made for it upon its introduction. When we ask our customers how they like it, their answer is "splendid" or "elegant," "everything heads; "you can scarcely find any that don't head." The heads are large, hard, thick and flat, the leaves lapping across the center, making it the most desirable winter variety in cultivation. Try it and be convinced of its superior qualities.

Pkts. 5 and 10 cts. Oz. 20 cts. ¼ lb. 65 cts. Lb. \$2.00.

CAULIFLOWER.

(One ounce of seed will produce 2,000 plants.)

The most delicate and delicious of all the Cabbage family, and requiring the same culture and treatment, but being more delicate, the good culture and richness of the soil recommended for Cabbage is absolutely necessary for the Cauliflower. For early crop, sow in hot-bed or cold-frame in February or March. For late crop, sow and treat like late Cabbage. Many amateurs make the mistake of sowing the seed too early for late crop. It should not be sown before May, as when sown earlier they begin to head before the hot weather is over and are a failure. Cauliflower can only be grown on rich, well tilled and well watered soil.

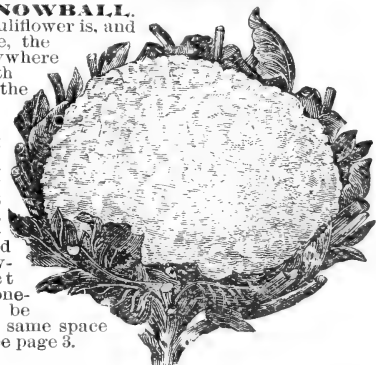
SELECT EARLY DWARF ERFURT.—Long the standard of highest excellence, and still holding its own with a great many people. **Pkts. 25 and 50 cts. ¼ Oz. 75 cts. Oz. \$2.25.**

EARLY PARIS.—An excellent sort for early or late use.

Pkt. 10 cts. Oz. 50 cts.

EARLY SNOWBALL.

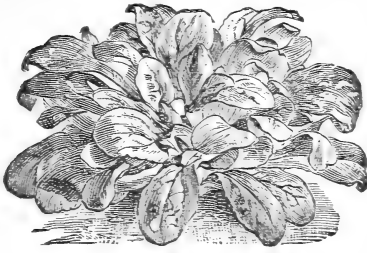
—Snowball Cauliflower is, and deserves to be, the standard everywhere for quality with the seedsman, the market gardener and the amateur. It is the earliest of all Cauliflowers, nearly every plant will form a perfect snow-white head, and its close growing, compact habit enables one-third more to be planted on the same space of ground. See page 3.



Pkts. 25 and 50 cts. ¼ oz. 75 cts. Oz. \$2.50.

CORN SALAD.

(Three ounces of seed to 100 feet of row.)



CORN SALAD.

Pkt. 5 cts. Oz. 10 cts. ¼ lb. 20 cts. 1 lb. 50 cts.

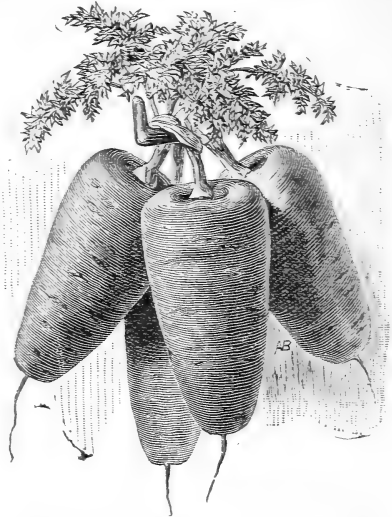
A favorite salad plant and very hardy. Sow in August or September, and protect with leaves during the winter: it can be gathered in the spring very early. Sown in April it is soon ready for use. The leaves are sometimes boiled and served as spinach.

EXTRA EARLY FORCING.—Ten days ahead of all others.

Pkt. 5 cts. Oz. 10 cts. ¼ lb. 30 cts. 1 lb. \$1.00.

EARLY SCARLET HORN.—Blunt-rooted, early, good. Favorite sort for early crop.

Pkt. 5 cts. Oz. 10 cts. ¼ lb. 25 cts. 1 lb. 75 cts.



EARLY HALF-LONG SCARLET CARENTAN.

EARLY HALF-LONG SCARLET CARENTAN.—Skin is smooth, flesh red and without any core or heart. It is excellent for forcing, and for fine quality and perfect taste can hardly be surpassed.

Pkt. 5 cts. Oz. 10 cts. ¼ lb. 25 cts. 1 lb. 75 cts.

CARROT.

German, Mohre.

(One ounce of seed to 100 feet of row.)

Carrots thrive best in rather a light, rich loam. The ground should be well manured with fine well rotted or composted manure, and be thoroughly worked quite deep. Sow in rows fourteen inches apart and thin plants to five or six inches in the row. Sow from middle of April to middle of May. For late crop sow in June or July. An important point in sowing Carrots is to tread the rows firmly after sowing. For field culture Carrots should be sown in drills three to three and a-half feet apart, so as to cultivate by horse.

LONG ORANGE. Deep orange color, long, smooth, fine for either garden or field culture. All who have cattle should raise a surplus of this Carrot for feeding milch cows during winter. It increases the flow of milk and imparts to the butter a delicious flavor and a rich golden color.

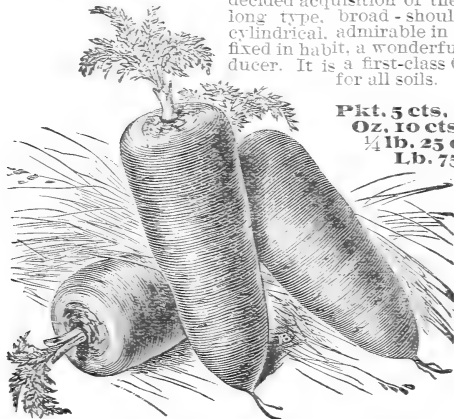


LONG ORANGE.

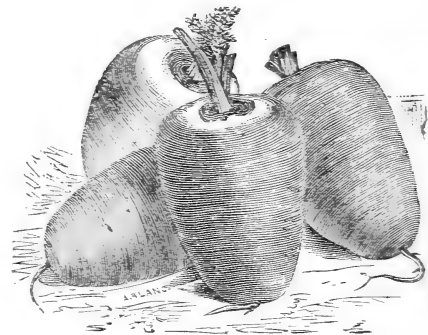
Pkt. 5 cts. Oz. 10 cts. ¼ lb. 25 cts. 1 lb. 75 cts.

HALF-LONG ORANGE DANVERS.—A decided acquisition of the half-long type, broad-shouldered, cylindrical, admirable in color, fixed in habit, a wonderful producer. It is a first-class Carrot for all soils.

Pkt. 5 cts.
Oz. 10 cts.
¼ lb. 25 cts.
1 lb. 75 cts.



HALF-LONG ORANGE DANVERS.



OX HEART.

OX HEART.—A new French variety, intermediate in length, of fine quality; excellent table sort. The shape is nearly oval, and the color and quality all that can be desired. No market gardener should be without it.

Pkts. 5 and 10 cts. Oz. 15 cts. ¼ lb. 25 cts. 1 lb. 75 cts.

CELERIAC,

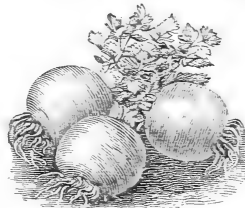
OR TURNIP ROOTED CELERY.

LARGE, SMOOTH PRAGUE.—The largest, smoothest and best of the Celeriacs.

Pkts. 5 and 10 cts.
Oz. 20 cts. ¼ lb. 50 cts. 1 lb. \$1.50.

NEW APPLE SHAPE.—Small foliage, large, round, smooth.

Pkts. 5 and 10 cts.
Oz. 20 cts. ¼ lb. 50 cts. 1 lb. \$1.50.



NEW APPLE SHAPE.

CELERY.

German, Seleri.

(One ounce will produce 2000 Plants.)

Plant seed in hot-bed or very early in open ground. Transplant four inches apart when three inches high, in rich soil finely pulverized; water and protect until well rooted. In June or July transplant into rows three to four feet apart, either on surface or well manured trenches a foot in depth, half filled with well-rotted manure. Set the plants from six to eight inches apart. To blanch, draw earth around the plants from time to time, taking care not to cover the tops of the centre shoots.

GOLDEN HEART.—This old standard variety still holds a high place in the estimation of Market Gardeners, and is largely used, always giving satisfaction. A showy sort, solid, of fine flavor, and a good keeper.

Pkts. 5 and 10 cts. Oz. 20 cts. ¼ lb. 65 cts. 1b. \$2.00.



GOLDEN HEART.

PARIS GOLDEN SELF-BLANCHING.—This cannot be too highly recommended. It is of beautiful golden color, self-blanching, solid and crisp, and of a rich, nutty flavor, very showy, easily blanched and very early. Heart handsome golden yellow, leaves light green. See page 4.

Pkts. 5 and 10 cts. Oz. 30 cts. ¼ lb. 85 cts. 1b. \$3.00.



GIANT PASCAL.

GIANT PASCAL.—A selection from the well-known Self-Blanching Celery. It partakes of the best qualities of that variety, is somewhat larger and an excellent keeper. Some of our Market Gardeners prefer it above all others.

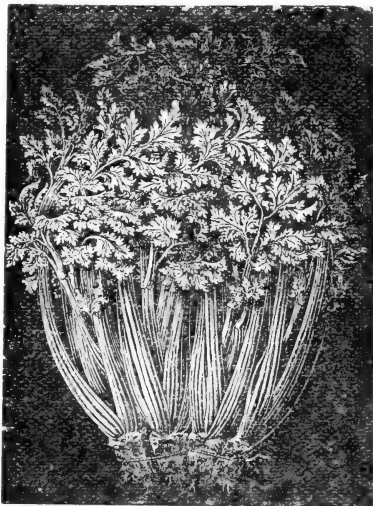
Pkts. 5 and 10 cts. Oz. 20 cts. ¼ lb. 65 cts. 1b. \$2.00.

EARLY ARLINGTON.—This new celery is an improved selection of the well-known Boston Market Celery, made by an Arlington market gardener. It is very early, coming in quite three weeks in advance of the Boston Market; and its superiority over that variety is in the fact that it is earlier, of larger size, and more vigorous growth, and bleaches easily and more quickly.

Pkt. 10 cts. Oz. 20 cts. ¼ lb. 65 cts. 1b. \$2.25.

NEW ROSE.—In England, the Pink or Red Celeries are much more largely used than the White varieties, and we wonder they are not more grown in this country. They possess many advantages over the white, being *hardier, more solid and better keepers*. The *New Rose* is the best of all the red varieties, combining all these desirable qualities, and is the most ornamental for the table, with its beautiful rose-colored heart and pink stems.

Pkt. 10 cts. Oz. 20 cts. ¼ lb. 60 cts. 1b. \$2.00.



WHITE PLUME.

WHITE PLUME.—An early, handsome self-blanching variety, growing in popularity every year.

Pkts. 5 and 10 cts. Oz. 25 cts. ¼ lb. 65 cts. 1b. \$2.00.

PINK PLUME.—This is identical with the White Plume, but with the added merit of the stalks being exquisitely suffused with pink, and possessing the crispness, rich, nutty flavor and long keeping qualities for which red celeries are noted.

Pkt. 10 cts. Oz. 35 cts.

PERFECTION HEARTWELL.—The best flavored, most crisp and tender of the white varieties. The stalks are clear and attractive in color, very popular in the New York markets.

Pkts. 5 and 10 cts. Oz. 25 cts. ¼ lb. 65 cts. 1b. \$2.25.

IMPROVED BOSTON MARKET.—This is a decided improvement on the old Boston Market, being earlier, larger in size and of more vigorous growth.

Pkts. 5 and 10 cts. Oz. 20 cts. ¼ lb. 65 cts. 1b. \$2.00.

WHITE SOLID.—A large, standard sort.

Pkts. 5 and 10 cts. Oz. 20 cts. ¼ lb. 65 cts. 1b. \$2.00.

FLAVORING CELERY.—For soup.

Pkt. 5 cts. ¼ lb. 10 cts. ½ lb. 15 cts. 1b. 25 cts.

CRESS, or PEPPER GRASS.

Used as a small salad. Sow very thickly in shallow drills, on a smooth surface, at short intervals throughout the season.

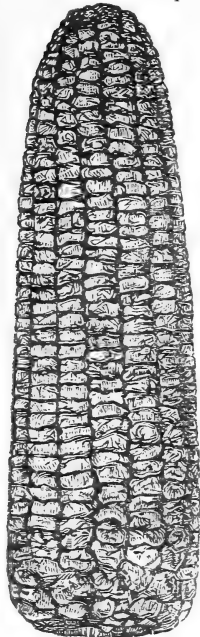
CURLED.—Pkt. 5 cts. Oz. 10 cts. ¼ lb. 20 cts. 1b. 60 cts.

WATER CRESS.—Pkt. 10 cts. Oz. 30 cts.

CORN—For Table Use.

German, Welschkorn.

When Corn is wanted to be Sent by Mail, add 8 cts. per pt. to pay Postage.)



EVERGREEN.

Sugar Corn may be planted in rows three to four feet apart and the seeds placed about eight inches apart in the rows, or planted in hills three to four feet apart each way, according to variety grown or richness of soil. Do not leave more than three plants remain in each hill. It can be planted in this vicinity from first of May to last of July for succession of crop. By planting every two weeks a family may have good Corn throughout the whole season.

FIRST OF ALL.—A selection from the Cory, the ears about same size as Cory, lighter in color and earlier.

Qt. 20 cts. Pk. 75 cts. Bu. \$2.50.

WHITE CORY.—An extra early variety, with good-sized ears and large kernels.

Qt. 20 cts. $\frac{1}{4}$ bu. 75 cts. Bu. \$2.25.

EXTRA EARLY BALTIMORE.—The hardest and earliest variety for table use; it can be planted earlier than any other, but is not a sweet Corn; white, indented grains and short ear.

Ear 5 cts. doz. 30 cts. Qt. 20 cts. $\frac{1}{4}$ bu. 75 cts. Bu. \$2.50.

EXTRA EARLY ADAMS.—Ear, 5 cts. Doz. 25

Pt. 10 cts. Qt. 15 cts. $\frac{1}{4}$ bu. 65 cts. Bu. \$2.00.

ADAMS EARLY.—A favorite in the South. Ear 5 cts. Dz. 25 cts. Pt. 10 cts. Qt. 15 cts. $\frac{1}{4}$ bu. 65 cts. Bu. \$2.00.

EARLY BURLINGTON HYBRID.—Not a true Sugar Corn, but a hybrid or mixture between the Sugar Corn and the Adams Early, being as early as Adams, with an ear about the size of Stowell's Evergreen, and more productive than either. The husk, blade and ear when green resemble the Sugar Corn. Those who have tried it want it again.

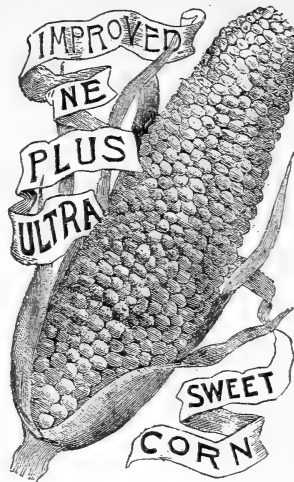
Qt. 20 cts. Pk. 75 cts. Bu. \$2.50.

TRUCKERS' EARLY.—This is, as its name indicates, the best Sugar Corn for truckers to plant early. It is a week earlier than Evergreen, very productive and showy. It is also one of the best for later planting. Every market gardener should grow it, as it will produce two to three marketable ears to each stalk.

Ear 5 cts. Dz. 40 cts. Qt. 20 cts. Pk. 80 cts. Bu. \$2.75.

EARLY MINNESOTA SUGAR.—One of the first early among Sugar Corn.

Qt. 20 cts. Pk. 85 cts.



IMPROVED NE PLUS ULTRA.—The sweetest and most delicious flavored of all the Sugar Corn. Early, good-sized ears and deep grain. Very productive, some stalks yielding four ears, and an average crop running as high as three ears to the stalk. No private garden should be without this delicious variety.

Qt. 20 cts. Pk. 75 cts. Bu. \$2.50.

COUNTRY GENTLEMEN An improvement on the Ne Plus Ultra, having a larger ear. Qt. 20 cts. Pk. 85 cts. Bu. \$3.00.

STABLER'S EARLY.—Of larger size than usual for the early kinds. It is remarkable for fine flavor, sweetness and earliness, and is a desirable gardeners' and canning variety.

Pt. 10 cts. Qt. 20 cts. Pk. 90 cts.

CROSBY'S EXTRA EARLY.—An early market variety, very productive, ears rather short and rich sugary flavor.

Qt. 20 cts. Pk. 75 cts. Bu. \$2.75.

STOWELL'S EVERGREEN.—So well known that it scarcely needs description. Excellent, keeps green till cold weather, ears large, one of the best.

Ear 5 cts. Dz. 40 cts. Qt. 20 cts. Pk. 75 cts. Bu. \$2.25.

EARLY MAMMOTH.—A splendid market sort, producing large, handsome ears, grain large, white and sweet. Fills out well at the end.

Ear 5 cts. Dz. 40 cts. Qt. 20 cts. Pk. 75 cts. Bu. \$2.50.

MAMMOTH SWEET.—The largest variety grown, very fine for market purposes.

Ear 5 cts. Dz. 50 cts. Qt. 20 cts. Pk. 75 cts. Bu. \$2.50.

HICKOX.—A very handsome and excellent variety of Sugar Corn, large, white grain and sweet.

Ear 5 cts. Dz. 40 cts. Qt. 20 cts. Pk. 75 cts. Bu. \$2.25.

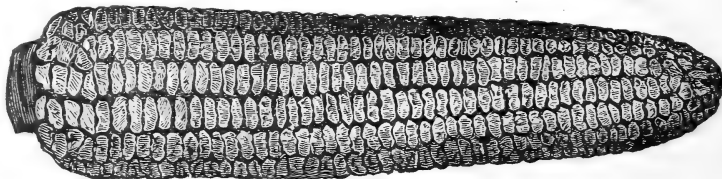
EGYPTIAN OR WASHINGTON MARKET.—A large variety, somewhat resembling the Evergreen, flavor peculiarly rich and sweet and of superior quality, fine for market.

Ear 5 cts. Dz. 40 cts. Qt. 20 cts. Pk. 75 cts. Bu. \$2.25.

BLACK MEXICAN SUGAR.—The Black Corn is especially rich in sugary qualities.

Qt. 20 cts. Pk. 90 cts.

SUGAR CORN.—For Fodder. At Market Prices.



LARGE LATE MAMMOTH.

Messrs. Griffith, Turner & Co.

GENTS: The seeds I have bought from you have always given satisfaction.

JOSEPH PLUMMER,
Jewell, Md.

MILLENBECK, VA.

Messrs. Griffith, Turner & Co.

GENTS: Find amount inclosed for seeds sold this season. Please book our order for 1 box of seed for 1896.

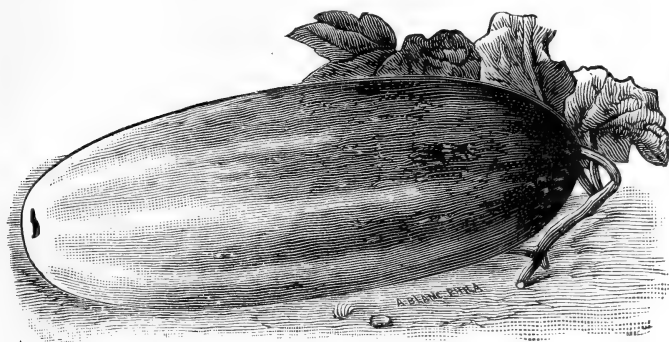
A. B. Wood.

FOR FIELD VARIETIES OF CORN, SEE FARM SEEDS PAGE 31.

SPECIAL PRICES TO CANNERS, GARDENERS AND FARMERS, IN LARGE QUANTITIES.

CUCUMBER.

German, Gurke.



WHITE SPINE CUCUMBER.

BALTIMORE WHITE SPINE CUCUMBER.—This is the best Cucumber for early planting, because it will retain its green color longer than any other sort. It is of good size and shape, and the popular variety with the truckers around Baltimore and Norfolk, as well as the growers from Virginia to Florida.

Pkt. 5 cts. Oz. 10 cts. ¼ lb. 20 cts. lb. 60 cts.

EARLY GREEN.—Early short, prolific. Quality of fruit good.

Pkt. 5 cts. Oz. 10 cts. ¼ lb. 20 cts. lb. 50 cts.

EARLY CLUSTER.—A short, prickly variety, bearing in clusters near the root. A great bearer.

Pkt. 5 cts. Oz. 10 cts. ¼ lb. 20 cts. lb. 50 cts.



LONG GREEN.—Has long been a favorite with growers; dark green, firm and crisp. Superior for pickles and for market.

Pkt. 5 cts. Oz. 10 cts. ¼ lb. 20 cts. lb. 50 cts.

LONG GREEN TURKEY.—A very showy and excellent sort.

Pkt. 5 cts. Oz. 10 cts. ¼ lb. 25 cts. lb. 75 cts.

EVER BEARING.—A very desirable new variety. See description page 3.

Pkt. 5 cts. Oz. 10 cts. ¼ lb. 25 cts. lb. 75 cts.

(One ounce will plant fifty hills; two pounds will plant one acre.)

For very early cucumbers, sow the first of April in a hot-bed, upon pieces of sod (grass side down), so that they can be readily transplanted to the open ground, in rich soil, when danger of frost is over, or protect by hand-glasses. The vines require a warm location for early cucumbers. Plant after the ground has become warm, in hills four feet apart for the smaller varieties, and five feet for the larger sorts. For pickling sow from middle of June to last of July. Manure with ashes, fertilizer or some well-rotted compost, working the manure just under the surface. Sprinkle the vines with slug-shot, plaster or air-slacked lime to protect from bugs. The cucumbers should be gathered when large enough for use, whether required or not; if left to ripen it destroys their productiveness.

PEERLESS WHITE SPINE.—The truckers' favorite early Cucumber, a great bearer; excellent for early forcing or for out-door cultivation. Exceedingly popular with growers everywhere, and its popularity shows its worth.

Pkt. 5 cts. Oz. 10 cts. ¼ lb. 20 cts. lb. 50 cts.

ARLINGTON WHITE SPINE.—A strain of White Spine which has been improved through careful selection, with a view to use for forcing in hot-houses and frames, also elegant for field culture. Our stock produces handsome, dark-colored fruits, which retain their color longer than other sorts.

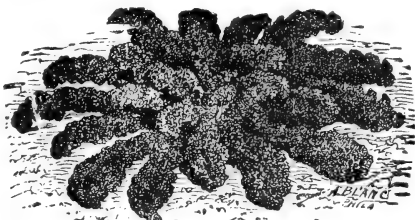
Pkt. 5 cts. Oz. 10 cts. ¼ lb. 20 cts. lb. 60 cts.

JERSEY PICKLE.—This is the most popular sort with the market gardeners around Baltimore and Philadelphia for Pickling. Said to green better than any other variety.

Pkt. 5 cts. Oz. 10 cts. ¼ lb. 20 cts. lb. 50 cts.

GHERKIN OR BURR.—Used for pickles only.

Pkt. 5 cts. Oz. 15 cts. ¼ lb. 35 cts.



DWARF GERMAN.

KALE.

German, Blatter-Kohl.

(One ounce of seed will sow a drill of about 200 feet.)

The Kales are more hardy than Cabbage and make excellent greens for winter and spring use, and are improved by frost. Sow from May to June and cultivate the same as cabbage. For early spring use sow broadcast in September, and protect during winter.

DWARF GERMAN GREENS OR SPROUTS.—This variety sow in September broadcast, and gather in early spring like spinach. It may also be sown early in the spring for later use.

Pkt. 5 cts. Oz. 10 cts. ¼ lb. 15 cts. lb. 40 cts.

NORFOLK.—A variety used by the truckers of Norfolk for shipment North; light green color and leaves much curled.

Pkt. 5 cts. Oz. 10 cts. ¼ lb. 20 cts. lb. 50 cts.

BORECOLE.

This is grown by all the leading market gardeners, and is by many called *Broccoli*. Sow early in spring and transplant to deep, rich soil, and cultivate same as cabbage. Very spreading, nicely curled and hardy; frost improves it.

Pkts. 5 and 10 cts. Oz. 15 cts. ¼ lb. 25 cts. lb. 75 cts.

EGG PLANT.**German, Eierpflanze.**

(One ounce will produce about one thousand plants.)



Sow the seed in hot-beds early in March. When three inches high, pot the young plants, using small pots, and plunge them in the same bed, so that the plants may become stocky. They can be planted out, from the pots, when the season becomes sufficiently warm, in May or June; or they can be transplanted into a second bed to make them strong, until the weather is warm enough to transplant, about three feet apart each way, in thoroughly worked and well enriched soil. Draw the earth up to the stems when about a foot high. Egg-plant seed will not vegetate freely without a strong uniform heat, and if the plants get the least chilled in the earlier stages of growth they seldom recover. Therefore repeated sowings are sometimes necessary. Care should be observed in cutting the fruit so as not to disturb the roots of the plants.

BALTIMORE THORNLESS LARGE PURPLE EGG PLANT.—This Egg Plant is decidedly the best and most profitable sort in cultivation; it is large, thornless, of a handsome purple color and beautiful shape. Our stock of this has for several years been giving unqualified satisfaction. We have never seen finer specimens of Egg Plant than those grown from our seed. See page 7.

Pkts. 10 and 25 cts. Oz. 40 cts. ¼ lb. \$1.15 lb. \$4.00.

LARGE PURPLE EGG PLANT.—This stock is good, closely resembling our Baltimore Thornless, and will give excellent results.

Pkts. 10 and 25 cts. Oz. 30 cts. ¼ lb. 85 cts. lb. \$3.00.

ENDIVE.**German, Endivien.**

(One ounce of seed to 150 feet of row.)

For early use, sow as soon as the ground can be worked in the spring, in drills fifteen inches apart, and thin plants to six or eight inches in the row. To blanch the leaves, gather them carefully together when perfectly dry, and tie with matting or soft fibrous material. Another method is to invert flower pots over the plant. The leaves are very highly esteemed for use as salads.

GREEN CURLED.—The best sort in use. Useful as a salad, and also used for garnishing.

Pkt. 5 cts. Oz. 20 cts. ¼ lb. 50 cts. lb. \$1.50.

**KOHL RABI.**

(1 ounce of seed to 100 yards of row.)

WHITE VIENNA.—Bulb light green, flesh white, very rapid in growth, early in maturity, fine in texture and symmetrical in form; superior.

Pkts. 5 and 10 cts. Oz. 20 cts. ¼ lb. 60 cts. lb. \$2.00.

**LEEK.****German, Lauch.**

(One oz. of seed to 150 ft. of row.)

Select good Onion soil, manure liberally, plant in April in drills six to eight inches deep and eighteen inches apart, and thin to nine inches apart in the drill. Gradually draw the earth around the plants until the drills are filled level with the surface. Draw for use in October. To be used in soups or boiled as Asparagus.

EXTRA LARGE.—A large and strong plant; hardy; the best. **Pkt. 5 cts. Oz. 15 cts. ¼ lb. 45 cts. lb. \$1.50.**

MUSSELBURGH.—Oz. 20 cts. ¼ lb. 60 cts. lb. \$2.00.

LARGE ROUNE.—Pkts. 5 and 10 cts. Oz. 20 cts. ¼ lb. 50 cts. lb. \$1.75.

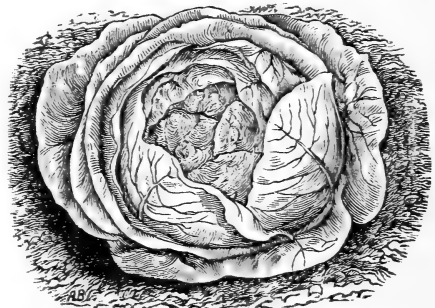
LETTUCE.**German, Lattich.**

(One ounce of seed to 150 feet of row.)

Lettuce requires a rich and rather moist soil. The rows should be about twelve inches apart, and the plants thinned to ten or twelve inches apart for the leading varieties. The more rapid the growth the better the quality. Some varieties are peculiarly adapted for early culture, others for summer growth.

EARLY CURLED SIMPSON, Black Seed.—Very early, excellent for salads; forms a compact mass of leaves. **Pkts. 5 and 10 cts. Oz. 15 cts. ¼ lb. 30 cts. lb. \$1.00.**

DEFIANCE.—Stands summer heat better than any other variety; one of the finest large growing varieties. It forms very large solid heads, so firm they have to be cut open to allow the flower heads to come through. **Pkts. 5 and 10 cts. Oz. 15 cts. ¼ lb. 40 cts. lb. \$1.25.**



WHITE LOAF.—This is so well-known to Truckers and Gardeners around Baltimore and Norfolk that for them it scarcely needs description. For the benefit of those who are not acquainted with it, would say it makes large compact heads, is of beautiful light green color, very tender, and, while unsurpassed for frames, is a good out-door sort. **Pkts. 5 and 10 cts. Oz. 15 cts. ¼ lb. 45 cts. lb. \$1.50.**

BALTIMORE OAK LEAF.—This Lettuce will resist the heat of summer, and stand longer before running to seed than any variety we have ever known. It makes a large solid head, and is very popular with those who know it. Being such a shy seeder, the seed is more expensive than some other sorts. **Pkts. 5 and 10 cts. Oz. 20 cts. ¼ lb. 65 cts. lb. \$2.00.**

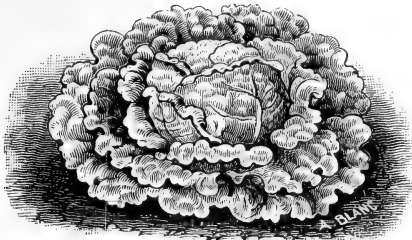
BIG BOSTON.—A new variety, of good quality, very highly recommended by those who have tried it. **Pkts. 5 and 10 cts. Oz. 20 cts. ¼ lb. 50 cts. lb. \$1.50.**

LETTUCE.—Continued.

BALTIMORE CABBAGE.—Introduced by us three years ago, and pronounced by a number of growers to be the finest heading Lettuce they have ever seen. It is constantly gaining friends not only in Baltimore, but at Philadelphia and other places. See description page 6.
Pkts. 5 and 10 cts. Oz. 20 cts. ¼ lb. 65 cts. lb. \$2.00.

PHILADELPHIA BUTTER.—Black seed. Fine for frames and out-door planting.
Pkts. 5 and 10 cts. Oz. 15 cts. ¼ lb. 45 cts. lb. \$1.50.

TENNIS BALL.—Black seed. A favorite forcing variety; very hard head.
Pkts. 5 and 10 cts. Oz. 15 cts. ¼ lb. 30 cts. lb. \$1.00.



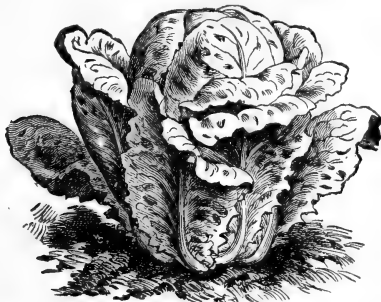
EARLY WHITE CABBAGE, or BUTTER. A broad leaved, vigorous heading sort; white, showy and desirable.
Pkt. 5 cts. Oz. 10 cts. ¼ lb. 25 cts. lb. 90 cts.

GRAND RAPIDS.—This variety originated at Grand Rapids, Mich., where it is largely grown for shipment to distant points, and is considered by many the best loose-headed lettuce for forcing under glass. Leaves medium size, of light, yellowish green color, much crimped and frilled, thin, but of very upright growth; crisp, tender and of good quality. Owing to its upright habit it may be planted very closely. It is of extremely rapid growth; very little liable to rot; will stand without spoiling a week to ten days after it is fit to cut, and retains its freshness a long time after cutting.
Pkt. 5 cts. Oz. 15 cts. ¼ lb. 40 cts. lb. \$1.25.

BOSTON MARKET.—White seed. A celebrated variety in New England, of good heading habit, small, early and compact; quite desirable.
Pkts. 5 and 10 cts. Oz. 15 cts. ¼ lb. 30 cts. lb. \$1.00.

ROYAL CABBAGE.—Oz. 15 cts. ¼ lb. 1 lb.

HANSON.—A variation of the India, forming a half-closed head.
Pkts. 5 and 10 cts. Oz. 15 cts. ¼ lb. 30 cts. lb. 90 cts.



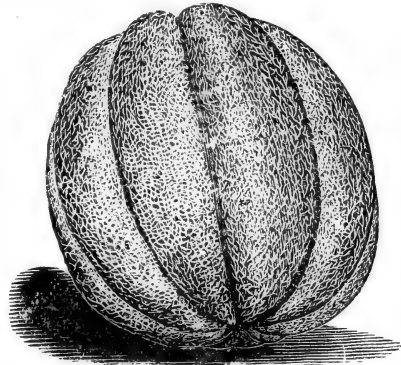
PARIS WHITE COS.—Differs entirely in shape from the other varieties, the head being elongated and of conical form, eight or nine inches in height, and five or six inches in diameter. The outer coloring of this variety is yellowish green. It is very hardy and of good flavor. To blanch perfectly it must be tied up. It is the great favorite of the London market. Try it.
Pkt. 5 cts. Oz. 15 cts. ¼ lb. 30 cts. lb. \$1.00.

MELON CANTELOUPE.

German, Melone.

(One ounce of seed to 50 hills.)

Sow about the last of spring or first of summer, in hills of light, rich, sandy soil, four feet apart, allowing but three plants to grow in each hill; after they have grown about a foot long, pinch off the points of shoots, which causes the vines not only to become stronger, but makes them produce lateral branches and prove more productive and mature earlier. It should not be grown near Squashes, Cucumbers or Pumpkins, as the flavor will be affected in consequence.



EARLY NUTMEG.—Is one of the best old varieties, very early, green fleshed, finely netted, flavor rich and sugary.
Pkt. 5 cts. Oz. 10 cts. ¼ lb. 20 cts. lb. 60 cts.

BALTIMORE NUTMEG.—Well known and extensively used for years by many of the largest growers all over the country. It has attained greater popularity than any Canteloupe ever introduced. Large, thick, green, sweet flesh; fine flavor and an excellent shipper.
Pkt. 5 cts. Oz. 10 cts. ¼ lb. 20 cts. lb. 60 cts.

SOUTHERN BEAUTY.—New. See description, page 5.
Pkts. 10 cts. Oz. 15 cts. ¼ lb. 40 cts. ½ lb. 70 cts. 1 lb. \$1.25. 5 lbs. \$5.00.

EARLY NETTED GEM.—Extensively grown, and many prefer it to all others for table use. Shape almost a perfect globe, and grows remarkably uniform; thick-meated; flesh light green in color and of fine, luscious flavor; skin green, regularly ribbed and thickly netted; very productive and extra early in ripening; will keep for nearly a week after picking, and is especially suited for shipping in baskets or crates.
Pkt. 5 cts. Oz. 10 cts. ¼ lb. 25 cts. lb. 75 cts.

ANNE ARUNDEL.—This handsome Melon has been grown by a number of leading shippers in Anne Arundel Co., Md., for several years, and is growing in favor because of its many good qualities. It is very large, nearly round, deeply netted and of good flavor. A wagon load of them at once attracts the buyer's attention, and when piled up on a market stall they are irresistible. No large grower's stock is complete without this superb melon.
Pkts. 5 and 10 cts. ¼ lb. 25 cts. lb. 75 cts.

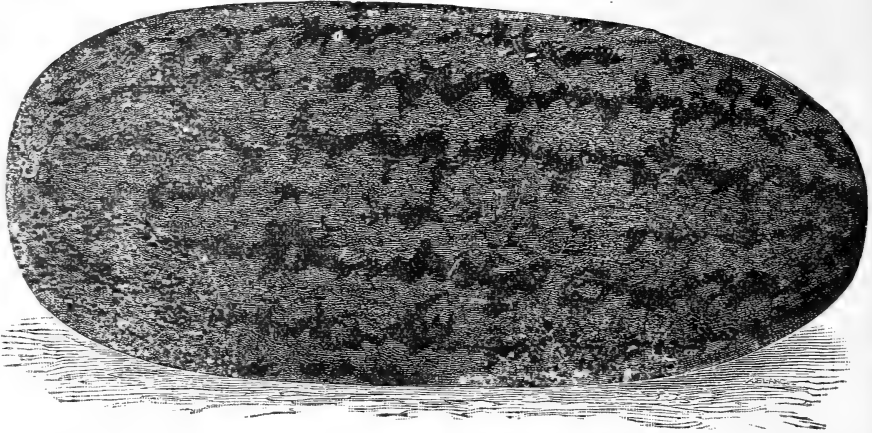
EXTRA EARLY HACKENSACK.—Netted, green flesh and excellent; very showy market variety and an excellent keeper; ten days earlier than the Old Hackensack.
Pkt. 5 cts. Oz. 10 cts. ¼ lb. 20 cts. lb. 60 cts.

IMPROVED JENNY LIND.—A small, early variety of surpassing good quality, highly recommended for family garden. We consider this the most delicious Canteloupe we have ever eaten, and while the fruit is small, it is an abundant bearer. A market gardener having this sort for sale would in a short time have no difficulty in disposing of all he could raise.
Pkt. 5 cts. Oz. 10 cts. ¼ lb. 20 cts. lb. 60 cts.

EMERALD GEM.—Meat salmon color, exceedingly sweet and delicious; very early and prolific. One of the best for family use. Its appearance is not attractive, but try it and you will want it again.
Pkt. 5 cts. Oz. 10 cts. ¼ lb. 25 cts. lb. 75 cts.

LORD BALTIMORE WATERMELON.

We wish to call special attention to this splendid and delicious melon. It is early, very large, of oblong shape, and the flesh is of handsome crimson color, deliciously sweet, and extending close up to the rind. It has a thin, hard rind, beautifully mottled, light and dark green. Its perfect shape, faultless color, fine texture and excellent flavor combine to make it one of the very best melons that grows. It is a good shipper, and beats all others as a seller.



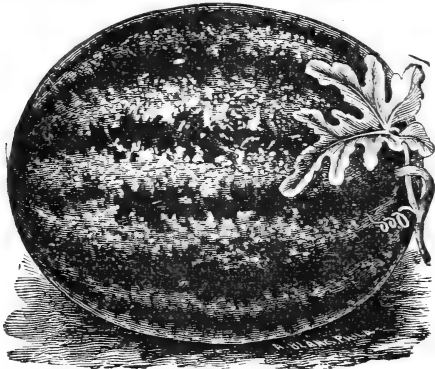
Pkt. 5 cts. Oz. 10 cts. ¼ lb. 25 cts. 1b. 75 cts. 5 lbs. \$3.00.

WATERMELON.

German, Wasser-Melone.

(One ounce of seed to thirty hills.)

Watermelons require a rich, sandy soil for best development. Cultivate the same as for canteloupes, except that the hills should be eight to ten feet apart.



KOLB'S GEM.—This is one of the largest, most productive, best keeping and best shipping Melons grown. Sells readily at the highest market price. In fact, it is so well known that it speaks for itself. Our stock of this comes direct from the original grower. Special prices on large quantities.

Pkt. 5 cts. Oz. 10 cts. ¼ lb. 15 cts. 1b. 40 cts.

DUKE JONES.—A new sort, which the grower claims to be the best ever introduced. (See description, page 5.)

Pkt. 10 cts. Oz. 10 cts. ¼ lb. 25 cts. 1b. 75 cts.

SEMINOLE.—Extra early, enormously productive, extra large and of delicious flavor. Try it.

Pkt. 5 cts. Oz. 10 cts. ¼ lb. 15 cts. 1b. 40 cts.

THE JONES.—This is a splendid Melon. The color of the skin is solid green, and the flesh is a very bright red, particularly sweet, juicy and melting. It grows to a large size, frequently attaining the weight of eighty pounds. In shape it resembles Kolb's Gem, and, like that variety, is one of the best shipping sorts.

Pkt. 5 cts. Oz. 10 cts. ¼ lb. 20 cts. 1b. 50 cts.

DARK ICING.—This variety grows to medium size, averaging in weight from twenty-five to thirty pounds, although we have known them to reach fifty pounds. The skin is dark green and firm. The flesh is a deep, rich scarlet, of delicious flavor; it is one of the best shipping and carrying melons grown.

Pkt. 5 cts. Oz. 10 cts. ¼ lb. 20 cts. 1b. 50 cts.

LIGHT ICING.—Light green mottled, very large; flesh deep red, splendid quality; one of the largest and finest melons.

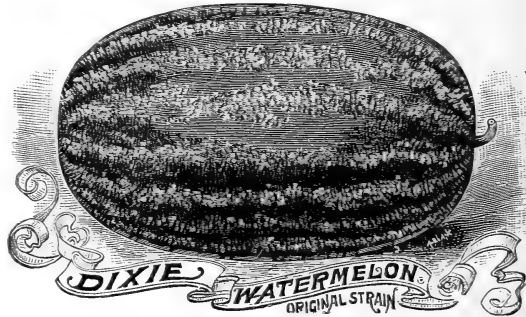
Pkt. 5 cts. Oz. 10 cts. ¼ lb. 20 cts. 1b. 50 cts.

FLORIDA FAVORITE.—This we consider the richest and sweetest flavored melon grown, of medium size and prolific. The best of all for family garden. It is now very popular with the truckers and melon growers of Maryland and Virginia, and sells readily in the Baltimore market.

Pkts. 5 cts. Oz. 10 cts. ¼ lb. 20 cts. 1b. 50 cts.

GIRARDEAU'S FAVORITE.—This is an improvement on the Florida Favorite, resembling it very much, but larger.

Pkts. 5 cts. Oz. 10 cts. ¼ lb. 20 cts. 1b. 60 cts. 5 lbs. \$2.50.



DIXIE.—This new melon came to us with the highest recommendations as to its productive and shipping qualities, and our experience with it has fully borne out all that was claimed for it. Its eating quality is equal to the best. It is earlier and larger than the well-known and popular Kolb-Gem, and in color a darker green, with beautiful stripes, making it one of the handsomest Melons on the market. Flesh deep red, sugary and melting.

Pkt. 5 cts. Oz. 10 cts. ¼ lb. 20 cts. 1b. 40 cts.

RATTLE SNAKE.—Large, oblong, striped and mottled; flesh bright red; a good shipper; a favorite variety in the South.

Pkt. 5 cts. Oz. 10 cts. ¼ lb. 20 cts. 1b. 50 cts.

CITRON.

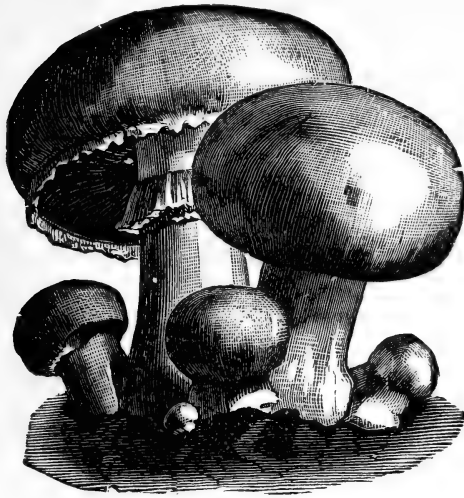
Used in preserving.

Pkt. 5 cts. Oz. 10 cts. ¼ lb. 25 cts.

MUSHROOM CULTIVATION—Continued.

as it does not combine the necessary qualities. Long strawy litter, plentifully mixed with short manure, makes by far the best beds, as it does not heat too violently, decomposes slowly and retains its heat for a long period. Put in a heap and turn every three or four days to permit the escape of noxious gases and prevent burning. When ready for use it should be as hot as can be borne comfortably by the hand, and should also be moist. Make the beds three feet wide at the base, two and a half feet high, and of any desired length. The manure, when in proper condition, should be quickly handled to prevent the loss of heat and be beaten down to make the heap firm and compact, and cover with long litter; when the heat has decreased to 90°, the bed is ready to receive the spawn, which is done by raising the manure with the hand and inserting pieces of spawn two inches square and nine inches apart each way. At the expiration of a few days the bed may be covered with soil to the depth of about two inches. If the soil is poor add a liberal quantity of bone meal.

Best English Spawn, 12 cts. per Lb. 10 lbs. for \$1.00. 100 lbs. for \$8.00.



MUSHROOMS.

Mushrooms can be readily grown in cellars, stables, sheds or pits. Many are successfully grown on a shelf in an ordinary cellar, and yield sufficient crops to compensate the grower for his effort. The space under greenhouse benches or stagings will suit them exactly, using materials in same manner as described.

CULTIVATION.

The cultivation of the Mushroom is a very simple matter, and requires only ordinary intelligence and care. The materials needed are fresh horse manure, good soil and live spawn. The manure should not be too short,

MUSTARD SEED.

Pkt. 5 cts. ¼ lb. 10 cts. Lb. 25 cts.

NASTURTIUM.

Plant in May the climbing varieties to cover arbor or fence, and the Dwarf for beds or hanging baskets. The leaves are used for salad, and the seeds, when soft enough to be easily penetrated by the nail, for pickles.

TALL.—

Pkt. 5 cts. Oz. 15 cts. ¼ lb. 35 cts. Lb. \$1.25.

DWARF.—Pkt. 5 cts. Oz. 15 cts. ¼ lb. 35 cts. Lb. \$1.25.

ONIONS.

To grow large Onions from Seed.—The seed should be sown as early as possible in the Spring, as they grow much better during the cool weather and should make most of their growth before the hot weather sets in. Sow five pounds of seed to the acre for large onions.

The New Onion Culture.—Sow the seed in hot-bed, and transplant as early as possible to open Ground; they can be grown very successfully by this plan.

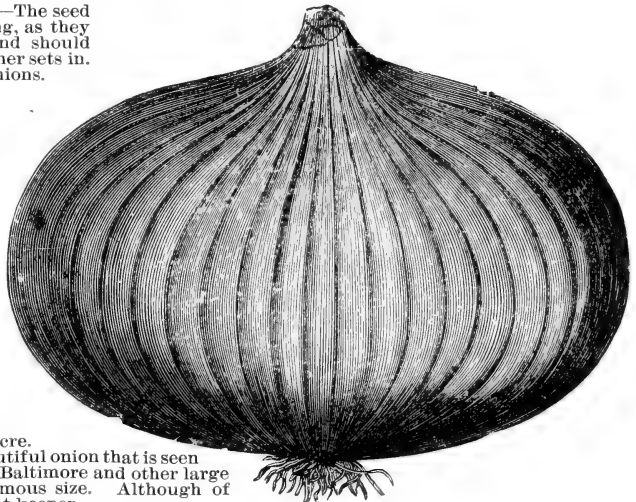
For Sets.—Have a clean and very rich soil which should be thoroughly cultivated, or it will not do well enough to pay for the trouble. The most successful growers work their ground several times in the Fall to kill out the weeds, and get ground in nice condition. Use well rotted manure freely, and be sure to get the seeds in as early as possible in the Spring, no matter if it is ever so cold or unpleasant, and keep the soil mellow and clear of weeds, and if seed is good you will have a large crop of onion sets. On no other condition can you hope for success. Disturb the roots of the Onion as little as possible, either in thinning or hoeing, and never hoe earth towards them to cover or hill, as we do most other things.

Sow the seed in drills about 12 inches apart. It will require from 40 to 60 lbs. to sow an acre.

PRIZETAKER.—This is the large, beautiful onion that is seen every Fall offered for sale at the fruit stores in Baltimore and other large cities. They are a rich straw color and of enormous size, such large size it is very hardy and an excellent keeper. See description page 7. **Pkt. 10 cts. Oz. 20 cts. ¼ lb. 50 cts. Lb. \$1.60. 5 lbs. \$7.50.**

AMERICAN EXTRA EARLY WHITE PEARL.—Earliest of all, growing with all the rapidity of a summer radish. Pearly white, waxy and transparent. Form flat and broad, flavor very mild and it can be eaten raw almost like an apple. On rich soil it will grow very large. This is an elegant sort to sow for large onions, because of its rapid growth and fine quality.

Pkt. 10 cts. Oz. 25 cts. ¼ lb. 60 cts. Lb. \$2.00.



WHITE SILVER SKIN.

WHITE SILVER SKIN.—White, mild flavored and a good keeper. The best white onion to grow in quantities for sets.

Pkt. 10 cts. Oz. 25 cts. ¼ lb. 60 cts. Lb. \$2.00. 5 lbs. \$1.85 per lb.

EXTRA EARLY RED.—Onions of fit size for table use may be raised from the black seed the first season. **Pkts. 5 and 10 cts. Oz. 20 cts. ¼ lb. 40 cts. Lb. \$1.25.**

ONIONS—Continued.

WHITE PORTUGAL.—Pkts. 5 and 10 cts. Oz. 20 cts. ¼ lb. 65 cts. Lb. \$2.00.

SOUTHPORT WHITE GLOBE.—A large, showy variety. Pkts. 5 and 10 cts. Oz. 20 cts. ¼ lb. 60 cts. Lb. \$2.00.

LARGE RED WETHERFIELD.—An old, well-known and favorite sort. A large yielder and good keeper. Pkts. 5 and 10 cts. Oz. 15 cts. ¼ lb. 40 cts. Lb. \$1.10.

LARGE YELLOW DUTCH OR STRASBURG.—Very fine, a good keeper; the kind used very largely by those who grow onion sets for market. Pkts. 5 and 10 cts. Oz. 15 cts. ¼ lb. 30 cts. Lb. 90 cts.

YELLOW GLOBE DANVERS.—A very handsome round yellow onion, a large yielder and splendid keeper, the preferred sort with market gardeners and large growers all over the country. We unhesitatingly recommend it for growing either sets or large onions. Pkts. 5 and 10 cts. Oz. 15 cts. ¼ lb. 30 cts. Lb. 90 cts.

YELLOW DANVERS.—Oz. 15 cts. ¼ lb. 30 cts. Lb. 80 cts.



ONION SETS.

White, Qt. 20 cts.

Yellow, Qt. 20 cts.

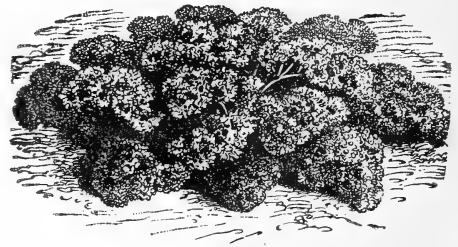
If wanted by mail add 10 cents per quart to pay postage. By the bushel, at market prices.

WRITE US FOR QUOTATIONS BY THE BUSHEL.

PARSLEY.

Select rich soil; sow the seed in drills one foot apart, covering half an inch deep. It would be well to firm the soil with the foot after sowing the seed. As the seed is usually from fifteen to twenty-five days in vegetating, it will be necessary to sow early. Thin plants to four inches apart when two inches high. The beauty of the plant may be increased by several successive transplantings. It is used principally for flavoring soups, etc., and for garnishing in its natural state.

MOSS CURLED.—A very select crimped variety. Pkt. 5 cts. Oz. 10 cts. ¼ lb. 25 cts. Lb. 75 cts.



DOUBLE CURLED.—The most beautiful and valuable variety in use. Of a handsome, bright green color, finely crimped and beautifully curled.

Pkt. 5 cts. Oz. 10 cts. ¼ lb. 20 cts. Lb. 60 cts.

Quantity of Seeds Required for a Given Number of Plants, Number of Hills or Length of Drills.

Asparagus.....	1 ounce to	50 feet drill.
Beet	1 "	50 "
Celery	1 "	100 "
Carrot	1 "	100 "
Endive.....	1 "	150 "
Egg Plant.....	1 "	300 "
Lettuce	1 "	150 "
Okra.....	4 "	100 "
Onion.....	1 "	100 "
Onion Sets, small	1 quart to	100 "
Parsley	1 ounce to	150 "
Parsnip.....	3 "	100 "
Radish.....	2 "	100 "
Salsify.....	1 "	70 "
Spinach.....	2 "	100 "
Turnip.....	1 "	150 "
Peas.....	1 quart to	100 "
Dwarf Beans.....	1 "	100 "
Pole Beans.....	1 ounce to	100 "
.....	1 quart to	150 hills.
Corn.....	1 "	200 "
Cucumber.....	1 ounce to	50 "
Watermelon.....	1 "	30 "
Muskmelon.....	1 "	60 "
Pumpkin.....	1 "	40 "
Early Squash.....	1 "	50 "
Marrow Squash.....	1 "	16 "
Cabbage—1 ounce of seed will produce.....		2000 plants.
Cauliflower—1 ".....		2000 "
Celery—1 ".....		3000 "
Egg Plant—1 ".....		1000 "
Lettuce—1 ".....		3000 "
Pepper—1 ".....		1000 "
Tomato—1 ".....		1500 "

OKRA OR GUMBO.

Select warm location and rich soil and plant when the ground becomes warm, in rows three feet apart, thinning plants a foot apart in the row. As the seed are liable to rot in cool weather, they should be sown thickly. The pods are used to thicken soup, being gathered when young. It is one of the most wholesome vegetables in use.



DWARF PROLIFIC.—Of dwarf habit and an abundant bearer, the best sort in use.

Pkt. 5 cts. Oz. 10 cts. ¼ lb. 20 cts. Lb. 50 cts.

WHITE VELVET.—It is very distinct and the pods are perfectly round, smooth, of an attractive white velvet appearance, and of superior flavor and tenderness. The pods are of extra large size and produced in great abundance.

Pkt. 5 cts. Oz. 10 cts. ¼ lb. 20 cts. Lb. 50 cts.

PARSNIPS.



The Parsnip will flourish best and give the longest, largest and smoothest roots in a very deep, rich soil—one that has been made rich from manure the previous year. *Fresh manure makes the roots somewhat illshaped.* Sow as early in the spring as the ground can be made ready, pretty thickly in drills from twelve to eighteen inches apart, and about an inch deep. Thin the plants to five or six inches apart.

HOLLOW CROWN, or SUGAR.

The Hollow Crown is superior in quality to all other varieties, and the preferred kind with Baltimore Gardeners; the roots are smooth, tender, handsome shape and early. We have the finest stock of Hollow Crown Parsnips that we know of in this country.

Pkt. 5 cts. Oz. 10 cts. ¼ lb. 20 cts. 1b. 50 cts.

PEAS.

NOTICE.—In ordering Peas to be sent by mail, please add 8 cts. per pint to pay postage.

The dwarf varieties should be liberally manured; the tall sorts will run too much to vine if heavily manured, it being better to depend on the richness of the land that was previously in good condition. Plant the dwarf in rows two feet apart; those varieties attaining the height of from two to three feet, in rows three feet apart, and the rows of the tallest sort four feet apart. Bush the tall kind when six inches high, or poles set every six or eight feet, with twine fastened to them about four inches apart, answer finely.

Extra Early Dwarf.

These varieties require no sticking.

AMERICAN WONDER.—Very luscious in flavor. Try it; height 12 inches. The earliest wrinkled Pea, very productive and sweet. Better suited to the private than the market garden.

Pt. 15 cts. Qt. 30 cts. ¼ bu. \$1.50. Bu. \$5.00.

PREMIUM GEM.—Height 15 inches. An improvement upon the Little Gem. A splendid wrinkled dwarf Pea, very luscious in flavor. Try it.

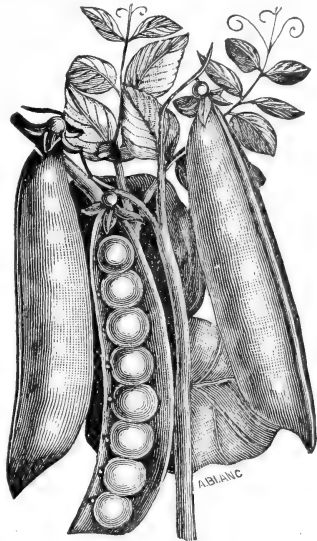
Qt. 25 cts ¼ bu. \$1.15. Bu. \$4.00.

BLUE PETER, or BLUE TOM THUMB. One of the earliest and hardest of the dwarf varieties, blue seed, dark green pods, large Peas, of excellent quality; much superior to the White Tom Thumb.

Pt. 15 cts. Qt. 25 cts. Pk. \$1.50.

NOTT'S EXCELSIOR.—A splendid new variety. See description, page 3. **Pt. 20 cts. Qt. 35 cts. Pk. \$2.00.** If by mail add 8 cents per pint for postage.

Extra Early Medium Height.



GRIFFITH, TURNER & CO'S FIRST EARLY.—Height 2½ feet. Earliest of all and most profitable market Pea, because most uniform in growth and maturity. It ripens up so evenly as only to require about two pickings to secure the crop. Grown from selected stock, under our own supervision, and the greatest care is exercised to keep it up to the highest standard of quality. Largely used by truckers, as well as private families. Our sales of this sort increase rapidly each year.

Pt. 15 cts. Qt. 25 cts. ¼ bu. 90 cts. Bu. \$3.25.

RURAL NEW YORKER.—Height 2½ feet. In maturity it is among the first early.

Qt. 20 cts. ¼ bu. 75 cts. Bu. \$2.75.

FIRST AND BEST.—Height 2½ feet. Grown with special care; one of the early varieties.

Qt. 20 cts. Pk. 75 cts. Bu. \$2.75.

ALASKA.—Height 26 inches. The earliest Blue Pea; very uniform in growth and time of ripening; the dark green color of pods make this a most desirable sort for canners and shippers, as it can be carried long distances without losing color.

Qt. 20 cts. Pk. \$1.00. Bu. \$3.50.

DEXTER.—Qt. 20 cts. Pk. 85 cts. Bu. \$3.00.

TRIUMPH.—Qt. 20 cts. Pk. 75 cts. Bu. \$2.50.

Second Early and Late Varieties.

PRIDE OF THE MARKET.—A medium early dwarf Pea of vigorous habit and very productive. The pods are large, of a medium green color, and contain 7 to 9 peas of fine quality. 1½ feet.

Pt. 20 cts. Qt. 35 cts. Pk. \$1.50. Bu. \$5.50.

YORKSHIRE HERO.—Height 2½ feet. A wrinkled variety, productive and of a very superior flavor.

Qt. 20 cts. ¼ bu. 75 cts. Bu. \$3.00.

ADVANCER.—Height 2½ feet. A green wrinkled variety, introduced some years ago and has always given satisfaction.

Qt. 20 cts. Pk. 85 cts. Bu. \$3.25.

ABUNDANCE.—Height 30 to 36 inches. An excellent half dwarf, medium early, wrinkled variety, pods three and a half inches long, containing six to eight large peas of excellent quality.

Qt. 20 cts. Pk. 85 cts. Bu. \$3.25.

PEAS.—Continued.

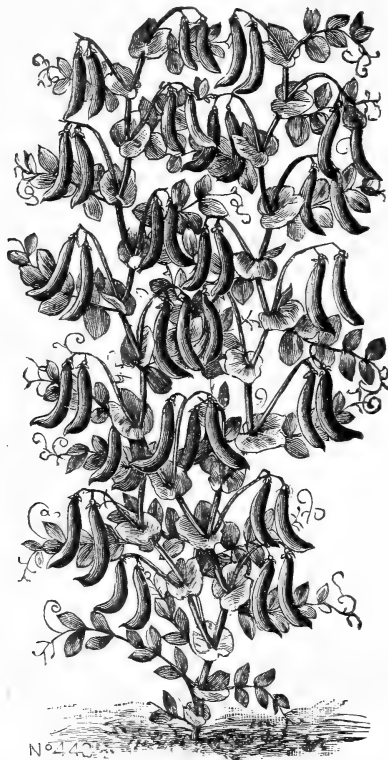
GARDENER'S FAVORITE.—

Height, 30 to 36 inches. A wrinkled variety named and introduced by us, and which is constantly gaining friends; of most delicious flavor, prolific bearer, specially suited for the market garden trade.

It is also attracting considerable attention with some of our leading Canners, as when packed they find the quality to be superior to any other sort.



Pt. 15 cts. Qt. 25 cts. ¼ Bu. \$1.15. Bu. \$4.00.



FRENCH CANNER.—Height, 3½ feet. The celebrated Pea used in France by the Canners. It is wonderfully prolific, bearing an abundance of long pods containing seven to nine Peas of excellent flavor.

Qt. 20 cts. Pk. 75 cts. Bu. \$2.50.

THE ADMIRAL.—A very desirable new variety, medium early and very productive, and of good flavor.

Qt. 25 cts. Pk. \$1.25. Bu. \$4.25.

HEROINE.—A medium early green wrinkled Pea, and one of the best of recent introduction; large, recurved, showy pods; an immense cropper; peas of finest quality; height, 2 to 2½ feet.

Pt. 15 cts. Qt. 30 cts. Pk. \$1.75.

SHROPSHIRE HERO.—A grand new second early wrinkled Pea, producing long, handsome, well-filled pods in great abundance; 2½ feet.

Pt. 15 cts. Qt. 30 cts. Pk. \$1.75.

EVERBEARING.—Vines about two feet high, of a branching character, forming as many as ten stalks from a single root stalk. Peas large and of fine quality.

Qt. 20 cts. Pk. \$1.00. Bu. \$3.50.

STRATAGEM.—Height, 2½ feet. A large wrinkled Blue Pea of excellent quality; very long, large filled pods; one of the best.

Qt. 30 cts. Pk. \$1.50. Bu. \$5.00.

IMPROVED STRATAGEM.—More regular in its growth than the ordinary Stratagem, and every way superior.

Pt. 20 cts. Qt. 35 cts. Pk. \$2.00.

HORSFORD'S MARKET GARDEN.—Height, 2½ feet. A medium early wrinkled variety highly recommended.

Qt. 20 cts. Pk. \$1.00. Bu. \$3.50.

CHAMPION OF ENGLAND.—Height, 4 feet. An old favorite, rich flavored and very productive.

Qt. 20 cts. Pk. 75 cts. Bu. \$2.75.

FORTY FOLD.—An improvement on the Champion of England.

Qt. 20 cts. Pk. 85 cts. Bu. \$3.00.

TELEPHONE.—Height, 3 to 4 feet. Large wrinkled seeds; pods large and well filled.

Qt. 25 cts. Pk. \$1.10. Bu. \$4.25.

TELEGRAPH.—Resembles the Telephone in every respect, except they are a deeper shade of green. Pods are very attractive in appearance.

Pt. 15 Cts. Qt. 25 cts. Pk. \$1.50. Bu. \$5.50.

GRIFFITH'S CANNING.—This new Pea which we introduced last year is unsurpassed for canning purposes. It is medium early, with a vigorous vine, bearing a great profusion of pods closely packed with Peas of excellent flavor. The small size and fine flavor of the Pea, in addition to its great productiveness makes it specially desirable for Canners. One Canner took two bushels on trial last year, and has ordered fifty bushel for this season; height, 3½ feet.

Qt. 25 cts. Pk. \$1.15. Bu. \$4.00.

DWARF WHITE MARROWFAT.—Height 3½ to 4 feet. Standard market variety.

Pt. 10 cts. Qt. 15 cts. Pk. 50 cts. Bu. \$1.75.

IMPROVED SUGAR MARROWS.—Height 3½ feet. Grows a strong vine, bears in abundance large, filled pods. The Truckers' favorite; have never been able to get enough to fill our orders.

Qt. 20 cts. Pk. \$1.25. Bu. \$4.00.

MELTING SUGAR—Edible Pods.—This new variety is ahead of all other Sugar Peas, not only in size of Pod and prolific bearing, but also for its delicious flavor. It grows to the height of five feet, bears a profusion of very large, broad, handsome, light green (nearly white) pods, which are generally found in pairs, and are so brittle that they snap without any strings. Sweet and tender, and is cooked like wax beans.

Pt. 25 cts. Qt. 40 cts.

TALL GREY SUGAR.—Edible pods; cooked in the pods same as Snap Bean.

Pt. 20 cts. Qt. 35 cts.

PEPPER.

Capsicum or Pepper, is cultivated mainly for Pickles. It is used as a seasoning in many ways, and sometimes medicinally. Sow the seed early in a hot bed, if possible; if not, select a warm place in the garden for the seed bed and sow as soon as the soil is warm. Transplant when three or four inches high, in rows 18 inches apart.

CAVENE.—Small, long and tapering, very hot, best for seasoning pickles.

Pkt. 5 and 10 cts. Oz. 25 cts. ¼ lb. 75 cts.

LARGE SWEET SPANISH, OR MOUNTAIN.—Very large and excellent for Mangoes or Stuffed Pickles.

Pkt. 5 and 10 cts.

Oz. 25 cts. ¼ lb. 70 cts. lb. \$2.00.

BULL NOSE or BELL.—Good for pickling, very hot.

Pkt. 5 and 10 cts.

Oz. 25 cts. ¼ lb. 70 cts. lb. \$2.00.

RUBY KING.—An excellent sort of large size and mild flavor.

Pkt. 5 and 10 cts.

Oz. 25 cts. ¼ lb. 70 cts.

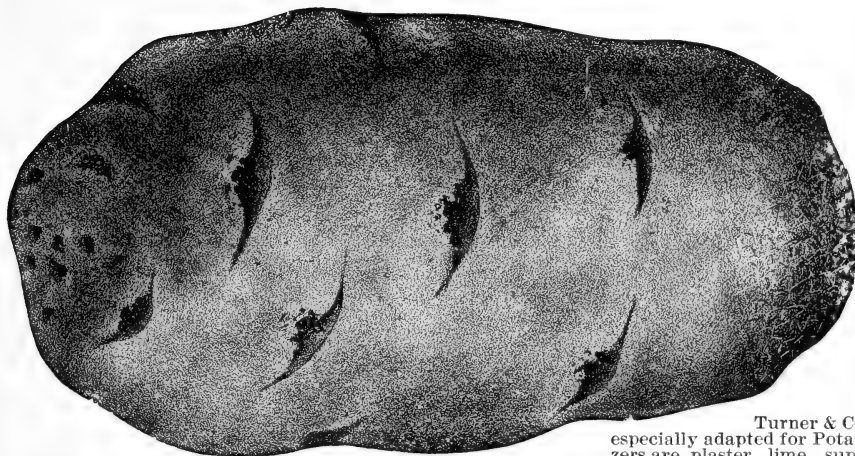
GOLDEN QUEEN.—In shape and size similar to Bull Nose, and of mild flavor, color yellow.

Pkt. 5 and 10 cts. Oz. 25 cts. ¼ lb. 70 cts.

RED CHERRY.—Pkts. 5 & 10 c. Oz. 25 c.

POTATOES.

German, Kartoffel.



The soil best suited to the Potato is a rich sandy loam, but it seems to thrive in almost any soil or climate. The potato being a gross feeder, requires a liberal application of manure; if stable manure is to be used, it should be well rotted, and not allowed to come in contact with the tubers. On no other crop are the results from the use of phosphates so manifest as on the potato; almost invariably the tubers are smoother, brighter and freer from rust and the destructive influence of wire worms. Griffith,

Turner & Co.'s **Plant Food** is especially adapted for Potatoes. The best fertilizers are plaster, lime, super-phosphate of lime

and bone dust, for heavy and wet soils especially, as they promote growth and at the same time prevent disease. Plant as early in the spring as the ground can be thoroughly worked, in rows 3 to 4 feet apart and one foot in the rows; covering in light warm soil about 4 inches, and in cold wet ground 3 inches deep; draw the earth to the plants as they advance in growth. If an early crop is desired, sprout the tubers, or cut potatoes, in a light, warm room, from four to six weeks before planting, then lift carefully and plant out; by this process shoots are obtained that, as soon as planted out in the open ground, will send out roots, and grow more rapidly than if treated in the ordinary way. The soil should be constantly stirred through the season to prevent the surface from baking.

G., T. & CO.'S EXTRA EARLY PRIZE.

—This new Potato which we tried last year is in all respects a very superior early sort. It proved to be the earliest and most productive of any we tried, also found its eating quality first-class. We consider it the best early potato on the market to-day.

Pk. 60 cts. Bu. \$1.75. Bbl. \$4.00.

EARLY NORTHER.

—This superb Potato originated at Caribou, Maine. It resembles the early rose in shape and color, matures earlier than the Rose, and is much more productive. Under our own observation the past season it yielded 50 per cent. more than the Rose, matured earlier, and was in all respects superior.

Pk. 50 cts. Bu. \$1.50. Bbl. \$3.50.

BROWNELL'S WINNER POTATO.

—This fine new potato is a very desirable addition to our list. It is medium early, medium long, flattened oval in shape; in color of skin similar to Early Rose, but not so dark; eyes slightly depressed, and in most specimens showing a slight pink color in the depth of the eye. A smooth, handsome potato of good form and excellent cooking qualities.

Pk. 50 cts. Bu. \$1.25. Bbl. \$3.00.

BLISS TRIUMPH.

—This beautiful variety combines the wonderful productiveness of the Peerless with all the good qualities of the Early Rose, is much more productive, and matures its crop at least a week in advance of the Early Rose. Tubers are of medium size, round and uniform in shape, with but a very few small ones; eyes slightly depressed; color a beautiful light red. Its great beauty, productiveness and fine quality make it one of the best market varieties.

Pk. 50 cts. Bu. \$1.50. Bbl. \$3.50.

EARLY OHIO.

—This is very early and productive, of fine quality and an excellent keeper.

Pk. 50 cts. Bu. \$1.50. Bbl. \$3.50.

MAINE OR HOULTON EARLY ROSE.

The Early Rose led the list for over 30 years, and is to-day one of the best early market potatoes. Our stock of this is grown on new land, near Houlton, Me., is rugged and pure and produces as good crops as those which made the Early Rose famous in its early years. Remember that this stock is not to be confounded with the old run-out Rose, grown in other sections.

Pk. 50 cts. Bu. \$1.50. Bbl. \$3.25.

NEW YORK EARLY ROSE.—A leading variety for earliness, quality and productiveness.

At Market Prices.

NEW QUEEN.—A grand potato of recent introduction, closely resembling Beauty of Hebron in appearance, color, size and shape, but is seven to ten days earlier, and a heavy yielder. Our seed of this variety comes from Maine, where it originated, and is pure and true to name.

Pk. 50 cts. Bu. \$1.50. Bbl. \$3.50.

THE FREEMAN POTATO.—This new extra early variety was introduced four years since under the claim of being the greatest potato introduced since the Early Rose. It has made a wonderful record, giving enormous yields in all sections where grown. It is of handsome shape, with beautiful russet skin, and is fully equal to the old Snowflake in eating qualities. It will pay every market gardener to plant the Freeman. Our crop is grown from select stock, and will be found pure and genuine.

Pk. 50 cts. Bu. \$1.50. Bbl. \$3.50.

MAINE BURBANK.—This is an old and reliable variety, and is A No. 1 for a late, large-yielding, good-keeping potato, and for table use, after January 1st, is one of the best

Pk. 50 cts. Bu. \$1.25. Bbl. \$3.00.

NEW YORK BURBANK.—At Market Prices.

NOTE—Prices of Potatoes are subject to market changes. Potatoes are forwarded by express or freight as directed, purchaser paying charges. We use our discretion in regard to time of shipment, as frequently when orders are received, the weather for a week at a time will not permit safe delivery. We assume no risk on Potatoes. They are forwarded strictly at purchaser's risk.

SWEET POTATOES.

Choice Jersey Sweets at market prices during season. Write us for quotations.

PUMPKIN.



Plant in May, in hills eight feet apart. Allot ten seeds to each hill, as bugs often destroy the young plants, but only allow two or three healthy plants to remain in each hill. They are usually planted in fields with corn or potatoes.

MARYLAND SWEET POTATO.

This is the best table Pumpkin in cultivation; in shape and size it somewhat resembles the Cashaw, but much more beautiful in color, being a handsome green and white stripe. The flesh is a rich yellow color, solid, fine grained, very

thick, flavor delicious.

Pkt. 5 cts. Oz. 10 cts. ¼ lb. 25 cts. Lb. 75 cts.

TENNESSEE SWEET POTATO.—A splendid pie and cooking pumpkin. They grow pear-shaped to medium size, slightly ribbed; skin is a creamy white, lightly striped with green; flesh very thick, creamy white, dry and fine grained, keeping well until late in the spring; when cooked resemble sweet potatoes, but much more delicious in taste. The vines are hardy and enormously productive.

Pkt. 5 cts. Oz. 10 cts. ¼ lb. 20 cts. Lb. 50 cts.

LARGE CHEESE.—Skin reddish orange, flesh thick, fine and sweet.

Pkt. 5 cts. Oz. 10 cts. ¼ lb. 20 cts. Lb. 50 cts.

CASHAW OR CROCKNECK.—Solid flesh, fine and sweet, keeps well.

Pkt. 5 cts. Oz. 10 cts. ¼ lb. 20 cts. Lb. 50 cts.

CONNECTICUT FIELD.—Very productive, and grown for feeding stock. It is so well known that it does not need description.

¼ lb. 10 cts, Lb. 25 cts. 5 lbs. \$1.00. Qt. 20 cts.

RADISH.

For an early supply sow in hot-bed, in February. For a successive supply sow from middle of March to September. Radishes thrive best in a light, rich, sandy loam.

The Radish must make a rapid growth to be fit for use; it will then be crisp and tender and of mild flavor. If it grows slowly, it will be hard, fibrous and disagreeably pungent.

WHITE VIENNA OR LADY-FINGER RADISH.—This is unquestionably the finest long white radish. Of most handsome shape; in color is a beautiful snow white. It is of very rapid growth, and remarkably crisp, brittle and tender, equally desirable for the market or home garden.

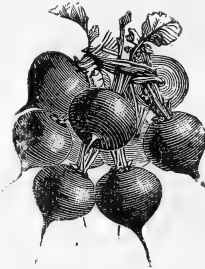
Pkt. 5 cts. Oz. 10 cts. ¼ lb. 20 cts. Lb. 60 cts.

EARLY SCARLET OR PRUSSIAN GLOBE.—The most handsome and best forcing Radish we have. A new sort and very choice, root round and crimson colored, early, very attractive and desirable.

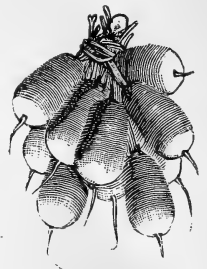
Pkt. 5 cts. Oz. 10 cts. ¼ lb. 20 cts. Lb. 60 cts.

EARLY WHITE TURNIP.—For forcing.

Pkt. 5 cts. Oz. 10 cts. ¼ lb. 20 cts. Lb. 50 cts.



EARLY RED TURNIP.



FRENCH BREAKFAST.

EARLY RED TURNIP.—Turnip-shaped, skin red; for forcing.

Pkt. 5 cts. Oz. 10 cts. ¼ lb. 20 cts. Lb. 50 cts.

WHITE TIP SCARLET TURNIP.—Red skin, fine flavor, very pretty.

Pkt. 5 cts. Oz. 10 cts. ¼ lb. 20 cts. Lb. 50 cts.

FRENCH BREAKFAST.—Of oval form, color scarlet, white tipped.

Pkt. 5 cts. Oz. 10 cts. ¼ lb. 20 cts. Lb. 50 cts.

LONG SCARLET AMERICAN.—Short top, deep scarlet roots, crisp, fine.

Pkt. 5 cts. Oz. 10 cts. ¼ lb. 20 cts. Lb. 50 cts. 5 lbs. \$2.00.

WHITE OLIVE.—Quite salable in market.

Pkt. 5 cts. Oz. 10 cts. ¼ lb. 20 cts. Lb. 50 cts.

SCARLET OLIVE-SHAPED.—A showy, half-long variety of pretty shape, and bunches beautifully.

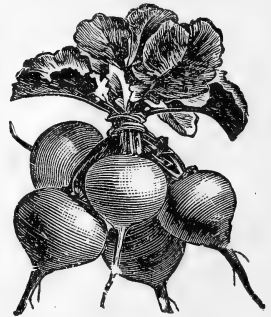
Pkt. 5 cts. Oz. 10 cts. ¼ lb. 20 cts. Lb. 50 cts.

LARGE WHITE SUMMER.—This is the most popular white Radish for summer use, with the gardeners around Baltimore, because of its handsome appearance and ready sale and its well-known quality of being slow to run to seed.

Pkt. 5 cts. Oz. 10 cts. ¼ lb. 20 cts. Lb. 50 cts.



LARGE WHITE SUMMER.



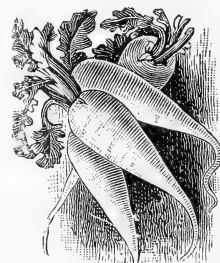
GOLDEN GLOBE.

GOLDEN GLOBE.—The best summer Radish. Slow to run to seed, shape globular, bright yellow color, and mild flavor.

Pkt. 5 cts. Oz. 10 cts. ¼ lb. 20 cts. Lb. 50 cts.

CHARTIER.—A good variety for private or market garden purposes; stands long before going to seed, and is tender and crisp.

Pkt. 5 cts. Oz. 10 cts. ¼ lb. 20 cts. Lb. 50 cts.



WHITE STRASBURG. This is becoming one of the most popular summer sorts. It is of handsome, tapering shape, skin pure white, very tender.

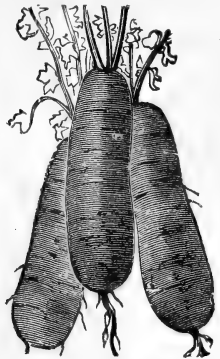
Pkt. 5 cts. Oz. 10 cts. ¼ lb. 20 cts. Lb. 50 cts.

GIANT STUTTGART.—A splendid new variety of excellent quality; withstands summer heat.

Pkt. 5 cts. Oz. 10 cts. ¼ lb. 20 cts. Lb. 50 cts.

RADISH—Continued.

ROUND BLACK SPANISH.—A fine globe shaped Radish, very popular with the Germans, known as *Rettig*; good quality.
Pkts. 5 cts. Oz. 10 cts. ¼ lb. 20 cts. lb. 50 cts.



CHINESE ROSE WINTER.

LONG BLACK SPANISH.—A large winter variety; one of the hardiest, with dark green leaves, firm in texture; keeping until spring.
Pkt. 5 cts. Oz. 10 cts. ¼ lb. 20 cts. lb. 50 cts.

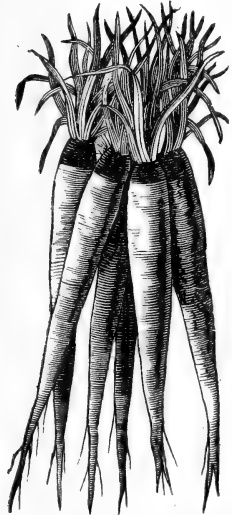
LARGE WHITE SPANISH WINTER.—Fine keeping quality.
Pkt. 5 cts. Oz. 10 cts. ¼ lb. 20 cts. lb. 50 cts.

CHINESE ROSE WINTER.—Remarkably fine for winter use. The best of the winter sorts.
Pkt. 5 cts. Oz. 10 cts. ¼ lb. 20 cts. lb. 60 cts.

RHUBARB, or PIE PLANT.

Sow in April, in drills one inch deep and one foot apart. When plants are large enough, thin to ten inches apart and cultivate. In the fall or following spring transplant into deep rich soil three feet apart each way.
Pkt. 10 cts. Oz. 15 cts. ¼ lb. 45 cts. lb. \$1.50.

SALSIFY, or VEGETABLE OYSTER.



Sow in early spring on light, rich soil in drills fourteen inches apart, and thin the plants to six inches in the row. The roots will be ready for use in October, and will sustain no injury by being left in the ground during the winter. When cooked the flavor somewhat resembles the oyster, and is a good substitute for it.

LARGE WHITE.—The old, well-known variety.
Pkt. 5 and 10 cts. ¼ lb. 25 cts. lb. 90 cts.

SANDWICH ISLAND MAMMOTH.—This new Salsify grows fully twice the size of the old sort, and is superior in quality. Invaluable to market gardeners.
Pkt. 5 and 10 cts. Oz. 15 cts. ¼ lb. 30 cts. lb. \$1.00.

SPINACH.

This is quite an important crop with market gardeners, and one easily managed.

For summer use, sow early in spring, in drills eight inches to one foot apart, covering the seed one inch deep. Select rich soil and manure liberally. A succession may be obtained by sowing at intervals of two weeks through the season. For very early spring use sow in August, and protect the plants through the winter by a thick covering of clean straw or some similar light covering. Spinach is used principally as greens for boiling, and is very highly esteemed for this purpose.

VICTORIA SPINACH.—This new Spinach comes to us with the highest recommendations from the growers. The foliage is heavy, the broad, dark green leaves being of the true Savoy appearance, and of the finest quality, but the most remarkable feature that will make it of special value, both for market and family

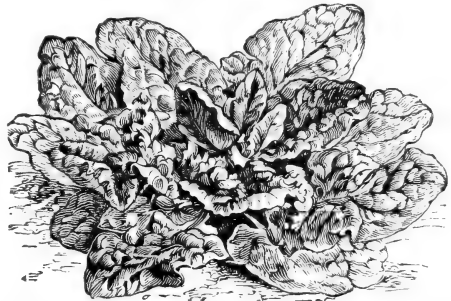
gardens, is the fact that it is in prime condition from two weeks to three weeks after all other varieties of Spinach had run to seed.

Pkt. 5 cts. ¼ lb. 10 cts. lb. 25 cts.



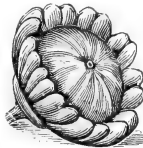
CURLED SAVOY, or BLOOMSDALE.—The leaves are finely curled, large, thick and heavy, and are produced in great numbers. By far the best and most productive Spinach in cultivation. The kind most generally used by the truckers and large growers around Baltimore, Washington, Norfolk and other large cities. Our sales of this sort increase rapidly each year.
Pkt. 5 cts. ¼ lb. 10 cts. lb. 20 cts.

GRIFFITH, TURNER & CO.'S EXTRA CURLED SAVOY.—American grown; selected stock. Description page 7.
Lb. 25 cts. 5 lbs. \$1.00.



LONG STANDING.—Best for spring sowing, as it is very slow to seed. The leaves are large, round, unusually thick, curled and of a fine dark green color.
Pkt. 5 cts. ¼ lb. 10 cts. lb. 20 cts.

SQUASH.



The Squashes are all quite tender, and therefore no progress can be made in starting them until the weather becomes somewhat warm and settled.

Plant in hills five feet apart each way for the bush varieties, and eight feet for the running varieties, allot eight seeds to the hill, but dont allow over three to stand.

EARLY WHITE BUSH SCALLOPED.—A desirable and marketable sort. Best known and most productive of all the summer sorts.
Pkt. 5 cts. Oz. 10 cts. ¼ lb. 20 cts. lb. 50 cts.

SUMMER CROOK NECK EARLY.—Fine flavor; a desirable table sort.
Pkt. 5 cts. Oz. 10 cts. ¼ lb. 20 cts. lb. 50 cts.

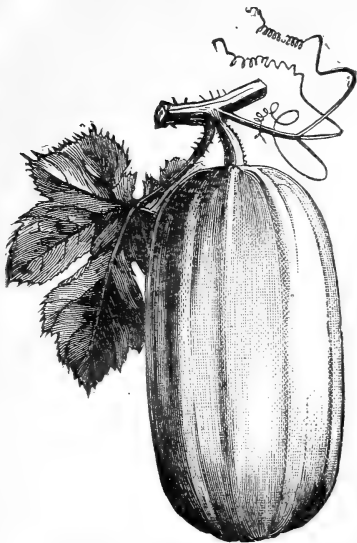
WINTER CROOK NECK.—Flesh red, fine flavor; largely grown for winter use.
Pkt. 5 cts. Oz. 10 cts. ¼ lb. 20 cts. lb. 50 cts.

BOSTON MARROW.—For autumn use. Fine for pies or baking.
Pkt. 5 cts. Oz. 10 cts. ¼ lb. 20 cts. lb. 50 cts.

HUBBARD.—Fine and desirable for winter use.
Pkt. 5 cts. Oz. 10 cts. ¼ lb. 20 cts. lb. 50 cts.

SIBLEY, or PIKE'S PEAK.—Shell is pale green in color, very thin and smooth, flesh solid and thick, brilliant orange color, and of rich, delicate flavor. A good keeper.
Pkt. 5 and 10 cts. ¼ lb. 20 cts. lb. 60 cts.

SQUASH—Continued.

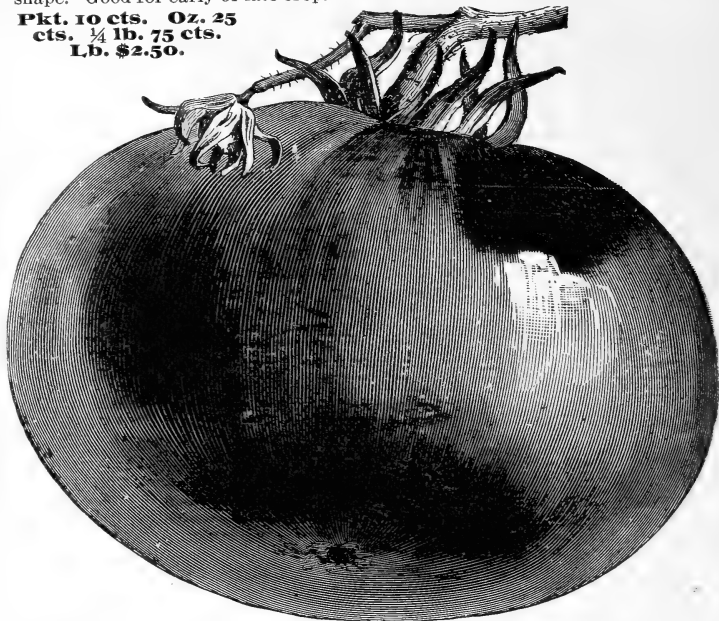
**VEGETABLE MARROW.**—

A delicious English sort, skin greenish white, flesh white, soft, and of a rich flavor; a heavy cropper, quite distinct from the other sorts. We think every family should plant a package of this squash, as it is far superior to any we have ever tasted.

Pkt. 5 cts. Oz. 10 cts. ¼ lb. 25 cts. 1b. 75 cts.

PRIZEWINNER.—This new Tomato has gained a great many friends since its introduction two years ago. In color it somewhat resembles the Beauty, but is larger, very solid, free from acid, smooth and of uniform shape. Good for early or late crop.

Pkt. 10 cts. Oz. 25 cts. ¼ lb. 75 cts. 1b. \$2.50.



ACME.—Of superlative merit, early, medium size, shape slightly oval, smooth and of a pink-purple color.

Pkts. 5 and 10 cts. Oz. 20 cts. ¼ lb. 50 cts. 1b. \$1.50.

TOBACCO SEED.

CONNECTICUT SEED LEAF.—Extensively grown for cigar wrappers.

Pkt. 10 cts. Oz. 20 cts. ¼ lb. 60 cts.

HAVANA.—Imported seed.

Pkt. 10 cts. Oz. 25 cts.

TOMATO.

Beware of **CHEAP TOMATO SEEDS**, saved in canning houses, as it is sure to be a mixture of different sorts. We take special care in growing our Tomato seeds. We have the seed stocks selected carefully each year, and the crops are inspected by us during the period of growth and maturity of fruit; and we are thus prepared to offer our customers seed of the first quality.

For early fruit, sow the seed in March or April, in the hot-bed or in pots in a sunny exposure in the house. When the plants are about three or four inches high they should be set out four or five inches apart in another hot-bed or cold-frame, or removed into small pots, allowing a single plant to a pot. Expose to the air as much as possible to harden, and about the middle of May set the plants in the open ground, at a distance of four or five feet each way. Water freely at the time of transplanting, and shelter from the sun for a few days until the plants are established. Sufficient plants for a small garden may be had by sowing a few seeds in a shallow box or a flower-pot, and placing in a sunny window in the house. Cultivate thoroughly as long as the vines will permit.

Tomatoes will admit of training to stakes or trellis of various kinds, and the fruit is very much improved both in appearance and quality. This mode of cultivation is now quite common among gardeners who grow for early market. The usual method is to set one strong plant to a stake, using stakes five to seven feet in height, tying the plants up with wool or other strong, soft twine, pruning out quite freely as the vines advance in growth. By adopting this method the plants may be set much closer than in the ordinary way.

ARISTOCRAT.—This new variety resembles the Dwarf Champion in habit and growth, is of good size, solid, smooth, productive, of fine flavor, and a handsome color.

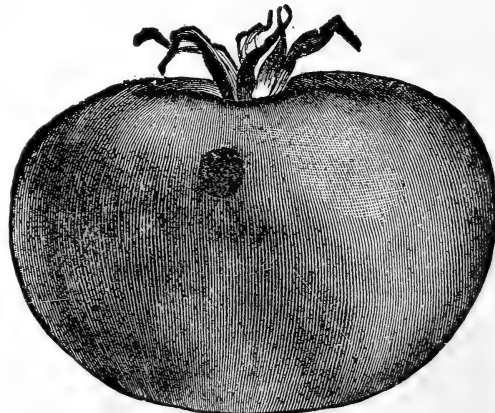
Pkts. 5 and 10 cts. Oz. 25 cts. ¼ lb. 75 cts. 1b. \$2.50.

PARAGON.—Here we have a variety—the perfection of a Tomato—large, solid, smooth as an apple, and handsome, deep red color. It is superb. No praise can be too high. Extensively used by canners all over the country.

Pkts. 5 and 10 cts. Oz. 20 cts. ¼ lb. 50 cts. 1b. \$1.40.

WORLD'S FAIR.—New, introduced and named by us three years ago. It has fully stood the test as being first-class in every respect. Beautiful in color, handsome in shape, solid and good keeper. See description on page 8.

Pkts. 5 and 10 cts. Oz. 20 cts. ¼ lb. 60 cts. 1b. \$2.00.



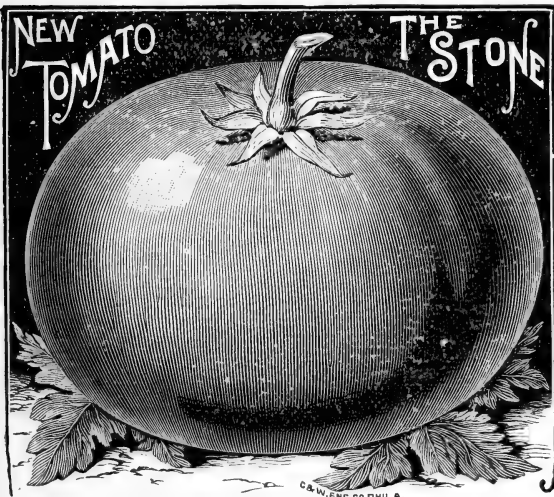
BEAUTY.—For early market and shipping this cannot be excelled, because of its solidity and toughness of skin. Color is a rich, glossy crimson with a slight tinge of purple. It is well known and very largely used by our gardeners.

Pkts. 5 and 10 cts. Oz. 20 cts. ¼ lb. 50 cts. 1b. \$1.50.

FAVORITE.—This is a large perfect shaped Tomato. One of the best for either canning or market purposes.

Pkts. 5 and 10 cts. Oz. 20 cts. ¼ lb. 50 cts. 1b. \$1.40.

TOMATOES.—Continued.



NEW STONE.—The New Stone Tomato ripens for main crop; is very large and of bright scarlet color; very smooth, with occasionally a specimen very slightly octagon shaped; ripening evenly to the stem without a crack; exceedingly solid and firm-fleshed (as its name indicates); is an excellent shipper; fine for canning; a good keeper; not subject to rot.

Pkts. 5 and 10 cts. Oz. 20 cts. ¼ lb. 50 cts. Lb. \$1.50.

PRIZETAKER.—A very desirable early sort, large, of handsome shape, and deep crimson color with a light tinge of purple. **Pkts. 5 and 10 cts. Oz. 20 cts. ¼ lb. 50 cts. Lb. \$1.40.**

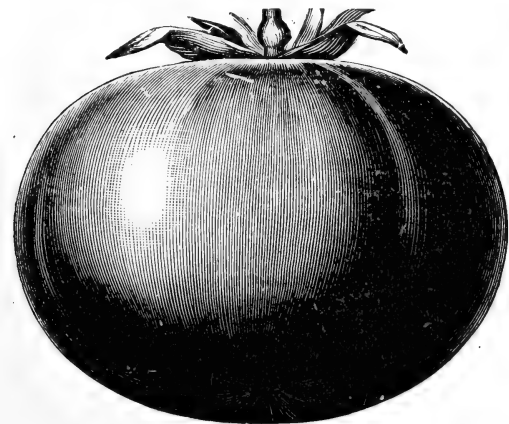
ROYAL RED.—A new Tomato, much resembling the Favorite in form and color. A good main crop variety. **Pkts. 5 and 10 cts. Oz. 20 cts. ¼ lb. 50 cts. Lb. \$1.50.**

BUCKEYE STATE.—This new Tomato comes to us as being a superior market variety, very large, solid, handsome and productive.

Pkt. 10 cts. Oz. 20 cts. ¼ lb. 50 cts. Lb. \$1.75

DWARF CHAMPION.—Entirely distinct from any other variety; plant grows stiff and upright, so that it may be planted closer than other varieties, very desirable for a small garden, as it requires so little room; bears throughout the entire season. The fruit resembles the Acme, and is smooth and attractive in appearance.

Pkts. 5 and 10 cts. Oz. 25 cts. ¼ lb. 65 cts. Lb. \$2.25.



QUEEN.—Fruit somewhat resembles Paragon in appearance. This sort is well known and a favorite among canners, but is not as deep red in color nor as solid and weighty as our World's Fair.

Pkts. 5 and 10 cts. Oz. 20 cts. ¼ lb. 50 cts. Lb. \$1.40.

GOLDEN QUEEN, or SUNRISE.—A bright yellow, large and solid; ripening well up to the stem; a good keeper, and, all things considered, the best Yellow Tomato ever introduced; very productive.

Pkts. 5 and 10 cts. Oz. 20 cts. ¼ lb. 65 cts. Lb. \$2.25.

PEAR SHAPED YELLOW.—Sometimes known as the Yellow Egg or Plum. Used for preserves and pickles. Of extraordinary productiveness.

Pkts. 5 and 10 cts. Oz. 25 cts. ¼ lb. 60 cts.

PEAR SHAPED RED.—Similar to the above, except in color.

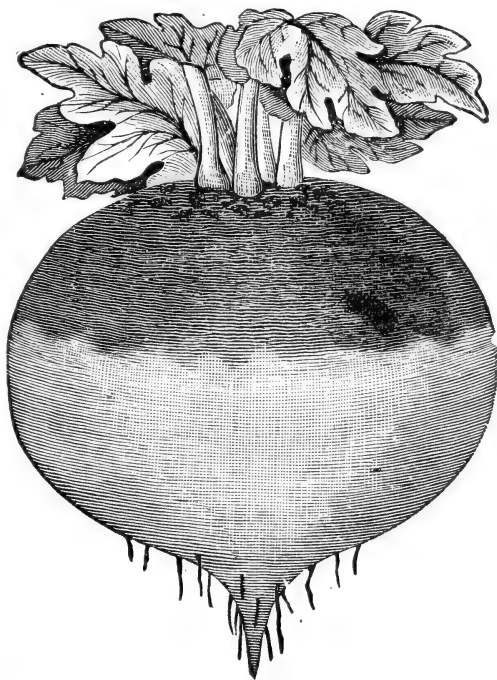
Pkts. 5 and 10 cts. Oz. 25 cts. ¼ lb. 70 cts.

TURNIP.

For early use, sow the small sorts as soon as the ground can be worked in the spring, in drills fourteen inches apart, the Rutabagas thirty inches. As the seed is very fine, it should be covered but slightly, excepting in very dry weather. Select light, and, if possible, new soil, and manure with plaster and ashes or phosphates. Should the young plants be troubled with insects, a sprinkling of slug shot will be beneficial. For fall and winter use, the early kinds should be sown from the middle of July to the middle of August, and the Rutabagas from the middle of June to first of July, using from one to one and a half pounds of seed to the acre.

EXTRA EARLY PURPLE TOP MILAN.—The earliest and handsomest Flat Turnip in cultivation; none equal to it for spring sowing.

Pkts. 5 cts. ¼ lb. 20 cts. Lb. 60 cts.



RED TOP GLOBE.

LARGE EARLY RED TOP GLOBE.—A variety of recent introduction; of large size, rapid growth, unusually attractive; approved and admired by all who have seen it. A very much heavier producer than either of the preceding and quite as early as the Flat Red Top. We confidently recommend it as an acquisition. Very few market gardeners will have any other kind.

Pkt. 5 cts. ¼ lb. 15 cts. Lb. 40 cts.

EARLY WHITE FLAT DUTCH.—Differs from Red Top only in color.

Pkts. 5 cts. ¼ lb. 15 cts. Lb. 40 cts.

EARLY WHITE EGG.—A new variety of rapid growth; egg-shaped and white, as its name indicates.

Pkts. 5 cts. ¼ lb. 15 cts. Lb. 40 cts.

TURNIPS—Continued.

YELLOW ABERDEEN, or SCOTCH YELLOW.—This is a highly approved CATTLE TURNIP, attaining a large size. It is solid, nutritious, a good keeper and in every respect reliable.

Pkts. 5 cts. $\frac{1}{4}$ lb. 15 cts. 1b. 35 cts.

LARGE YELLOW, or AMBER GLOBE.—Grows to a large size, flesh yellow, firm and fine-grained. Excellent for either table use or feeding stock.

Pkts. 5 cts. $\frac{1}{4}$ lb. 15 cts. 1b. 35 cts.

SEVEN TOP.—For greens and salads. Used largely in the Southern States.

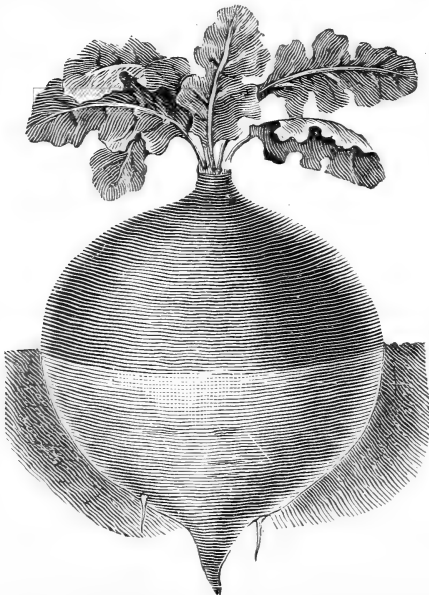
Pkts. 5 cts. $\frac{1}{4}$ lb. 15 cts. 1b. 40 cts.



EARLY RED TOP.—Flat. Fine, sweet, mild, rapid grower, very early and popular.

Pkt. 5 cts. $\frac{1}{4}$ lb. 15 cts. 1b. 35 cts.

Rutabaga, or Swede Turnip.



IMPROVED PURPLE TOP SWEDE.

The Swede Turnips, or Rutabagas, grow much larger in size, and are of greater value for stock-feeding than ordinary turnips. Every farmer and stock-raiser should grow Rutabagas and Stock Beets for winter feeding; it will pay.

GRIFFITH, TURNER & CO.'S IMPROVED PURPLE TOP.—Yellow fleshed. A standard field variety for stock, and fine for family use. This splendid Swede is the hardiest, most productive and most nutritious variety in cultivation.

Pkts. 5 cts. $\frac{1}{4}$ lb. 15 cts. 1b. 40 cts.

YELLOW RUTABAGA.—30 cts. 1b. $\frac{1}{4}$ lb. 10 cts.

SWEET AND POT HERBS.

A little collection of Sweet Herbs is a treasure to the cook and nurse. A small place in the garden will give all the herbs needed in any family, and care should be taken to harvest them properly. This should be done on a dry day, just before they come into full bloom, then dried quickly and packed closely, entirely excluded from the air. Sow in spring in shallow drills, one foot apart, and when well up thin out or transplant to a proper distance apart.

BASIL.—Pkts. 5 and 10 cts. Oz. 15 cts.

CARAWAY.—Pkt. 5 cts. Oz. 15 cts.

CHERVIL.—Pkt. 5 cts. Oz. 25 cts.

CORIANDER.—Pkt. 5 and 10 cts. Oz. 15 cts.

DILL.—Pkt. 5 cts. Oz. 10 cts. $\frac{1}{4}$ lb. 25 cts. 1b. 75 cts.

LAVENDER.—Pk. 5 cts. Oz. 20 cts.

MARJORAM.—Pkt. 5 cts. Oz. 20 cts. $\frac{1}{4}$ lb. 60 cts. 1b. \$2.00.

SAGE.—American.

Pkt. 5 and 10 cts. Oz. 20 cts. $\frac{1}{4}$ lb. 60 cts. 1b. \$2.00.

SUMMER SAVORY. Pkts. 5 and 10 cts. Oz. 15 cts.

THYME.—Broad leaved English.

Pkts. 5 and 10 cts. Oz. 25 cts. $\frac{1}{4}$ lb. 85 cts.

VEGETABLE ROOTS AND PLANTS.

ARTICHOKES, JERUSALEM.—25 cts. qt. \$1.00 pk. By Mail, 30 cts. per lb.

ASPARAGUS ROOTS.—(See page 8.)

HORSE RADISH ROOTS.—20 cts. doz. 75 cts. per 100. \$6.00 per 1,000.

RHUBARB ROOTS.—Each, 15 cts. Doz. \$1.25.

CABBAGE, CELERY, TOMATO, PEPPER AND EGG PLANTS.—Fixed prices given on application and full remittance required. We will not ship Plants C. O. D. Shipments at purchasers' risk.

ST. MARY'S CITY, MD., Dec. 30, 1895.

The Cabbage Seed and Onions I got from you are doing splendidly.

FRANK CROOK.

We carry the largest and most complete line of Farm and Garden Supplies to be found in the South.

FARM SEEDS.

SEED CORN.

IMPROVED MARYLAND YELLOW DENT.—Our *Maryland Dent* Corn has taken first premium over all other Field Corn wherever exhibited. The grains are unusually deep, ears large, stalks grow from seven to ten feet high, does not exhaust the soil so much, and will stand drought better than a large stalk.

This corn will yield five to ten bushels per acre more than any other Corn generally planted. Yields as good on thin land as any other Corn. A strong and vigorous grower.

Qt. 10 cts. Pk. 50 cts. Bu. \$1.50.

MARYLAND WHITE.—The most productive and showy White Corn, makes splendid meal.

Qt. 10 cts. Pk. 50 cts. Bu. \$1.50.

EARLY LEAMING.—An early selected variety of Yellow Corn, small grain, weighty and productive. Highly esteemed in Maryland and Pennsylvania. One of the earliest varieties of Yellow Corn in cultivation.

Qt. 10 cts. Pk. 50 cts. Bu. \$1.50.

GOLDEN BEAUTY.—A large, broad-grained Yellow Corn with ears of perfect shape and very small cob. The richness of color and the quality of the grain make it a very superior variety.

Qt. 10 cts. Pk. 50 cts. Bu. \$1.50.

THE 100-DAY BRISTOL.—The largest eared, earliest Yellow Dent Corn in cultivation. Since its introduction this corn has grown in popularity each season, and is now planted largely both in the Northern and Southern States. The grain is a light golden yellow, large and broad; the cob is small considering the size of the ear. The ears grow an average of about a foot in length, and the growth of Fodder is immense.

Qt. 10 cts. Pk. 50 cts. Bu. \$1.50.

BLUNT'S PROLIFIC.—Remarkably prolific, producing from three to five good sized ears on a stalk and growing very large fodder, is frequently used for ensilage.

Qt. 10 cts. Pk. 50 cts. Bu. \$1.50.

HICKORY KING.—The largest grained and smallest cobbled pure White Dent Corn in cultivation, ripens medium early, well adapted to planting on thin ground.

Qt. 10 cts. Pk. 50 cts. Bu. \$1.75.

RICE POP CORN.—The best kind for popping.
Lb. 10 c. 4 lbs. 25 c. By Mail, 20 c. per lb.

OATS.

THIRTY-TWO POUNDS TO THE BUSHEL.

Our Oats are grown specially for seed purposes.

CLYDESDALE.—A very early and productive variety of extraordinary weight.

Per bushel, (32 lbs.) \$1.00.

LINCOLN.—This new Oat is very early, and the most productive of any; straw is stiff and strong, the grain is very handsome and valuable for feeding.

Per bushel, (32 lbs.) \$1.25.

WHITE RUSSIAN and WIDE AWAKE.

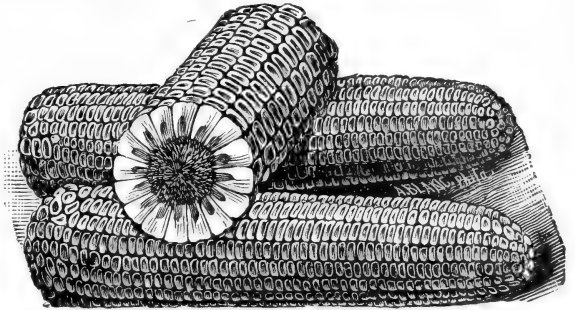
Per bushel, 90 cts.

WELCOME.—An excellent variety, very productive and heavy.

Per bushel, (32 lbs.) 90 cts.

WHEAT AND RYE.

✍ Write us August 1st for Special prices on Seed Wheat and Rye for Fall Sowing.



IMPROVED MARYLAND YELLOW DENT.

SEED BUCKWHEAT.

JAPANESE.—The plants are large and vigorous, maturing their seed early, and resisting drought and blight remarkably well, while the grain is much larger and at the same time has a thinner hull than the common or the Silver Hull. Owing to its branching character, only one-half the seed is required per acre, while the straw is much stiffer and stands up better. We recommend this especially for well drained or sandy land, and the dry climate of the western plains.

At Market Prices.

SILVER HULL.—This improved variety is much better than the old sort. It is in bloom longer, matures sooner, and yields double the quantity per acre. The husk is thinner, the corners less prominent, and the grain of a beautiful light grey color.

At Market Prices.

BROOM CORN.

IMPROVED EVERGREEN.—This is the favorite sort, has a fine brush, yields well and keeps green.

Qt. 20 cts. Bu. \$2.50.

FLAX SEED.

Lb. 10 cts. 20 lbs. \$1.00. Bu. \$2.50.

FLAX-SEED MEAL.—For horses and cattle.
10 cts. per lb., 5 lb. 25 cts. In quantities at market prices.

MAMMOTH RUSSIAN SUNFLOWER.

THE GIANT OF ALL SUNFLOWERS.—Growing to double the size of the common sunflower, and the yield of seed is TWICE AS GREAT. One hundred and twenty-five bushels to the acre have been grown at a less expense than corn. It is highly recommended for poultry, the best egg-producing food known. The leaves make splendid fodder, much relished by all kinds of stock. The seed is good feed for horses, and yields a fine quality of oil. The strong, thick stalks are used for fuel.

Lb. 10 cts. 4 lbs. 25 cts. \$4.00 per 100 lbs.

FIELD PEAS:

Market Prices.—Write for Quotations.

SOUTHERN BLACK-EYE COW.—Also known as Sand Pea, a small white variety with black eye. Sow two bushels to the acre.

BLACK COW PEAS.—Very popular in Maryland, Virginia and other parts of the South.

CANADA FIELD PEAS.—Valuable for Northern climates for cattle feeding. Used as feed for pigeons, etc., and for green soiling.

Qt. 10 cts. Pk. 40 cts. Bu. \$1.25.



GRIFFITH, TURNER & CO.'S EVERGREEN LAWN GRASS.

There is nothing prettier around a home than a well-kept lawn; it brightens up the surroundings and adds loveliness to the landscape. In order to make or preserve a pretty lawn, Grass Seed should be liberally used, and for this purpose our Evergreen Lawn Grass is the most desirable. This is a first-class mixture prepared by ourselves and containing nothing but choice seeds—just the thing for tennis, croquet and ball grounds—remaining green and fresh during the hot summer months. Widely known and extensively used on the finest private and public grounds around Baltimore and elsewhere with the most satisfactory results.

Pt. 15 cts. Qt 25 cts. Pk. \$1.25. Bush. of 20 lbs. \$4.50.

PREPARATION AND CARE OF LAWNS.

The ground should be thoroughly drained and well enriched before sowing. Work the soil until well pulverized, and have the surface as level as possible, so that the grass may present an even appearance. After sowing, cover seed lightly and follow with roller. The best results are obtained by using plenty of seed—four bushels to the acre being about the right quantity. One quart is sufficient for 300 square feet. Let the grass obtain a good start before cutting, and then it should be trimmed with a lawn mower about every ten days. OLD LAWNS may be improved and renewed by the application of fertilizers and seeding about half the quantity of seed required for new lawns.

PARK LAWN GRASS.

Although this mixture does not contain so much of the high-priced varieties as are found in our Evergreen Lawn Grass, this will make a beautiful sod. Sow four bushels to the acre

Qt. 20 cts. Pk. \$1.00. Bush. of 16 lbs. \$3.00.

Our Lawn Grasses should not be confounded with the cheap chaffy grasses offered at less prices.

THE ARC LAWN SPRINKLER.

We claim this is the most perfect Sprinkler in existence. It is simple, will not wear out nor clog up, is well made and handsomely nicked, is boxed singly with full directions how to use. Its merits are, without question, pre-eminently superior to any other.

Price . \$1.50 Price by mail, . \$1.65.

HUSTLER LAWN SPRINKLER.

A first-class article at a moderate cost.

Price, . \$1.00. Price by mail, . \$1.15.

Gem Nozzle Holder, 25 cts. By mail, 30 cts.

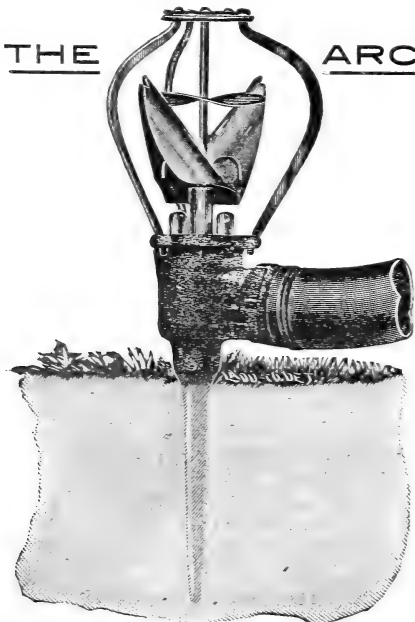
REVOLVING LAWN SPRINKLER, very popular, . \$1.50.

BONE FLOUR.

(Specially for Lawn and Florist use.)

This Flour is passed through a thirty-mesh screen and is consequently very fine, hence is much more readily taken up by the plant than when coarse. It is also perfectly pure and is especially adapted for lawns or garden plots, also elegant for flowers and plants. A most desirable article for supplying the soil with the requisite food for a luxuriant growth of grass.

5 lbs. 25 cts. 10 lbs. 40 cts. 100 lbs. \$2.50.



GLOVER AND GRASS SEEDS.

PRICES SUBJECT TO MARKET CHANGES.

Clover Seeds.

CRIMSON, or SCARLET CLOVER.—(*Trifolium incarnatum*).—This popular Clover Seed is grown successfully in Delaware, Maryland and Virginia. The yield of fodder is immense. Its growth is very rapid and luxuriant, and therefore it is valuable as a fertilizer to turn under. It is fast becoming a popular crop in the Middle States and South, and is finding its way into Pennsylvania and the West. It is used on poor and rich land. It is seeded in this country in June, July, August, September and October, and will produce an enormous crop early in the following spring, suitable either for consumption as green food or for hay. 10 or 15 pounds should be sown to the acre, according to quality of ground.



Scarlet Clover.

10 cts. per lb. By mail, 20 cts. per lb. By the Bushel at Market Prices.

LUCERNE CLOVER.—One of the most valuable among Clovers, resisting drought and remaining green when other sorts are dried up. Sow on rich, moist loam or sandy soil. Prepare the land thoroughly and sow 15 lbs. to the acre.

Lb. 15 cts. By mail, 25 cts. Special prices in quantity.

WHITE DUTCH CLOVER.—The best to sow with lawn grass, and valuable in permanent pastures.

¼ lb. 10 cts. 1 lb. 30 cts. By mail 40 cts. 100 lbs. \$25.00.



LUCERNE OR ALEALFA.

ALSIKE, OR SWEDISH (*Trifolium Hybridum*).—Hardest of all the clovers, and on rich, moist soils yields an enormous quantity of hay or pasturage. Valuable for sowing with other clovers or grasses, as it forms a thick bottom and increases the yield of hay. Sow six pounds per acre when used alone.

Lb. 15 cts. By mail, 25 cts.

RED CLOVER, MEDIUM (*Trifolium Pratense*).—The leading variety of clover for pastures or meadows. Market prices.

Grasses.

KENTUCKY BLUE GRASS.—(Fancy, triple-cleaned). Valuable for pasture when mixed with other varieties; also an excellent sort for lawn purposes.

Bushel (14 lbs.), \$1.50.

HERD, or RED TOP GRASS, (*Agrostis vulgaris*).—A valuable native permanent grass, as a mixture in meadows, pastures or lawns, growing in almost any soil, moist or dry, and standing our hot climate. 14 lbs. to the bushel; 2½ bushels to the acre.

Per bushel, \$1.25.

ORCHARD GRASS (*Dactylis Glomerata*).—One of the most desirable grasses for pastures, sowing under orchards or in shady places. It grows rapidly, thrives in sandy land, and does not suffer from close feeding. Choice Western seed, Not to be confounded with the cheap grasses mixed with rye grass.

Bushel of 14 lbs. \$1.50 to \$1.75.

Fancy re-cleaned seed, \$2.00 per bushel.

PASTURAGE GRASS MIXTURE—We prepare a special Pasturage Mixture of Grasses and Clovers for either upland or lowland sowing, for hay or permanent pasture. Sow three to four bushels to the acre.

Bushel (14 lbs.), \$2.25.

TIMOTHY.—Choice Timothy Seed at market prices.

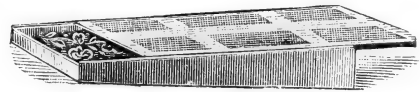
Millet.

GERMAN or GOLDEN MILLET.—An improved variety, medium early, growing three to five feet high. The heads are closely condensed, though the spikes are very numerous. This is the best and most productive Millet to grow. Weight per bushel, 50 lbs. Market prices.

HUNGARIAN MILLET (*Panicum Germanicum*).—Early and productive, growing two to three feet high, with an abundance of foliage and slender heads. Weight per bushel, 48 lbs. Market prices.

COMMON MILLET.—Weight per bushel, 50 lbs. Market prices.

Miscellaneous.



PATENT PLANT BED CLOTH.—A cheap substitute for glass and will keep out many degrees of frost. Also useful for shading material. Samples mailed on application.

Light grade, 5 cts. per yard. Per piece of about 65 yards, 4½ cts. per yard. Medium grade, 8½ cts. per yard. Per piece of about 60 yards, 8 cts. per yard. Heavy grade, 12 cts. per yard. Per piece of about 40 yards, 10 cts. per yard.

ASPARAGUS KNIVES, 35 cts.

GARDEN BOXES.—20, 25 and 30 cts. each.

HOT-BED SASH, 80 cts. each.

MARLING.—Hand-made, for hot-bed mats, **Lb. 15 cts. 5 lbs. 65 cts.**

FODDER YARN.—For tying fodder.—7 to 10 cts. per lb.

GRAFTING WAX.—First quality in bars. **¼ lb 10 cts. ½ lb. 20 cts. 1 lb. 35 cts.**

OX BALLS.—For tips on the horns of cattle. **25 cts. per pair.**

WIRE MUZZLES.—For horses. **10 and 15 cts. each.**

PLOW LINES.—25, 30, 40 and 50 cts. per pair.

MATTOCKS, PICKS, AXES, BRIAR HOOKS, FILES, HANDLES FOR MATTOCKS, PICKS, AXES, ETC.

Summer Flowering Bulbs.



Gladiolus.

The cultivation of the Gladiolus is very simple, as they will thrive in any good garden soil, but will amply repay one for careful cultivation. A succession of bloom may be had from July to September by planting at intervals from April to June.

OUR GLADIOLUS are from one of the largest growers in the country, and one who has the finest assortment to be had either in this country or Europe; therefore we claim ours to be unexcelled as to quality.

Mixed, all colors, first quality—Doz. 25 cts. 100, \$1.50. White and Light colors, mixed, superb.—Doz. 40 cts. 100, \$2.50.

EXTRA WHITE AND LIGHT VARIETIES.—MIXED.—All first-class varieties, made up largely from best named sorts, including **ten per cent. of Snow White.**

10 cts. each. 60 cts. per doz. \$4.00 per 100.

When ordered by mail, add 10 cts. per doz. for postage.

Tuberous-Rooted Begonias.

The Tuberous-Rooted Begonias are among the handsomest of our summer-flowering bulbs. They are not grown to the extent they should be, as they require no more care than Geraniums, have as fine a range of color, and will bloom continuously throughout the summer, even when Geraniums droop through lack of moisture and fail to unfold their flowers. Planted either in the rockery or flower border, they rival the Geraniums with their rich and varied colors, ranging from the most deli-

cate shade of yellow and salmon to the most striking crimson and scarlet. Those who have made a specialty of these charming plants for several years and have tried them thoroughly, have no hesitation in saying they are destined to play a very important part in the bedding of the near future. They bloom profusely when planted out on rock-work or in the open ground, and have been a decided attraction.

**Mixed Single, 10 cts. each. \$1.00 doz.
Mixed Double, 30 cts. each.
\$3.00 per doz.**



Tuberose.

One of the most fragrant and popular of the summer flowering bulbs; may be started early in hot-beds or pots, or planted in open ground after first day of May.

Each, 5 cts. Doz. 30 cts. 100, \$2.00. By mail, 40 cts. a dozen.

Dahlias.

We have a nice assortment of Dahlias of all the leading colors.

Mixed.—Each, 10 cts. Doz. \$1.00.

Named Colors.—Each, 15 cts. Doz. \$1.50.

Caladium Esculentum.

ELEPHANTS' EAR.

One of the most effective plants in cultivation for the flower border or for planting out upon the lawn; it will grow in any good garden soil, and is of the easiest culture. To obtain the best result it should be planted where it will obtain plenty of water, and an abundance of rich compost. Foliage light green. When full size it stands 6 feet high, and bears immense leaves 3 to 4 feet long by 2½ feet wide.

**Extra large bulbs, 15 cts. each. By mail, 20 cts. Per doz. \$1.50.
First size bulbs, 10 cts. each. By mail, 15 cts. Per doz. \$1.00.**

Cannas.



DWARF FRENCH CANNAS.

If wanted by mail add 5 cts. each for postage.

Few flowering plants combine so many fine qualities as the modern Canna; a race of subtropical bulbous plants, of most easy culture, rapid reproduction, and good keeping qualities. Since the distribution by M. Crozy of his results from hybridization the floral world has been astonished by their luxuriance of foliage and gracefulness of bloom, which is of immense size, borne in large masses and trusses, combining in color the brightest and richest shades of yellow, red, orange and scarlet, bringing them to the front as the finest ornamental plant in commerce. Useful for the garden, green-house or sitting-room.

MADAME CROZY.—Flowers of a dazzling crimson scarlet, bordered with golden yellow; a marvellous and rich combination of colors. The plant is of vigorous growth, yet very dwarf in habit, rarely exceeding four feet in height. The foliage is of rich, cheerful green, and very massive. The flowers are produced in large branching stems, which are closely set with bloom, each stem being really a bouquet in itself. It is remarkably free flowering, and can be had in bloom the year round.

Each, 15 cts. Per dozen, \$1.50.

STAR OF '91.—Of dwarf, compact habit, of a bright orange scarlet color, faintly banded with yellow; foliage bright green; three-feet. Yellow, striped and spotted with crimson; foliage pea-green; other leading varieties at regular prices.

Each, 15 cts. Per dozen, \$1.25.

ADMIRAL COURBET.—Flowers large, light yellow, spotted with crimson.

Each, 10 cts. Per dozen, \$1.00.

FLORENCE VAUGHAN.—The finest yellow-spotted variety yet sent out; the foliage is massive and of a rich green color.

Each, 15 cts. Per dozen, \$1.50.

QUEEN CHARLOTTE.—This new German sort is one of the handsomest scarlet varieties ever introduced, having a distinct golden belt around each petal.

Each, 30 cts. Doz. \$3.00.

DWARF FRENCH CANNAS.—(Mixed choice varieties.)

10 cts. each; \$1.00 per doz.

TALL CANNAS.—Mixed red or green foliage.

10 cts. each; by mail, 15 cts. \$1.00 per doz.

Lilies.

LILIUM SPECIOSUM RUBRUM.—White with rose centre. **Each, 15c. \$1.00 per doz.**

LILIUM SPECIOSUM ALBUM.—Pure white. **Each, 15 cts. \$1.50 doz. Mailed free.**



AURATUM (The Gold-Banded Lily of Japan).—Immense white flowers, each petal marked with a wide gold band and spotted with maroon, very sweet fragrance and free blooming. It is considered by many the finest Lily in cultivation.

Large Bulbs, 15 cts. each. \$1.25 per doz. Extra Large Bulbs, 20 cts. each. \$1.50 per doz. Mailed free.



WHITE CALLA.—(Ready in July). The White Calla or Lily of the Nile is a well known plant of easy culture, and in winter is one of our best window plants. To aid profuse blooming, keep them dormant from the middle of June to last of August, repot in good rich soil, using a 4 to 6 inch pot, give water, light and heat in abundance, and the result will be most satisfactory.

Large Bulbs, 15 cts. each. Extra Large Bulbs, 20 cts.

BLACK CALLA.—Each, 25 cts. Ready about October.

By mail, 5 cts. per bulb extra for postage.

Choice Dutch Bulbs.

We are large importers of Dutch Bulbs, and our Annual Catalogue of same, including Hyacinths, Tulips, Narcissus, &c., &c., will be ready in September. Mailed free on application.

Choice Flower Seeds.

EIGHT 5c. PAPERS FOR 25c., or FOUR 10c. PAPERS FOR 25c.

ORDER BY NUMBERS.

1. AGERATUM, MIXED.—Suitable for beds, and especially nice for cut flowers and bouquets.

Packet, 5 cts.



ALYSSUM.

10. ALYSSUM.—The Sweet Alyssum has pretty little white flowers, useful in making small bouquets, and its fragrance, while sufficiently pronounced, is very delicate. The Alyssum grows freely from seed; blooms the whole season.

Pkt. 5 cts.

11. ALYSSUM (Tom Thumb).—Of dwarf, compact habit, each plant covering a circle from 15 to 30 inches. It will bloom when small and remain covered with bloom from spring to autumn.

Pkt. 5 cts.

20. AMARANTHUS, MIXED.—Showy blooming plants, with long racemes of curious looking flowers, and brilliant foliage; half-hardy annuals.

Packet, 5 cts.

21. AMARANTHUS TRICOLOR (Joseph's Coat).—Red, yellow and green foliage; 2 feet.

Packet, 5 cts.



LOVE LIES BLEEDING.

22. AMARANTHUS CAUDATUS (Love Lies Bleeding).—Graceful and handsome flowers of blood-red hue.

Packet, 5 cts.

25. ASTER, CHINA.—Well known and beautiful flowers; should be in every garden.

Packet, 5 cts.

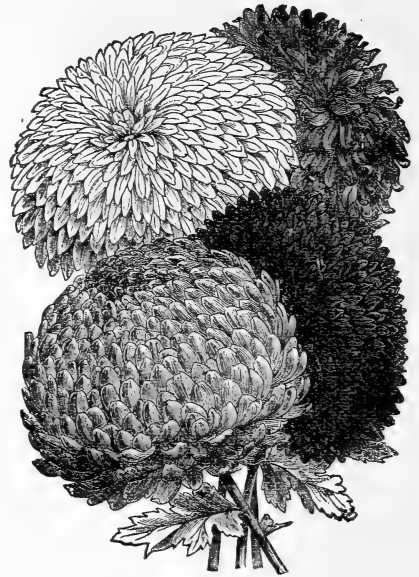


26. ASTER, GERMAN.—All colors and shades of the best German sorts. Sow seed early and transplant to rich soil.

Packet, 5 cts.



VICTORIA ASTER.



27. ASTER, TRUFFAUT'S PERFECTION.—A very favorite class; thrifty, upright growers; flowers large, almost perfectly round, with incurved petals. The florists' preference; height, 1½ to 2 feet.

Packet, 10 cts.

28. PRINCESS SNOWBALL.—This is an entirely distinct variety of Asters. The flowers are pure white and are formed of short, thickly set, imbricated petals, there being about 25 or 30 on a plant.

Packet, 15 cts.

29. MIGNON ASTER.—A splendid new class of Asters. The plants are semi-dwarf and bear in profusion flowers of a very double nature, the petals overlapping each other.

Packet, 15 cts.

30. VICTORIA ASTER.—The most beautiful of all the Asters, bearing flowers of all colors and shades; the colors include many extremely delicate and gorgeous shades. Very double and 4 inches across; height, 15 to 18 inches.

Packet, 10 cts.

31. COMET ASTER

—This class of Asters have long, slender and curled petals, forming loose, yet dense flowers of semi-globe shape, 3½ to 4¼ inches in diameter, which resemble the Japanese Chrysanthemum.

Packet, 10 cts.

35. BACHELOR'S BUTTON OR BLUE BOTTLE (Centauria Cyanus).

—A very old favorite garden annual, with handsome flowers of various colors. It does best if sown in a hot-bed; half-hardy annuals; 2 feet.

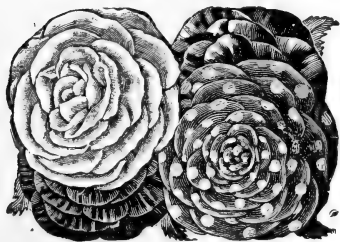
Packet, 5 cts.



COMET ASTER.

Choice Flower Seeds—Cont'd.

EIGHT 5c. PAPERS FOR 25c., or FOUR 10c. PAPERS FOR 25c.



40. BALSAMS, DOUBLE MIXED (*Lady Slipper, or Touch-Me-Not.*)—The well known Balsams are one of the finest summer blooming annuals; free bloomers and highly colored. By transplanting them once or twice, the flowers are apt to be more double.

Packet, 5 cts.

41. BALSAM, PURE WHITE.—This resembles the mixed Balsams in shape, but the flowers are of a pure white and is the variety usually grown by florists.

Packet, 10 cts.

45. CANDYTUFT, MIXED.—Well known favorite; hardy annuals; very pretty in beds or masses; useful for bouquets. Seeds may be sown in the fall for early flowering.

Packet, 5 cts.

46. CANDYTUFT, WHITE.—Treated and used same as the mixed.

Packet, 5 cts.

50. CALCEOLARIA.—This is a magnificent ornamental plant for green-house or conservatory; bearing in profusion pocket-shaped flowers of all colors, spotted and blotched in the most fanciful fashion.

Packet, 25 cts.

53. CALENDULA.—Very profuse, dwarf bushy annuals, blooming continuously and profusely until frost, of easy culture, and suitable either for summer garden or for growing in pots in winter.

55. CANNA, MIXED (*Crozy's New Varieties.*)—The Cannas are desirable, not only for the beauty of their spikes of scarlet flowers, but for their highly ornamental leaves. They make superb beds for the lawn. Soak the seeds thoroughly before planting, and keep in a warm spot. Very slow to germinate.

Packet, 5 cts.

60. CANTERBURY BELLS, SINGLE MIXED (*Campanula.*)—A highly attractive class of plants, combining richness of color with stately growth; valuable for beds and borders. Sow early, and transplant in light rich soil.

Pkt. 5 cts.

61. CANTERBURY BELLS, DOUBLE MIXED.—Packet, 5 cts.

CARNATION.—(See *Pinks.*)

65. CASTOR OIL BEAN (*Ricinus.*)—Ornamental plants of stately growth and picturesque foliage; fine for lawns, massing or center plants for ribbon beds; half hardy annuals.

Pkt. 5 cts.

68. CENTAUREA (*Candulissima.*)—Extensively used for margins, beds and vases; very graceful silver foliage.

Pkt. 5 cts.

70. CHRYSANTHEMUMS (*Paris Daisies, or Marguerites.*)—Showy and effective garden favorites; extensively grown for cut flowers. The hardy annuals are summer flowering border plants; good for pot culture, and quite distinct from the autumn flowering varieties.

Packet, 5 cts.



75. CINERARIA (*Dusty Miller.*)—Fine for bedding, ribbon beds and margins; prized for their beautiful downy silvery foliage; half-hardy perennials; 2 feet.

Packet, 5 cts.

76. CINERARIA HYBRIDA—CHOICEST MIXED.—Very attractive, free blooming plants, producing large and brilliant flowers.

Pkt. 25 cts.

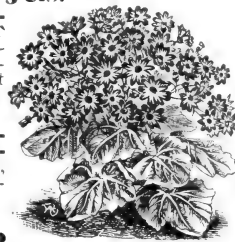
77. CINERARIA HYBRIDA, NANA GRANDIFLORA.—Semi-dwarf, large flowered variety, splendid strain.

Pkt. 50 cts.

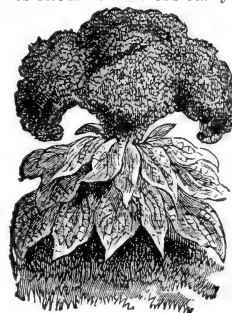
80. CLARKIA, MIXED

—An old favorite hardy annual plant, growing in any garden soil, and producing freely its cheerful flowers early in the season; 1½ ft.

Pkt. 5c.



CINERARIA.



COCKSCOMB.

85. COCKSCOMBS (*Celosia Cristata.*)—Very popular annuals of the easiest culture; highly ornamental for decoration of the green-house, drawing room and garden.

Half hardy annuals.

Pkt. 5 cts.

88. COWSLIP.—

Pkt. 10 cts.

90. CONVULVULUS, TRI-COLOR MINOR (*Dwarf Morning Glory.*)—A beautiful class of hardy annuals affording a large showy mass of flowers from July to October.

Pkt. 5 cts.

93. COREOPSIS (*Cal-opsis.*)—Very handsome and showy plants, with numerous flowers of brilliant colors and of long duration in bloom.

Pkt. 5 cts.

95. COSMOS.—Sow early in spring, and transplant when danger from frost is past. The flowers are borne profusely, and present a charming appearance when in full bloom, being covered through the autumn months with hundreds of showy blossoms. They are very easily raised and make a grand display.

MIXED, Pkt. 5 cts.

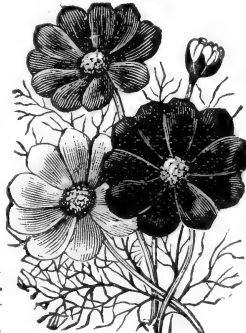
95a. PINK.—5 cts.

95b. WHITE.—5 cts.

DIANTHUS.—See *Pinks.*

96. CYCLAMEN-PERSICUM—GIGANTEUM, MIXED.—Charming plants with beautiful foliage and rich colored fragrant flowers.

Packet, 25 cts.



COSMOS.



DAISY.

97. DAISY, MIXED.—Well-known favorites, admirably adapted for edgings, borders and low beds, and it is also suited for growing in pots. Although they are perennials they will flower the same season if seed is sown early in the house.

Packet, 10 cts.

Choice Flower Seeds.—Cont'd.

EIGHT 5c. PAPERS FOR 25c., or FOUR 10c. PAPERS FOR 25c.

982. DAISY LONGFELLOW.—This is a very pretty large double pink variety. Pkt. 10 cts.

992. DAISY SNOWBALL.—An unusually large flowered variety, and produces very double, pure white flowers. Pkt. 15 cts.

101. ETERNAL FLOWER (*Helichrysum*).—These are very popular and desirable for winter decoration, bouquets, wreaths, etc. They should be cut when they come into full bloom, tied into bunches and dried in the shade with their heads downward. Pkt. 5 cts.

103. FEVERFEW (GOLDEN FEATHER) (*Pyrethrum Aureum*).—A highly ornamental golden yellow foliage plant, unexcelled for bedding, Hardy perennial; 1½ feet. Pkt. 5 cts.

105. FORGET-ME-NOT (*Myosotis*).—Neat and beautiful little plants with star-like flowers, succeeding best in a shady, moist situation; half-hardy perennials; blooming the first year from seed if sown early. Pkt. 5 cts.

108. FOXGLOVE (*Digitalis*).—A handsome and highly ornamental, hardy perennial plant of stately growth, fine for shrubberies and other half-shady places; three feet. Pkt. 5 cts.

110. GILIA, MIXED.—Very pretty dwarf plants, early, free blooming, fine for massing and rock work, hardy annuals; 1 foot. Pkt. 5 cts.



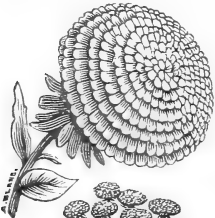
HELIOTROPE.

120. LARKSPUR (*Delphinium*).—One of our most showy and useful plants, possessing almost every requisite for adornment of the garden. Pkt. 5 cts.

122. LOBELIA.—A beautiful and popular flower, very desirable for pot culture, beds or hanging baskets, because of its trailing habits. Grows easily and does well in beds and rockeries. Bears a profusion of blue and white flowers. Annual. Mixed Pkt. 5 cts.

Mixed Pkt. 5 cts.

123. CRYSTAL PALACE, 10 cts.
124. COMPACTA VAR. Mixed, 10 cts.



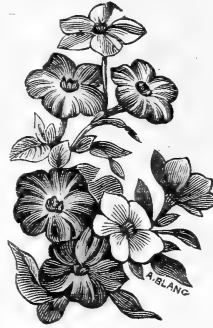
MARIGOLD.

125. MARIGOLD, DOUBLE AFRICAN.—A well-known free flowering plant, of easy culture, with rich and beautiful double various colored flowers. Pkt. 5 cts.

126. MARIGOLD, DOUBLE FRENCH.—Of compact habit, with numerous bright, showy flowers. Very fine. Packet 5 cts.

127. MARIGOLD, GOLD NUGGET. Pkt. 10 cts.

130. MARVEL OF PERU, OR FOUR O'CLOCK (*Mirabilis Jalapa*).—A very pretty annual of vigorous growth. The flowers are brilliant, singularly mixed and varied on the same plant; 2 feet. Pkt. 5 cts.



FOUR O'CLOCK.

136. MIGNONETTE-PYRAMIDAL (Large Flowered).—The largest flowered of all Mignonettes. Annual. Pkt. 5 cts. Oz. 15 cts.

137. MACHET MIGNONETTE.—Well adapted for pot culture; dwarf pyramidal growth; bearing numerous flower stalks; one of the best. Pkt. 10 cts. Oz. 50 cts.

138. MIGNONETTE VICTORIA.—A splendid new compact growing variety of dense pyramidal habit, growing about six inches high. The flowers are of a brilliant red, and are suitable for pot or garden. Pkt. 10 cts.

140. MUSA ENSENTE.—Abyssinian Banana. Pkt. 25 cts.

142. NASTURTIUM—DWARF.—The dwarf variety of Nasturtium are among the most useful and beautiful of annuals for bedding, massing, etc., owing to their compact growth, richness of color and profusion of bloom. Pkt. 5 cts. Oz. 15 cts.

143. DWARF NASTURTIUM—AURORA.—Blush, white and salmon, blotched with garnet. Pkt. 5 cts.

144. DWARF NASTURTIUM—BEAUTY.—Light scarlet, striped with yellow. Pkt. 5 cts.



145. DWARF NASTURTIUM—EMPRESS OF INDIA.—Very dark foliage, with deep crimson flowers. Pkt. 5 cts.

146. DWARF NASTURTIUM—GOLDEN KING.—Brilliant yellow. Pkt. 5 cts.

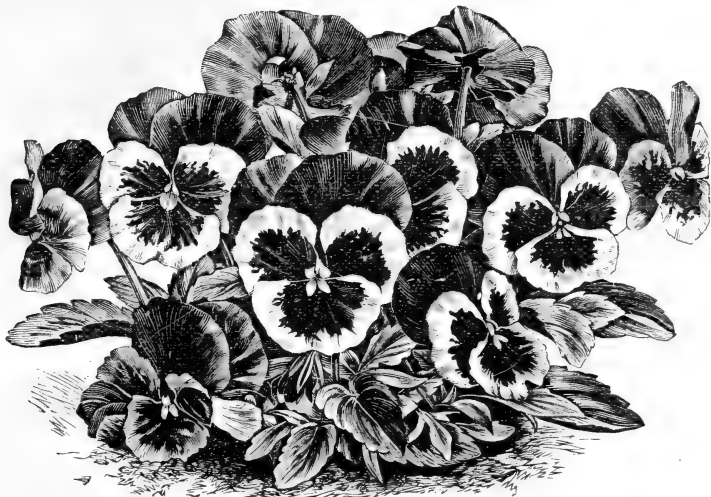
147. DWARF NASTURTIUM—KING OF TOM THUMBS.—Brilliant yellow flowers, blotched with maroon, measuring three inches across. Pkt. 5 cts.

148. DWARF NASTURTIUM—RUBY KING.—Light ruby red. Pkt. 5 cts.

149. DWARF NASTURTIUM—LET-EUM.—Canary yellow, no blotches. Pkt. 5 cts.

Choice Flower Seeds.—Cont'd.

EIGHT 5c. PAPERS FOR 25c., or FOUR 10c. PAPERS FOR 25c.



PANSIES.

153. OXALIS.—Pretty little half-trailing annuals, for hanging baskets, vases, rock work and edgings, flowering in profusion; 6 to 9 in. high. Mixed, annual sorts.

Packet, 10 cts.

155. PANSY, HEARTSEASE (*Viola Tricolor*).—Choice mixed. An old but universally admired plant, producing an endless variety of color, marking and texture. They may be treated as annuals, as they flower the first season from seed; 6 inches.

Packet, 10 cts.

156. PANSY—GIANT TRIMARDEAU.—Remarkable for the extra large size of the flowers, and an endless variety of beautiful shades.

Packet, 10 cts.

157. PANSY, G., T. & CO.'S EXTRA BLOTCHED.—This is the richest mixture ever sent out, containing the finest blotched varieties.

Packet, 15 cts. 2 packets, 25 cts.

158. PANSY (*Bugnot's Superb Blotched*).—A celebrated strain of extra large size, beautiful colors, with handsome, broad blotches, and finely penciled with stripes of delicate hue. The ground colors are generally dark, which with light penciling and blotches makes a magnificent flower. They are a small seeder.

Packet, 50 cts.

159. PANSY (*Odier or Blotched*).—A beautifully flowered species, formed by five petals, each petal having a distinct blotch.

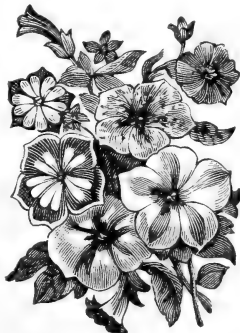
Packet, 25 cts.

165. PETUNIA.—Favorite, half hardy perennials, succeeding well in any rich soil. For the brilliancy and variety of their colors, and the long duration of their blooming period, they are indispensable in any garden.

Packet, 5 cts.

166. SINGLE-FRINGED MIXED PETUNIA.—Large flowers, four to five inches across, of every hue, each flower being beautifully fringed.

Packet, 25 cts.



PETUNIA.

167. DOUBLE PETUNIA.—About 30 per cent. will produce double flowers.

Packet, 25 cts.

168. PETUNIA.—Double-Fringed Mixed. The flowers of this sort being double, together with being fringed, are very beautiful.

Packet, 50 cts.



PHLOX DRUMMONDII.

175. PHLOX DRUMMONDII.—A most brilliant and beautiful hardy annual, about one foot high, well adapted for bedding, making a dazzling show through the whole season. It succeeds well on almost any soil.

Packet, 5 cts.

176. PHLOX DRUMMONDII (*Nana Compacta*).—Very fine mixed. This new strain is of dwarf, compact habit, and makes desirable pot plants, also excellent for ribbon lines and massing.

Packet, 10 cts.

180. PINK-CARNATION or PICOTEE. (*Dianthus Caryophyllus*).—Carnation and Picotee Pinks are generally favorites for their delicious fragrance, richness of colors, and profuse bloom. Perennial.

Packet, 10 cts.

Choice Flower Seeds.—Cont'd.

EIGHT 5c. PAPERS FOR 25c., or FOUR 10c. PAPERS FOR 25c.

181. PINK-CARNATION (*Riviera Market or Gillaud*).—This is the only variety that will produce yellow flowers the first season. The mixture we offer contains a magnificent variety of colors and shades, having among them flowers of canary yellow, and also striped yellow. They will thrive either in open ground or pots.

Packet, 25 cts.



182. PINK-CARNATION (*Marguerite*).—Will produce flowers in a few weeks from seed. Profuse bloomers, producing very double flowers of all shades of red, pink, white and variegated. Will bloom all summer until frost, or will bloom indoors in winter in pots.

Packet, 10 cts.



185. PINK-CHINA (*Dianthus Chinensis*).—Free bloomers, and a general favorite for bouquets; also a useful bedding plant.

Packet, 5 cts.

188. PINK — HEDDEWIGII.—Beautiful double flowers in a great variety of colors, with fringed white edges.

Packet, 5 cts.

190. PINK-JAPAN—Beautiful double flowers, mixed, of various colors, with the outer edges fringed and nearly white.

Packet, 10 cts.

195. PORTULACA (*Mexican Rose*).—One of our finest hardy annual plants, of easy culture, thriving best in a rather rich, light loam or sandy soil; the single flowering varieties are large and brilliant, of the richest shades of color, and produced throughout the summer in great profusion; fine for massing in beds, edgings or rock work.

Packet, 5 cts.

196. DOUBLE PORTULACA.—Packet, 10 cts.



POPPIES.

200. POPPY-CARNATION (*Papaver*).—A showy and easily cultivated hardy annual, with large brilliant colored flowers, growing freely in any garden soil.

Packet, 5 cts.

201. POPPY-PEONY FLOWERED.—A magnificent species, large, showy double globular flowers, resembling Peonies in shape.

Packet, 5 cts.

202. POPPY-THE SHIRLEY.—These beautiful Poppies are generally single or semi-double. The colors, extending from one extreme to the other, are so varied that scarcely two are alike, while many are striped and blotched. The blooms, if cut when young, will stand for 2 or 3 days.

Packet, 5 cts.

203. TULIP POPPY.—A magnificent species from Armenia. The plants attain a height of 14 to 16 inches, and produce from about 50 to 60 flowers of the brightest scarlet.

Packet, 10 cts.

210. ENGLISH PRIMROSE (*Primula Vulgaris*).—No collection of spring flowers is complete without a few of these charming little plants; a little covering in the late fall will protect them from the severe weather of winter, and the great number of flowers produced will more than repay you for the extra trouble. They are not as generally grown as they should be.

Packet, 10 cts.

Choice Flower Seeds.—Cont'd.

EIGHT 5c. PAPERS FOR 25c., or FOUR 10c. PAPERS FOR 25c.



211. CHINESE PRIMROSE (*Primula fringed*).—This variety is much prettier than the English, being fringed and of the most beautiful colors. They differ from each other like the double and single Petunias.

Pkt. 25 cts.

212. RICINUS CAMBOGIENSIS.—Bronze maroon, with red veins.

Pkt. 10 cts.

213. RICINUS ZANZIBARENSIS.—Leaves very large and handsome.

Pkt. 10 cts.

215. SCARLET SAGE (*Salvia Splendens*).—A favorite greenhouse and bedding plant, bearing long spikes of flowers in great profusion from July to October; half-hardy perennial, blooming the first year from seed; 3 feet.

Pkt. 5 cts.

216. SCARLET SAGE—CLARA BEDMAN

Pkt. 5 cts.

220. SENSITIVE PLANT (*Mimosa*).—Curious and interesting plants, with pinkish white flowers; the leaves close in and droop when touched or shaken; tender annual.

Pkt. 5 cts.

225. SNAPDRAGON (*Antirrhinum*).—One of our most useful and showy border plants. The recently improved varieties have large, finely shaped flowers of brilliant colors. Perennial.

Pkt. 5 cts.

230. TEN WEEKS STOCKS (*Gilliflower*).—A world-wide favorite, brilliant and varied in color, equally well adapted for massing, bedding, edging or pot culture. Very profuse bloomers; should be grown in rich soil.

Pkt. 10 cts.

231. STOCKS—SNOWFLAKE IMPROVED.—A beautiful dwarf-growing variety; very large, double, snow-white flowers. Our seed of this variety is grown by a specialist and will produce a large percentage of double flowers.

Pkt. 15 cts.

235. SUNFLOWER (*Helianthus*).—Remarkable for the stately growth, size and brilliancy of their flowers, making a very good effect among shrubbery and for screens. The seed is also good for feeding poultry.

Pkt. 5 cts.

237. SWEET ROCKET (*Hesperis*).—Very pleasing, early spring flowering, profuse blooming plants, with fragrant flowers, growing freely in any light, rich soil.

Pkt. 5 cts.



240. SWEET WILLIAM (*Dianthus Barbatus*).—A well-known, free flowering, popular favorite; the great improvements upon the old varieties made within the last few years have rendered it still more desirable. Hardy perennial.

Pkt. 5 cts.

243. SWEET VIOLET.—Deservedly much in demand, because of their profusion of bloom and delicate sweet odor.

Pkt. 10 cts.



245. VERBENA.—One of the most popular and useful bedding plants. Verbenas delight in a sunny situation, a rich soil, and thorough cultivation.

Pkt. 5 cts.

246. VERBENA (*Hybrida Auricula flora*).—From finest oculated flowers only, extra.

Pkt. 15 cts.

VINCA.—Small bushy plants, producing in quantities round single flowers the first season, if sown early. They may be potted and kept all winter.

250. VINCA ROSA.—Rose, with dark eye.

Pkt. 5 cts.

251. VINCA ALBA.—White, with crimson eye.

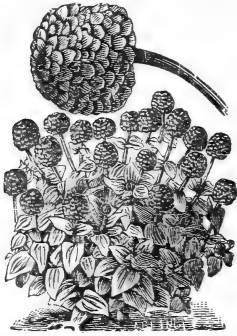
Pkt. 5 cts.

255. WALLFLOWER, DOUBLE.—Well-known, deliciously fragrant plants, with large spikes of double flowers, similar to the Gilliflower. Succeed in light, rich soil, in a moist atmosphere. Perennials.

Pkt. 10 cts.

Choice Flower Seeds.—Cont'd.

EIGHT 5c. PAPERS FOR 25c., or FOUR 10c. PAPERS FOR 25c.

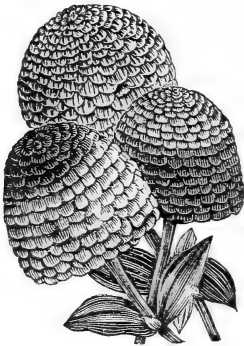


258. ZINNIA ELEGANS (*Youth and Old Age*).—This is one of the most brilliant of annuals, and has long been a general favorite. The flowers are large, finely formed, in great variety of colors, and continue to bloom the entire season. Half-hardy annuals.

Packet, 5 cts.

259. "CURLED AND CRESTED" ZINNIAS.—*New, odd and superb.* Petals twisted, curled and crested into fantastic contortions and graceful forms. A magnificent variety of colors.

Packet, 10 cts. 4 packets, 25 cts.



260. ZINNIAS, DOUBLE POMPON—Long cone-shaped flowers, very pretty.

270. BALSAM APPLE (*Momordica*).—Very curious trailing vines, with ornamental foliage, fruit golden yellow, when ripe opens, showing the seeds and its brilliant carmine interior.

Packet, 5 cts.

272. BALLOON VINE (*Love in a Puff*).—A rapid growing plant; succeeds best in a light soil and warm situation; flowers white; half-hardy annual.

Packet, 5 cts.

275. CANARY BIRD FLOWER (*Peregrinum*).—With yellow, canary-like flowers; very ornamental and beautiful foliage; half-hardy annual.

Packet, 5 cts.

278. CYPRESS VINE, RED (*Ipomoea Quamoclit*).—One of our most popular vines, with very delicate, fern-like foliage, and masses of beautiful, small, star-shaped flowers. Sow last of May; 15 feet.

Packet, 5 cts.

279. CYPRESS VINE, WHITE.—Usually grown with the red, making a handsome effect.

Packet, 5 cts.

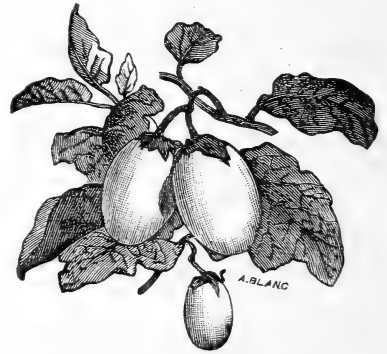
(282) MAURANDIA (*Barclayana*).—These charming climbers cannot be too highly praised for their beautiful flowers and foliage; they are admirably adapted for hanging baskets, vases or trellis-work.

Packet, 5 cts.



285. MIXED GOURD (*Cucurbita*).—Rapid growing interesting plants, with ornamental foliage and varieties of singular shaped fruit. Annual.

Packet, 5 cts.



286. NEST EGG GOURD.—White fruit, shaped like an egg. Used as a substitute for nest eggs.

Packet, 5 cts.

287. DISH CLOTH GOURD.—Pkt. 5 cts.

288. DIPPER GOURD.—Packet, 5 cts.

295. MOCK ORANGE.—Fruit shaped like an orange.

Packet, 5 cts.

300. MORNING GLORY (*Convolvulus Major*).—One of the most free flowering and rapid growing plants in cultivation, thriving in almost any situation; the beauty and delicacy of their brilliant flowers are unsurpassed; hardy annuals.

Packet, 5 cts.

305. MOON FLOWER (*Ipomoea Noctiflora*).—Charming and popular blooming climbers, of rapid growth and showy effects; warm, rich soil, with a sunny exposure, suits them.

Packet, 5 cts.

310. TALL NASTURTIUM (*Tropaeolum Major*).—Elegant, profuse flowering plants, constantly growing in favor for verandas, trellis, etc. The seed pods can be gathered while green and tender for pickling.

Packet, 5 cts.

320. SCARLET RUNNERS.—Very handsome climbing Beans, with bright scarlet flowers,

Packet, 5 cts.

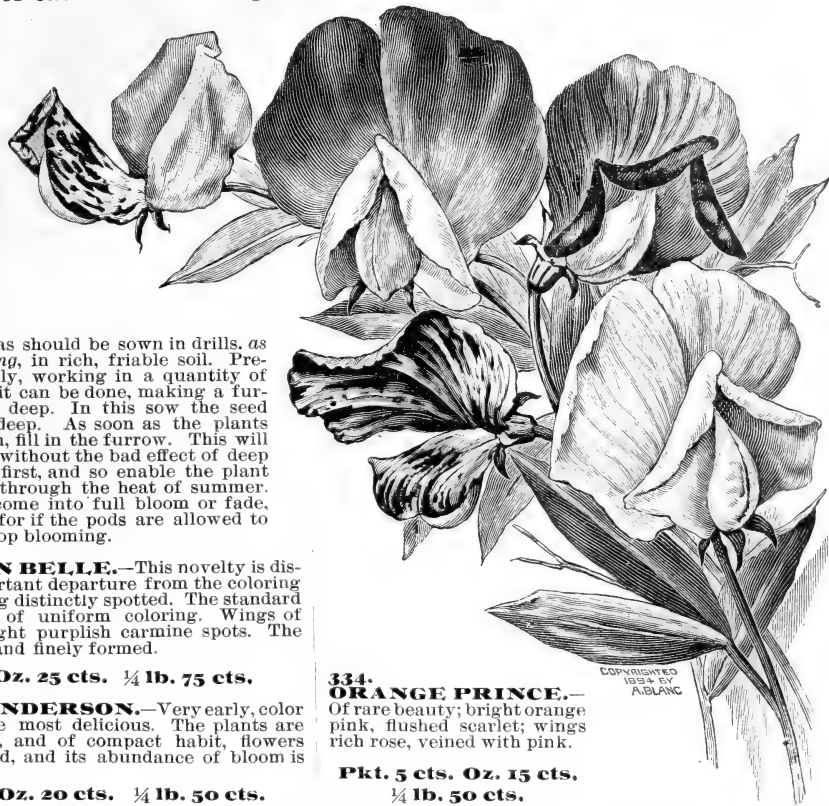
Sweet Peas.

One Packet of each of these 18 splendid varieties or 18 Packets for 75 cts.

The wonderful advance made in the size, substance and variety of colors in Sweet Peas in the past few years, have placed it in the first rank among flowering plants. But few plants are easier grown, and grown in masses of separate colors or in mixture their beauty and fragrance cannot be surpassed.

We have made the selection of choice varieties of Sweet Peas a specialty and offer in our list an assortment that cannot be excelled.

CULTURE.—Sweet Peas should be sown in drills, as early as possible in spring, in rich, friable soil. Prepare the bed thoroughly, working in a quantity of well rotted manure, if it can be done, making a furrow four to six inches deep. In this sow the seed and cover two inches deep. As soon as the plants begin to show through, fill in the furrow. This will secure a deep planting without the bad effect of deep covering of the seed at first, and so enable the plant to bloom continuously through the heat of summer. As fast as the flowers come into full bloom or fade, they should be cut off, for if the pods are allowed to form, the plants will stop blooming.



325. AMERICAN BELLE.—This novelty is distinct, showing an important departure from the coloring of other varieties, being distinctly spotted. The standard is clear, bright rose, of uniform coloring. Wings of crystal white with bright purplish carmine spots. The flowers are very large and finely formed.

Pkt. 10 cts. Oz. 25 cts. ¼ lb. 75 cts.

326. EMILY HENDERSON.—Very early, color pure white, fragrance most delicious. The plants are robust, very branching, and of compact habit, flowers large, broad and round, and its abundance of bloom is phenomenal.

Pkt. 10 cts. Oz. 20 cts. ¼ lb. 50 cts.

327. BLANCHE FERRY OR IMPROVED PAINTED LADY.—The demand for this magnificent variety continues unabated, which proves the wonderful hold it has on the popular favor. Color standard brightest pink, keel and wings white.

Pkt. 5 cts. Oz. 10 cts. lb. 75 cts.

328. BOREATTON.—A very fine dark Pea with bold, stout flowers, color deep maroon. Distinct and beautiful.

Pkt. 5 cts. Oz. 15 cts.

329. BUTTERFLY.—New and ranks among the very best of this unrivaled class of plants. Very floriferous, color lavender blue, shading into white on the lower petals.

Pkts. 5 cts. Oz. 15 cts. lb. \$1.00.

330. MRS. GLADSTONE.—The most delicately shaded variety of all. On opening, the flowers are buff and soft pink, changing to a beautiful pale blush. Standard pink deepening in color at the base, and wings flesh tinted.

Pkt. 5 cts. Oz. 15 cts. ¼ lb. 50 cts.

331. APPLE BLOSSOM.—Large pointed flowers, shaded pink and rose, with the prevailing tints deepest in the clearly veined standards; most appropriately named.

Pkt. 5 cts. Oz. 15 cts.

332. THE SENATOR.—Splendid, finely formed, large flowers, shaded chocolate and bright brown, and striped on a creamy white ground-color; mottled and blotched in every conceivable manner. In strong lights its markings take on an almost reddish hue.

Pkt. 5 cts. Oz. 15 cts.

333. PRIMROSE.—Distinct as the nearest approach to yellow in Sweet Peas. Standard and wings of a pale primrose-yellow color.

Pkt. 5 cts. Oz. 15 cts. ¼ lb. 50 cts.

334. ORANGE PRINCE.—Of rare beauty; bright orange pink, flushed scarlet; wings rich rose, veined with pink.

Pkt. 5 cts. Oz. 15 cts.
¼ lb. 50 cts.

335. PRINCESS BEATRICE.—A vigorous grower and free bloomer, flowers a clear and beautiful carmine-rose, slightly shaded, one of the best.

Pkt. 5 cts. oz. 10 cts. lb. \$1.00.

336. PRINCESS OF WALES.—New and a vigorous grower, color white ground shaded and tinged with mauve, making a very pleasing impression.

Pkt. 5 cts. Oz. 15 cts.

335. LOTTIE ECKFORD.—New and a free bloomer, color lavender, shaded with pink and white. Very handsome.

Pkt. 5 cts. Oz. 10 cts. lb. \$1.00.

338. INDIGO KING.—A strong growing and very prolific sort, bearing a profusion of large flowers with dark maroon standard and clear indigo blue wings. Very handsome.

Pkt. 5 cts. oz. 10 cts. lb. 75 cts.

339. INVINCIBLE SCARLET.—Plant vigorous, flowers of intense and brilliant scarlet-pink, of the largest size, the most brilliant variety yet produced.

Pkt. 5 cts. Oz. 10 cts.

340. INVINCIBLE WHITE.—The stock we offer produces very large flowers of fine form and pure white color.

Pkt. 5 cts. Oz. 15 cts.

341. QUEEN OF THE ISLES.—Scarlet mottled and flaked with purple and white.

Pkt. 5 cts. Oz. 15 cts.

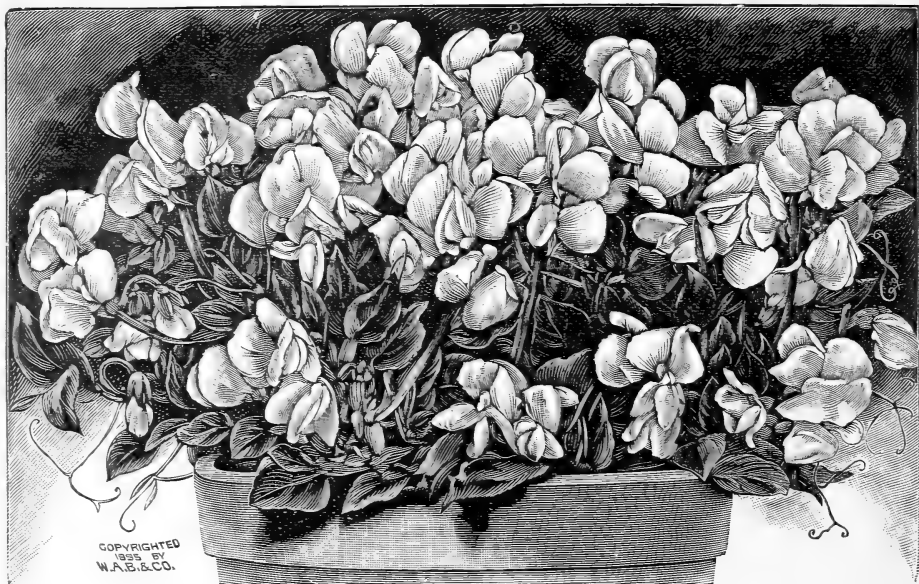
342. QUEEN OF ENGLAND.—Grand pure white flowers of extra large size, specially choice.

Pkt. 5 cts. Oz. 10 cts.

360. EXTRA FINE MIXED.—This is a splendid mixture of our own, which includes nearly all the above varieties.

Pkt. 5 cts. Oz. 10 cts. ¼ lb. 25 cts. lb. 75 cts.

FLOWER SEED.



A SINGLE PLANT OF CUPID.—Grown in a pot, engraved from a photograph.

Your attention is invited to the NEW DWARF SWEET PEA, "CUPID," which, unlike all others, grows only FIVE INCHES HIGH.

CUPID excites wonder wherever seen,—such a Sweet Pea, yet in habit so unlike a Sweet Pea! It is true that its stems are short, but it has all the fragrance of the most favored Eckfords. The flowers are the size of the *Emily Henderson*, but *with more substance in the petals of both wings and standards than any other Sweet Pea*. It bears two and three blossoms on the end of each stem, all opening about the same time, so that it is unnecessary to pick a stem with a bud and an open blossom.

CUPID grown in a twelve-inch pot just fills the top—with its blooms of glistening whiteness it is wonderfully attractive in the house, the public hall, or the conservatory. In the garden it will be used chiefly as a *border plant*, for it will bear trimming to just the proper shape. The foliage alone is pretty enough for any border, but this is forgotten when CUPID bursts into a mass of snow-white blossoms, not unlike a very dwarf hedge covered with snow. **Price, 25 cts. per pkt.**

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| <p>343. BLUSHING BEAUTY.—Soft pink, suffused with lilac.</p> <p>344. COUNTESS OF RADNOR.—Delicate lavender.</p> <p>345. FIREFLY.—Intense glowing crimson.</p> <p>356. GAIETY.—Standards white, striped and flaked with rosy lilac; wings delicate bluish.</p> | <p>347. HER MAJESTY.—Beautiful, soft rosy pink.</p> <p>348. MRS. SANKEY.—Black seeded. Large, white flower, changing to bluish.</p> <p>349. VENUS.—Salmon buff; the standards delicately shaded with rosy pink.</p> <p>350. BLANCHE BURPEE.—Pure white; very large flower.</p> |
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FLORISTS' SUPPLIES.

POT LABELS.

	Plain.	Painted.
3½-inch, per 1000.....	\$ 45	\$ 60
4 " " ".....	50	65
4½ " " ".....	55	70
5 " " ".....	65	90
6 " " ".....	75	1 00

12-inch, per 100, 50 cts.

LIGHT PLANT STAKES.

	Each.	Per doz.	Per 100.
1½ feet.....	\$ 02	\$ 20	\$ 90
2 " ".....	03	25	1 50
2½ " ".....	05	35	2 25
3 " ".....	05	40	3 00

UNPAINTED STAKES OR DOWELS.

Long.	Diameter.	Per doz.	Per 100.	Per 1000.
36 in.....	¼ in.....	\$ 15	\$ 60	\$4 00
42 ".....	½ ".....	20	75	4 50
42 ".....	¾ ".....	25	90	6 00

HEAVY OR DAHLIA STAKES.

	Each.	Per doz.	Per 100.
3 feet.....	\$ 06	\$ 65	\$4 00
4 ".....	08	85	5 50
5 ".....	10	1 00	6 50

PERFECT GLAZING POINTS.

The greatest thing out for greenhouse use. Prices per box of 1000..... \$ 60
Pincers for driving..... 50

PUTTY DISTRIBUTOR.

The best appliance for distributing putty..... \$ 80
10 cts. additional if sent by mail.

FOR INSECT DESTROYERS See Page 52.

SPECIAL PRICES TO CANNERS, GARDENERS AND FARMERS, IN LARGE QUANTITIES.

Nursery Department.

HAVING engaged the services of an experienced nurseryman, we are now prepared to furnish our patrons with a full line of Fruit, Shade and Ornamental trees and Roses at greatly reduced prices, and saving to the customer the agents' commissions. Our stock will be first-class in every respect, as we deal only with the best houses.

Special prices in large lots.

As our space is limited we will describe a few of the choicest kinds, but give below the names of other varieties well known to the public.

When the purchaser is not well acquainted with the fruit by name, he would do well to leave the selection to us, briefly stating at what season he wishes the fruit to ripen; and in such case we will exercise our best judgment in making a judicious and profitable selection of the standard sorts of good trees.

Prompt attention will be given to all letters requesting information.

It is expected that orders for trees from those with whom we have no acquaintance will be accompanied with the cash or a suitable reference.

Our customers are requested to notify us instantly of any errors that may be committed in filling their orders, so that we may at once make ample amends, as we desire to conduct our business in all respects satisfactorily to those who favor us with their confidence.

Address all orders for Nursery Stock to

NURSERY DEPARTMENT,
GRIFFITH, TURNER & Co.

SUMMER APPLES.

Yellow Transparent.—A Russian apple of great value; above medium size, roundish oblate; slightly conical; skin a clear white, changing to a pale yellow when fully matured; a remarkably early bearer; very prolific; tree a vigorous and upright grower; gives general satisfaction; does well everywhere, and ripens among the earliest. July. 50 cts. each. \$4.80 doz.

Early Harvest.—Rather large, round; yellow; flesh nearly white, tender, juicy, crisp, with a rich, sprightly, subacid flavor; tree a moderate grower and very productive; taking all its qualities into consideration, this has no superior among early apples. June and July. 50 cts. each. \$4.80 doz.

AUTUMN APPLES.

Gravenstein.—Large, roundish, striped with red; flesh tender, juicy, very rich, subacid, high flavor; productive, handsome and excellent; fine in all localities. August. 25 cts. each. \$2.40 doz.

Oldenburg. (*Duchess of Oldenburg*).—A Russian variety of very handsome appearance and great value; tree very hardy, vigorous, and an abundant bearer; fruit medium to large, golden yellow, nearly covered with streaks of crimson; flesh tender, juicy, pleasant; valuable for market. August. 50 cts. each. \$4.80 doz.

WINTER APPLES.

Lankford's Seedling.—Origin Kent Co., Md. Tree hardy and a good bearer, bearing annual crops; fruit of large size, striped; quality excellent; keeps till April. This new sort possesses many valuable qualities, and will no doubt become a popular sort for late winter use. 50 cts. each. \$4.80 doz.

York Imperial.—Medium; whitish, shaded with crimson in the sun; firm, crisp, juicy, pleasant, mild subacid. Tree moderately vigorous and productive. A popular Pennsylvania variety. November to February. 50 cts. each. \$4.80 doz.

Mammoth Black Twig. (*Arkansas Paragon*).—Originated in Arkansas. A seedling of the Winesap, which it resembles, but it is superior in many ways. Large, deep red; subacid; early and abundant bearer, and a good keeper; the tree is a strong grower and roots well. This valuable winter apple has few equals. December to April. 50 cts. each. \$4.80 doz.

ADDITIONAL VARIETIES.

Red Astrachan, S. Carolina Red June, S. Teotofsky, S. Fall Pippin, A. Smokehouse, A. Ben Davis, W. Bentley's Sweet, W. Berry Red, W. Fallwater, A. Winesap, W. Nansmond Beauty, W. Rome Beauty, W. 25 cts. each. \$2.40 doz. \$18.00 per hundred.

Crab Apples, 60 cts. each; \$6.00 doz.

PEARS.

Blight Proof.—This ironclad against blight is indeed an acquisition. It seems to have inherited all the health and vigor of its parent, the Sand Pear. The fruit is large to very large, conical, smooth, with beautiful greenish yellow surface; flesh is tender and very juicy; the tree is an upright, strong and handsome grower; bears young and enormously. Should be in every collection where a good fruit and annual bearer is desired. First-rate for market. August and September. 75 cts. each. \$7.20 doz.

Garber.—A seedling of the Japan Hybrid, raised by Dr. J. B. Garber, of Pennsylvania; resembles Kieffer, yet is larger, of better quality and very productive, and especially valuable for canning. Tree a strong grower, bears early and abundantly. Bound to win favor for market. Free from blight. September and October. 75 cts. each. \$7.20 doz.

Keiffer, Flemish Beauty, Bartlett, Seckel. 60 cts. each; \$6.00 doz.

PEACHES.

Crosbey. (*Excelsior. Frost Proof*).—This valuable peach has been tested for ten years in the bleakest parts of New England, and in each case has proved itself to be first-class in every way. In 1886 and in 1890, when there was a total failure of the peach crop from the late frost, the Crosbey bore its regular heavy crop. Being almost frost proof it should be planted generally. The fruit is medium size, bright yellow, splashed and streaked with carmine on the sunny side; the flesh is firm, sweet and delicious; stone very small; an enormous bearer. It ripens between Early and Late Crawford. 50 cts. each. \$4.75 doz.

Champion.—This new peach comes from Illinois, recommended as an ironclad against frost, as in 1890, when there was a total failure of the peach crop, it bore heavily. It has stood a temperature of 18° below zero and bore well the following season. Fruit is of large size; skin creamy white, with red cheek, the flesh is white, rich and juicy; a perfect freestone and good shipper, July. 50 cts. each. \$4.75 doz.

We can furnish any other variety at low prices.

PLUM.

Burbank Japan, Bohtan Japan, Prince Imperial Gage, Prince's Yellow Gage, Shropshire Damson, Wild Goose.

CHERRY.

Black Tartarian, Gov. Wood, Dye House.

Apricots, Nectarines, Figs, Quinces, Japanese Persimmon. All nut bearing trees, including Spanish Chestnut.

ORNAMENTAL DEPARTMENT.

A great variety of Shade and Ornamental Trees and Shrubbery, both foreign and domestic.

SPECIAL PRICES TO CANNERS, GARDENERS AND FARMERS, IN LARGE QUANTITIES.

Strawberries.

Varieties marked "P" should have another perfect flowering sort near them.

These varieties are unsurpassed. Our prices are not to be compared with those offering the poor, weak, cheap stock usually sold, as these are many times superior, being fresh dug and shipped direct from our nursery.

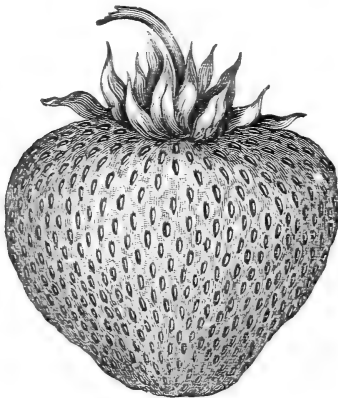
At rates per dozen will be mailed free. At 100 rates add 25 cents per 100 to cover postage, expenses, etc.

Pot-grown plants will be ready for delivery after August 1st. Prices for pot-grown plants are from \$3.00 to \$4.00 per 100, according to variety.



BIG 4—ALL PERFECT BLOSSOMS.

"One of the best collections of strawberries ever offered. Selected and advertised two years ago, and justly deserve the prominence given them; we have no better varieties of their class. They are all well thought of, and no one will be disappointed in them."



ENHANCE.—*The king of large, late, dark Strawberries, and has no superior for canning. Ripens first fruit in mid-season and continues picking until quite late. Fruit is large, firm, fine quality and of the most beautiful dark red color, which runs through to the center of the berry. Plant a strong grower and very productive; free from rust.*

40 cts. per doz. \$1 per 100. \$4 per 1000.

WOOLVERTON.—One of the very best berries on our list. The fruit is large, of beautiful shape, bright, attractive color and fine quality. *Everybody likes the Woolverton.* Plant is a strong, healthy grower, prolific bearer, and the blossoms produce an abundance of pollen, making it especially valuable for planting with other varieties.

40 cts. per doz. \$1 per 100. \$4 per 1000.

GOVERNOR HOARD.—If you want a berry of particularly fine appearance to serve with the hulls on for eating "out of hand" try the Governor Hoard. Berries large, roundish, conical, bright, glossy red, firm and of fine flavor. Ripens quite early.

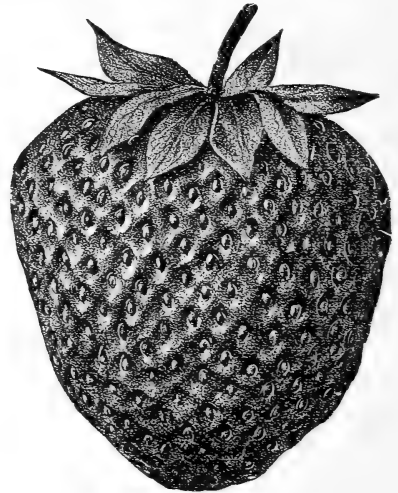
40 cts. per doz. \$1 per 100. \$4 per 1000.

SAUNDERS.—Of Canadian origin; a hardy, luxuriant grower and heavy bearer. Fruit conical, slightly flattened, with a depression on both sides, which, together with the rich, glossy, deep red color, makes it very attractive. Flesh of berry red to the center. "The Saunders does well everywhere."

40 cts. per doz. \$1 per 100. \$4 per 1000.

Select Standard Sorts Worthy of Special Mention.

NOTE.—In this list the varieties are generally already well known, and we give only brief descriptions, with time of ripening, etc. They are the cream of the standard older varieties, selected from a long list after discarding many worthless sorts.



EUREKA.—(P.) Very late. Fruit large size, and one of the very best late varieties we have. A very strong grower and exceedingly productive. Sometimes called "Eureka, the Beautiful," a term which is fitly applied.

35 c. per doz. 75 c. per 100. \$3.75 per 1000.

GANDY.—Ripens late; fruit large and fine.

35 cts. per doz. 75 cts. per 100. \$4 per 1000.

PARKER EARLE.—Satisfactory when grown on rich soil. Fruit medium to large. Recommended for garden culture, but rusts too much for ordinary planting.

40 cts. per doz. \$1.25 per 100. \$8 per 1000.

MICHEL'S EARLY.—*Earliest of the earlies.* Fruit medium size and fine quality. Plant a strong, vigorous grower, and free from rust. Largely planted on account of extreme earliness.

35 c. per doz. 75 c. per 100. \$3.75 per 1000.

HAVERLAND.—(P.) Ripens a few days after Michel's Early, but more productive and larger. Fruit long, resembling Lady Finger; beautiful glossy red and fine quality. One of the leaders among berries, and hard to beat. We especially recommend this variety.

35 c. per doz. 75 c. per 100. \$3.75 per 1000.

SCUSTER'S GEM.—(P.) Ripens with Haverland. Fruit a beautiful crimson, and second only in quality to the Banquet. Remains good size to the end of the season. A great favorite.

35 c. per doz. 75 c. per 100. \$3.75 per 1000.

STRAWBERRIES.—Cont'd.

BEDER WOOD.—Ripens just after Shuster's Gem, and is a very heavy bearer. Fruit not as large as some, but it knows how to bear. Blossoms perfect.

35 c. per doz. 75 c. per 100. \$3.75 per 1000.

BUBACH.—(P.) Ripens second early. Fruit extra large and fine; very productive and profitable.

40 cts. per doz. \$1 per 100. \$4.50 per 1000.

WARFIELD.—(P.) Early and productive. Rich, dark, glossy red. Medium size, but very attractive.

35 c. per doz. 75 c. per 100. \$3.75 per 1000.

LOVETT'S EARLY.— Ripens second early, and continues through season. Exceedingly productive, and has become very popular. Fruit averages good size; is bright red and of fine shape.

35 c. per doz. 75 c. per 100. \$3.75 per 1000.

SHARPLESS.—A standard old sort, well known and largely planted, both for table use and for market.

35 c. per doz. 75 c. per 100. \$3.75 per 1000.

SIX GRAND NEW BERRIES.

We consider these six varieties the cream of the tested new sorts offered recently. There is no doubt that they all have solid merit.

TIMBRELL.—(P.) The most extensively advertised berry ever introduced, and no berry was ever offered under more favorable circumstances. It had become immensely popular even before its introduction, through the most satisfactory results at the various points to which the originator sent it for trial. Fruit is large, bright red, rich and of good quality. Ripens late and is very productive.

75 cts. per doz. \$4 per 100. \$35 per 1000.

GREENVILLE.—(P.) "*The Fill-Basket of the 19th Century.*" The most widely tested new variety yet offered. A great improvement over Bubach, being a better grower, and with fruit of finer appearance. The berries are large, bright crimson, and of good quality.

50 cts. per doz. \$1 per 100. \$5 per 1000.

NEW LADY-FINGER (BELLE).—Here is what we have been looking for—a berry having many of the characteristics of the old fashioned and favorite Lady-Finger, constituting fine quality, firmness, size and productiveness and length of fruit; in fact, resembling that variety more closely than any others. "It is the longest of all berries." The introducer says, "At this writing it is more than a month since the first Strawberries ripened, but to-day's picking of the Lady-Finger are the largest of the season, showing its tendency to hold its size to the end of picking." Season medium to latest.

75 cts. per doz. \$2 per 100.

DAYTON.—The Dayton is filling a prominent place. The fruit is large, regular in shape, bright and attractive in color, firm and excellent in quality. Ripens *very early* and continues in bearing a long time. Plant is a strong grower, perfectly healthy and free from rust; stands the dry weather and burning sun, and remains firm during the wettest season, as we found this year.

40 cts. per doz. \$1 per 100. \$4.50 per 1000.

PRINCESS.—(P.) "*Eighteen Berries fill a quart!*" This is a "princess," indeed, and well deserves the name. A small bed will produce a surprising amount of fine attractive fruit, and the *best of fruit!* Plant a strong, robust grower, hardy and healthy. Roots deep and stands drought well. Ripens midseason.

40 cts. per doz. \$1 per 100. \$4.50 per 1000.

LEADER.—This new variety somewhat resembles Sharpless in growth of plant and shape of fruit, but is much earlier and is far more productive; really an improvement over Sharpless in every way. Ripens early.

40 cts. per doz. \$1 per 100. \$4.50 per 1000.

Blackberries,

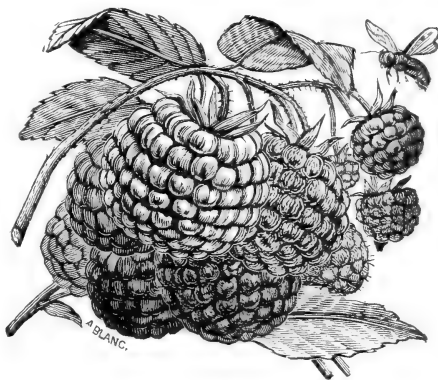
WILSON, Jr.—The largest known variety, of fine appearance and ripens very early. Very productive and good quality. By its low, trailing habit of growth it is easily protected in winter and well adapted on that account to cold climates.

KITTATINY.—A very popular sort for general planting, and still growing in popular favor, especially for family use. Very strong grower; berries large and fine flavor; exceedingly productive. Season extends from medium to very late.

LCRETIA (Dewberry).—As early as Early Harvest and as large as Wilson. Shiny jet black, melting and delicious quality, devoid of core. Plant is entirely hardy, healthy, strong grower and very productive.

Price by mail, 10 cts. each, 3 for 25 cts., 12 for 75 cts. Price by express, \$1.50 per 100. If wanted by mail, at rates per 100, add 40 cts. per 100 to cover postage.

Raspberries,



Postage on Raspberries by the 100, same as on Blackberries.

BLACK PROGRESS (Pioneer).—The best very early jet black Raspberry. Good quality, ripening with Souhegan, stronger grower and more prolific; very valuable market variety; extremely hardy.

Price by mail, 10 cts. each, 3 for 25 cts., 12 for 75 cts. Express, \$1.50 per 100.

GOLDEN QUEEN.—The best yellow Raspberry. Very large, exquisite beauty, very good quality, hardy and very productive; very strong grower and succeeds well in the South and Pacific Coast, as well as in colder climates.

Price by mail, 10 cts. each, 3 for 25 cts., 12 for 75 cts. Express, \$1.50 per 100.

CUTHBERT, GREGG, OHIO AND SOU-HEGAN.—10 cts. each, 3 for 25 cts., 75 cts. per doz., by mail. By express, \$1.50 per 100.

Currants,

CHERRY.—The most popular market sort. Bunch and berry very large, bright red; bush healthy, vigorous and productive.

Price by mail or express, 10 cts. each, 3 for 25 cts., 12 for \$1, \$5 per 100.

FAY'S PROLIFIC.—The best red Currant. Strong grower, wonderfully productive and comes to bearing young; fruit large, bright red and good quality.

Price by mail or express, 20 cts. each, 3 for 50 cts., 12 for \$1.50.

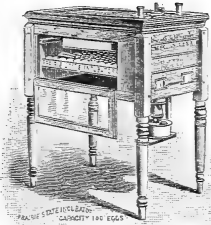
WHITE GRAPE.—The largest and best white Currant. Bunch large; berries large, handsome, translucent and excel ent quality. Strong grower and very productive.

Price by mail or express, 10 cts. each, 3 for 25 cts., 12 for \$1, \$5 per 100.

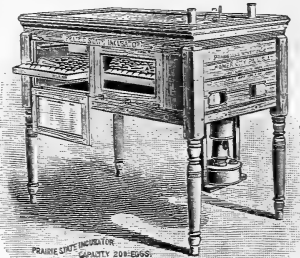
POULTRY SUPPLIES.

PRAIRIE STATE INCUBATORS,

THE WORLD'S GREATEST INCUBATORS AND BROODERS.



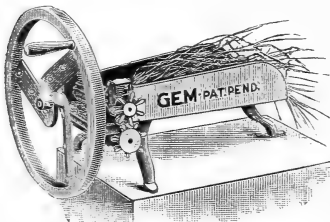
100-EGG INCUBATOR.



200-EGG INCUBATOR.

and most improved pattern. Address, GRIFFITH, TURNER & CO., BALTIMORE, MD.

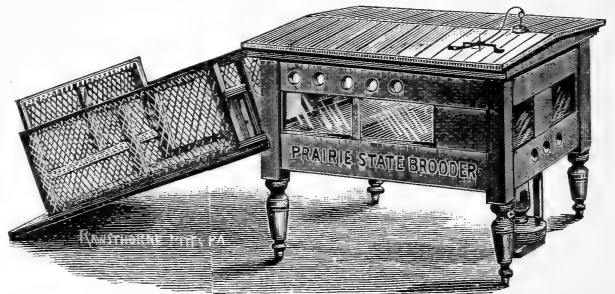
The largest poultry breeders and the largest duck raisers in the United States, if not in the world, use our machines exclusively, many of them having 10, 20, 30, 40 and as high as 56 machines in use. Have been awarded 140 first premiums in the strongest competition. Prices are reasonable and within the reach of all. Special 152-page catalogue, containing 261 illustrations, giving full particulars, will be sent upon request. Every machine warranted. Incubators made in all sizes. Special duck machine for duck raisers. Indoor and outdoor brooders of the latest



GEM CLOVER CUTTER.

Best in the world. All iron and steel. Cuts green or dry fine, even and easy.

PRICE, \$9.00.



THE PRAIRIE STATE HOT-AIR BROODER.

Self-regulating top and bottom heat.

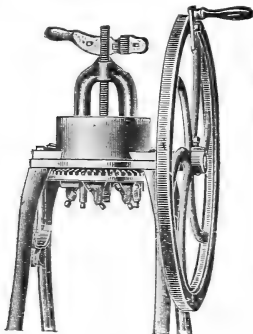
This Brooder is intended for indoor work only. They will do the work satisfactorily, and as they are well made and finely finished can be placed in any building, or moved from one place to another.

INCUBATORS.

No.	Capacity.	Weight.	
0	Incubator 50 eggs	120 lbs. \$20 00
1	" 100 "	135 lbs., ready for shipment	.. 25 00
2	" 200 "	" 210 "	.. 40 00
3	" 300 "	" 350 "	.. 56 00
4	"double 400 "	" 480 "	.. 70 00
5	" 520 "	" 580 "	.. 80 00
288	"Special Duck 288 "	" 475 "	.. 62 00

BROODERS.

HOT-AIR SELF-REGULATING, WITH RUNS.			
No.	Capacity.	Weight.	
1,	100 chicks,	100 lbs., crated \$15 00
2,	200 "	120 " 20 00
SECTIONAL HOT-WATER PIPE BROODERS, NO RUNS.			
No.	Capacity.	Weight.	
1,	one section, 100 chicks,	110 lbs., crated \$14 00
2,	two "	200 " 19 00
3,	three "	300 " 24 00
4,	four "	400 " 29 00
Hot-water Outdoor Brooder, capacity 100 to 150 chicks, weight 225 lbs. 20 00			



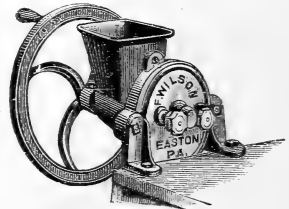
Mann's Standard Bone Cutter No. 2, price \$18.50

Mann's Simplex Bone Cutter, price \$10.

WILSON'S BONE AND SHELL MILLS

Grind oyster or clam shells and dried bones, and is an excellent mill and largely used. Will also grind corn.

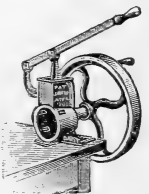
Price, \$5.00.



WILSON'S DAISY GREEN BONE MILL

Is the best in the market. This Machine is especially made for cutting GREEN BONE with meat on, right from the butcher, or offals of bone and meat from the table. The knives can be taken out when dull, sharpened and replaced in a few minutes. A large or small bone can be cut up at once. Turns easy; cuts fine and fast. Capacity 1/2 lb. a minute.

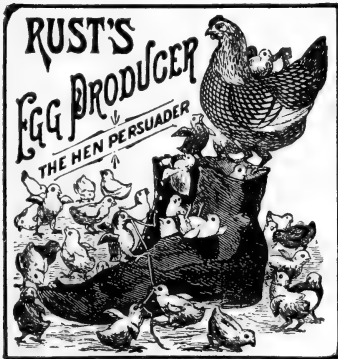
With Stand \$18.00. Without Stand \$15.00.



Poultry Supplies, Horse Powders, &c.

Eggs at all Seasons by Using Rust's Egg Producer.

TRADE (THE HEN PERSUADER) MARK.



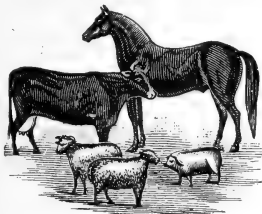
RUST'S EGG PRODUCER.—This has given our customers universal satisfaction. It supplies those substances which produce Egg growth and development. So moderate in price, it should be used winter and summer.

1 lb. pkg. 25c.
If to be sent by mail add 16 cts. per lb. to prepay postage.
6 lb. box \$1.00.

HAVEN'S ROUP PILLS.—Cures Roup, Catarrh, Colds, etc. **Box 25 cts.**

Haven's Climax Condition Powders FOR STOCK AND POULTRY.

NO POULTRY OR STOCK KEEPER
Can Afford to do Without



RUST'S HAVEN'S CLIMAX
CONDITION POWDER.

The only positive preventive and cure for Gapes and Poultry Cholera, and a most excellent medicine for young Turkeys that have been exposed to the weather; also an excellent medicine for Horses, Cattle, Sheep and Hogs. All who have used Haven's Climax Condition Powders once will have it again.

1 lb. package 25c.
By mail 40 cts.

ERR'S HORSE AND CATTLE POWDERS.—For the cure of diseases that affect Horses, Cattle, Swine,

Sheep and Fowls. Growing in popularity, and sales constantly increasing.

Package 15 cts. 2 packages 25 cts.

Sheridan's Condition Powder.

This is a well-known brand of Poultry Powder; well recommended by all leading poultry dealers.

4 oz. pkg. 25 cts. 2 lb. can \$1.00. Mailing 15 cts. per lb.

Pratt's Food.

Will make hens lay all the year, and is excellent for feeding to young chicks. For large fowls mix 1 ounce with the food for 15 or 20. For 15 or 20 chicks give one-half ounce every other day.

1½ lb. package 25 cts.

Cracked Poultry Bone.

This article is manufactured from fresh, clean bones, and is perfectly pure and sweet. The bones are extra selected, being first boiled to remove the meat, and then ground. No chemicals whatever are applied to them in the course of manufacture, so that they are turned out green and pure. Should be fed to the poultry daily, about a handful to every five fowls, like grain or any other feed. An excellent bone and egg producer, keeping the fowls strong on their legs and largely increasing their laying qualities.

5 lbs. 25 cts. 10 lbs. 40 cts. 30 lbs. \$1.00. 100 lbs. \$2.50.

Bone Meal for Poultry.

For mixing once a day with soft feed this is unsurpassed. Laying hens and young chickens, whose digestive powers are not strong, are much benefited by this, especially during the winter months, or where closely confined in yards. This is exactly the same as the cracked bone described above, only it is ground much finer.

5 lbs. 25 cts. 10 lbs. 40 cts. 30 lbs. \$1.00. 100 lbs. \$2.50.

Crushed Oyster Shells.

This is a most important article for the poultry yard through the winter, and should be liberally supplied to the fowls. In summer, when left to run at large, they can find their own shell-making material, but when everything is frozen or covered with snow, they must be helped out if eggs are wanted.

5 lbs. 15 cts. 25 lb. 40 cts. 100 lbs. bag 75 cts.

Animal Meal.

MAKES HENS LAY.

This is a true egg producing, flesh and bone forming food, and supplies just what laying hens and growing chicks require. It is not a medicine. It is fed with other foods.

5 lbs. 25 cts. 10 lbs. 40 cts. 25 lbs. 75 cts. 50 lbs. \$1.25. 100 lbs. \$2.25.

Mica

Crystal Grit.

To aid digestion it is necessary to feed some gritty material. Mica Crystal supplies this want better than any other article known. We can supply this in two grades, fine for small chicks and birds, coarse for large fowls.

ENOUGH TO MAKE ANY CHICKEN LAUGH!!!



5 lbs. 15c.
10 lbs. 25c.
25 lbs. 40c.
100 lbs. \$1.00.

Sunflower.

Highly recommended for Poultry as one of the best Egg Producing Foods known, keeping them in good condition.

Qt. 15 cts. Pk. 75 cts. Bu. \$2.00.

Lambert's Death to Lice.

A disinfectant Insect Powder. It is first class for destroying lice on poultry, also kills them on stock or plants.

15 oz. box 25 cts.

POULTRY NETTING.

FOR ENCLOSING POULTRY YARDS.

The Wire we offer is all No. 19, double twist, 2-inch mesh, thoroughly galvanized after weaving. Sold in bales of 150 running feet.

Prices, 2-inch Mesh.

12 in. wide.....	150 sq. feet....	\$ 75 per bale.
18 " " " " " "	225 " " " "	1 13 " "
24 " " " " " "	300 " " " "	1 50 " "
36 " " " " " "	450 " " " "	2 25 " "
48 " " " " " "	600 " " " "	3 00 " "
60 " " " " " "	750 " " " "	3 75 " "
72 " " " " " "	900 " " " "	4 50 " "

Prices for less quantity, 1 cent per square foot. Staples for fastening, 10 cts. per lb.

We are headquarters for **OYSTER SHELL** and **CHICKEN BONE**, and are prepared to quote special low prices on ton or car load lots, also wholesale rates on all Poultry Supplies.

ALL KINDS OF POULTRY SUPPLIES.

Poultry Supplies, Etc.

PORCELAIN NEST EGGS.—The best and cleanest nest egg used.

Each 5 cts. Doz. 25 cts.
By mail, 50 cts.

JAPANESE NEST EGG COURD.
—These exactly resemble the eggs of hens, making a capital nest egg; superior to glass eggs, as they do not break and are uninjured by cold or wet. The plant is a rapid growing climber.

Pkt. 5 cts. 6 pkts. 25 cts.
Oz. 50 cts.



HOW TO CAPONIZE.

Every poultry man knows that CAPONS are much larger fowls, sweeter and finer meat and sell at a much higher price. You CAN DO YOUR OWN CAPONIZING EASILY, and our book sent with each set tells all about it. Sent free with the set of instruments.

Price, leather case, \$2.59.

FRENCH POULTRY KILLING KNIFE.

The most expeditious and humane way of killing and dressing Poultry is by the French method. These knives are made of the finest steel.



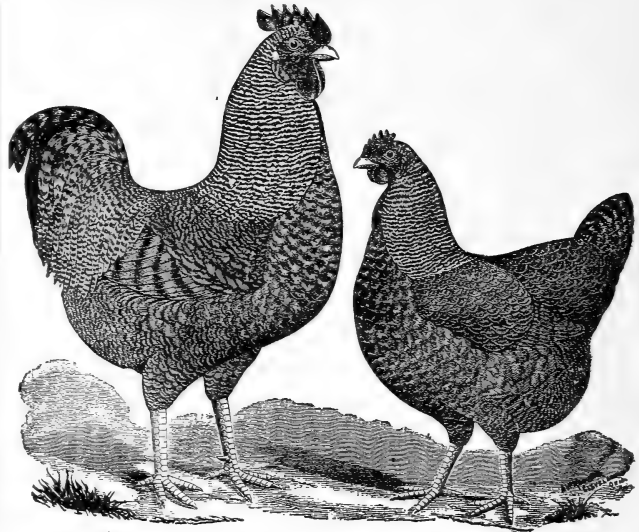
Price, with instructions, 50 cts. each.

POULTRY MARKER.

This little instrument is used for marking young and old chickens. It is invaluable to breeders and farmers. They are made in two sizes for large or small chicks, nickel plated, have steel cutter and spring, and are made small and neat to carry in the vest-pocket. Sent by mail on receipt of price.



Price 25 cts. each.



Barred Plymouth Rocks.

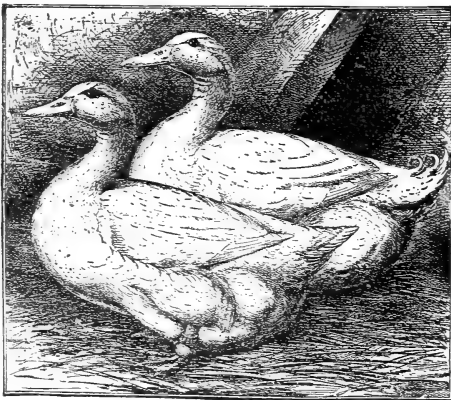
The Barred Plymouth Rock is perhaps the most popular and widely known variety of fowls bred in America. In almost every barn-yard flock of fowls you will find specimens which their owner vows to be the pure and genuine Plymouth Rock. They are justly styled the "Farmers Fowl." We believe we have as fine a strain of Barred Plymouth Rocks as can be found in the United States. After the age of ten to twelve weeks, when they make the best of broilers, there is no stage of their growth when they are not salable for market purposes. Having a fine yellow skin, and being large breasted, makes them one of the best table fowls in the market. They are the best all year-round layers. We have three yards of these fowls, and will furnish eggs from either as follows, eggs packed in stout baskets ready for Express:

13 eggs for \$2.00. 30 for \$4.00.
Cockerels, \$3.00 to \$5.00.
Good Cockerels, \$2.00. Trio, \$6.00 to 8.00.

Brown Leghorns.

The characteristic features of these birds is their wonderful egg producing qualities, and early maturity, pullets beginning to lay when only four to five months old.

13 eggs for \$1.50.
Cockerels, \$1.50 to \$2.00. Trio, \$3.50.

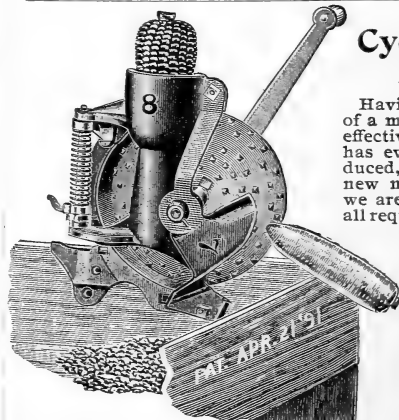


Pekin Ducks.

Male, \$2.00 each. Female, \$1.50 each.
EGGS. per 11, . . . \$1.25
per 22, . . . 2.00

EGGS securely packed for shipping via Express to any part of the country.

FOWL shipped in slat covered coops so as to secure for customers the low Express Rates as issued by the Express companies in November, 1895.



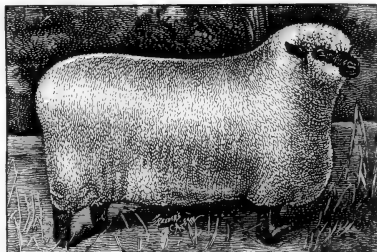
THE Cyclone Sheller.

Having felt the need of a more perfect and effective sheller than has ever been introduced, we now offer a new machine which we are sure will meet all requirements. The manufacturers have succeeded in overcoming the frequent clogging and choking, which is the constant objection to all other machines in the market, and have been very particular to make every

part strong enough to stand all strains that it would be likely to have. It is cheap, simple and effective, separates the cob from the corn and takes less power to do the same amount of work than any other machine of its size ever made.

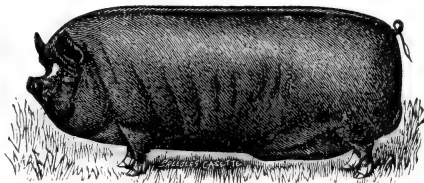
Price, \$3.00.

• • • Pure Bred Shropshire Sheep • • •



NO sheep of to-day are attracting the attention of successful breeders and progressive farmers like the Shropshire class. Being the finest combination of a producer of both choice mutton and wool, they naturally yield better profits for those who breed them. Last season the average clip of our flock was nine and a-half pounds to the fleece. When it comes to the production of a fine carcass of mutton, the Shropshire stands a little ahead of all other breeds for quantity. This breed is very hardy, suitable to a wide range and are easily kept. Our flock is headed by a very choice ram, who was sired by a prize winning ram in England, and we know our lambs will please the most exacting. **Prices, single buck or ewe lamb, first choice, \$18.00; pair, buck and ewe, \$35.00; second choice lambs, \$15.00 each. Lambs by registered rams out of unregistered ewes, \$12.00 to \$14.00.** Special prices if ordered in lots of a dozen at one time.

• • • Pure Bred Berkshire Pigs • • •

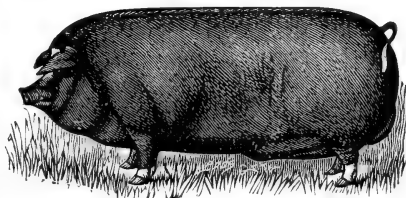


AS a distinct breed the Berkshire is one of the oldest and best, and in fact its merits as a producer of sweet meat, with the lean and fat nicely intermingled, are too well known to need comment. Our stock is all choice selected types, of good size, well boned and develop most satisfactorily, fattening while young. As a farmer's hog, they have few equals.

Prices: First choice pigs, eight to ten weeks old, \$10.00 each; pair, \$18.00; trio mated not akin for breeding, \$27.00; 10 to 12 weeks, \$12.00 to \$14.00; 3 to 4 months, \$16.00 to \$18.00.

Service boars and sows ready to breed and bred. Prices on application.

• • Pure Bred Poland China Pigs • •



THIS breed, acknowledged to be the best large black hog, is a general favorite with all who have tried them. The Sows are prolific breeders and good mothers, raising in many instances an entire litter. Our stock is choice, being descendants of Black U. S. and J. H. Sanders.

Prices same as Berkshires.

• • Pure Bred Chester White Pigs • •

OF all the large breeds none are superior to the Chester Whites. They are of rapid growth and weigh two hundred pounds at six months old, and in many instances five hundred pounds at one year. They usually raise large litters of pigs, of uniform size. Our stock is of heavy bone capable of carrying well their heavy carcasses, fine skin and hair, thrive well in small enclosures and are not liable to mange.

Prices same as Berkshire.

ORDERS TAKEN NOW FOR SPRING DELIVERY.

Insect Destroyers, &c.

TOUGH ON FLIES.—One application instantly and positively relieves horses and cattle from all annoyance from Green Heads, the dreaded Texas Heel Fly, as well as from other Flies, Gnats and Insects of every description for at least twenty-four hours. It improves the coat of the animal and abolishes the use of fly-nets.

Price including Brush, Qt. \$1.00. ½ gal, \$1.75
Gallon \$2.50.

BORDEAUX MIXTURE (standard strength).—A valuable and indispensable fungicide for grape growers, thereby insuring larger crops and finer grapes, and preventing failure. A sure cure and preventive for black rot, mildew and rust, also of great value for other plants with kindred diseases. *By express or freight only.*

Per gal., \$1.25.

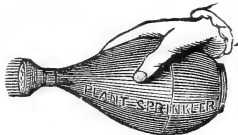
THERMOMETERS.—Tin, Japanned, 7-in. \$ 15
Boxwood, fine finish, red spirit..... 1 00
Plain metal, brass finished..... 50
Dairy or hot-bed, glass, floating..... 35
8-inch Dairy, stands boiling water... 50
Mushroom bed, or hot-bed, with brass end.... 1 00
Mushroom bed, or hot-bed, with brass end, extra good..... 2 00
Porcelain scale, red spirits..... 1 25



EDDY'S POTATO BUG EXTERMINATOR, \$1 25

PLANT SPRINKLERS.—For sprinkling cut flowers, seedlings, plants, clothes, etc.

Medium size..... 60 cts.
Large size, 85 cts. and \$1.
By mail 10 cts. extra.



SLUG SHOT.—A non-poisonous powder and a very popular insecticide—it requires no further mixing or preparation—easily applied, and not injurious or dangerous to animals, the person applying it, or fruits and vegetables treated. Very effectual in destroying potato bugs and beetles, green and black fly, slugs, worms, caterpillars, etc.

It will be necessary, however, to apply it occasionally, for it does not kill the eggs or prevent them from hatching. The best time to apply it is early in the morning, particularly for potato bugs, as they do not feed during the night. Apply with duster, bellows or gun. 10 to 40 lbs. is sufficient for an acre.

10 lb. packages, each 45 cts. 5 lb. packages, 25 cts.

LONDON PURPLE.—Very poisonous and equally as efficacious as Paris Green and more soluble in water.

Use in the same way as Paris Green.

Lb. 25 cts. 10 lb. lots and over at 20 cts. per lb.

If by mail, add 15 cts. per lb. for postage.

PARIS GREEN.—¼ lb. 10 cts. Lb. 35 cts.

By mail, 15 cts. extra for postage.

PURE WHITE HELLEBORE.—The cheapest and best preparation for destroying Rose Slugs, Currant Worms, etc.

½ pt. 10 cts. Lb. 35 cts. By mail, 55 cts.

LEMON OIL.—This new insecticide has had for some time a marvelous success in England; perfectly safe and harmless to the tenderest foliage and roots. It effectually destroys mealy bug by syringing or dipping. It also destroys scale, thrip, red spider, black and green fly, caterpillar, American blight, mildew, etc.

½ pt. 25 cts. Pt. 40 cts. Qt. 75 cts. ½ gal. \$1.25.
Gal. \$2.00. 5-gal. kegs, \$9.00. 10-gal. kegs, \$17.50.

FLOWERS OF SULPHUR.—For the prevention and destruction of mildew on roses and other plants. Apply with bellows or gun.

Lb. 10 cts.

N. B.—If by mail, add 15 cts per lb. for postage.

WHALE OIL SOAP.—Makes an elegant wash for trees and plants, kills insects on trees and bark; also destroys slugs on roses.

Cake, 10 cts. Lb. 15 cts.

Large quantities at special prices.

TOBACCO STEMS.—For fumigating greenhouses.

5 cts. lb. Large quantities, 3 cts. per lb.

TOBACCO DUST.—Largely used by market gardeners for destroying the cabbage fly and louse.

5 lbs. 25 cts.



INSECT POWDER BELLOWS.—This is the best article known for destroying insects in conservatory, garden or field.

No. 1, 3½ in. wide, 15 in. long, holds 2 oz. powder....	\$ 85
" 2, 4½ " " " 16 " " " 3 " " "	1 00
" 3, 5½ " " " 20 " " " 4 " " "	1 25
" 4, 7 " " " 24 " " " 8 " " "	1 75

CYCLONE POWDER GUN.

For Distributing Insect Powder. Price 15 cts.



11.



G Barrel 16 in. x 1½ in. diameter.



12.

BRASS GARDEN SYRINGES.—

No. 1, 1 Stream, 2 Sprays, 15x1½ inch..	\$2 00
" 2, 1 " " 2 " 18x1½ "	2 50
" A, 1 " " and Spray Rose, 12x1 inch	2 00
" 10, 1 " " " 2 " 18x1½ "	5 25
" 12, 1 " " " 2 " 14x1 "	3 25
" H, Full Length Spray Valve, 18x1½ "	2 00

THE MODEL MOLE TRAP.—This, while possessing all the good qualities of other traps, is especially adapted for setting under glass.

Price, \$1.75.

OUR NEW MOLE TRAP.—The cheapest good Mole Trap in the market.

Price, \$1.00.

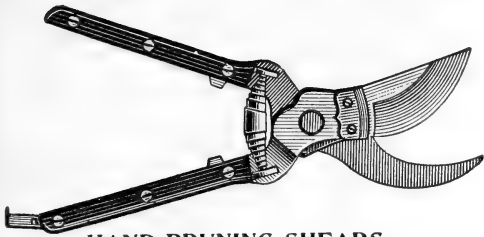


PORTABLE FOUNTAINS FOR POULTRY.—Cannot be overturned, and avoids the drowning of young chickens. Made of earthenware; always keeps a fresh supply of water before the fowls.

1 qt. 25 cts. ½ gal. 35 cts. 3 qt. 45 cts. 1 gal. 60 cts

ALL KINDS OF POULTRY SUPPLIES.

Horticultural Tools



HAND PRUNING SHEARS.

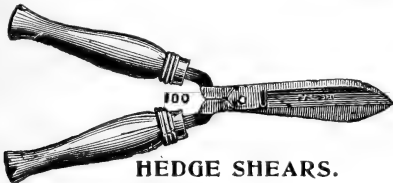
Ebony Handle Draw Cut Pruning Shears, with brass trimmings—the handsomest and best pruning shears ever placed on the market; it acts like a knife in the hands of an experienced person working with ease and leaving clean edges.

Price, \$2.50
 Hand Pruning Shears, with metal handles, most improved kinds, . . . 75c., \$1.00, \$1.25



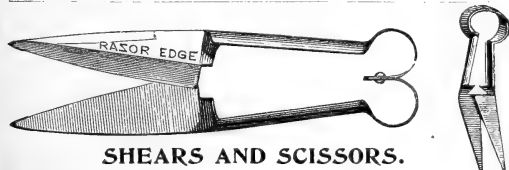
LOPPING SHEARS.

Baltimore Draw Cut Lopping Shears, . . \$2.50
 American Shears, small, 1.25
 English, large, 3.50
 English, extra large, 4.00



HEDGE SHEARS.

8 in., \$1.50; 9 in., \$1.75; 10 in., \$2.00.
 With Notch, 25c. extra.



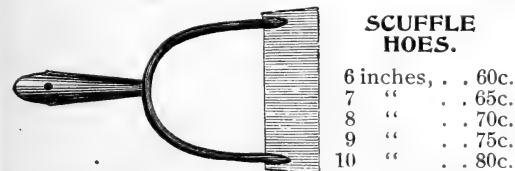
SHEARS AND SCISSORS.

Horse Shears and Scissors, . . . 50c., 60c., \$1.25
 Sheep Shears, 50c., 75c., 1.00
 Grass Shears, 50c., 75c., 1.00



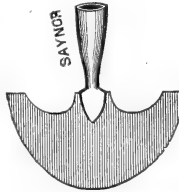
GRAPE SCISSORS.

Price, 75c.



SCUFFLE HOES.

6 inches, . . . 60c.
 7 " . . . 65c.
 8 " . . . 70c.
 9 " . . . 75c.
 10 " . . . 80c.



EDGING KNIVES.

9 inch American, . . . \$.50
 10 inch American,60
 8 inch English, 1.25
 9 inch English, 1.50



PRUNING KNIVES.

Prices, 50c., 75c., \$1.00

BUDDING KNIVES.

Price, 75c.



LIGHTNING HAY KNIFE.

Price, \$1.00



SCYTHES.

American, 65c., 75c.
 English T. Waldron, \$1.25
 Snath or handle, 35c., 50c., 75c.
 Scythe Stones, 5c., 10c., 20c.



GRASS HOOKS.

American, . . . 25c.
 German, 25, 35, 45c.
 English, . . . 50c.
 English Hedge Hook, . 60 to 75c.



GRASS EDGER.

Price, without wheel, \$3.00
 Price, with wheel, 3.50



SCYTHE STONES.

Price, 5, 10, 15 and 20c.



WATERS IMPROVED TREE PRUNER.

4 feet long, \$.85
 6 feet long, 1.00
 8 feet long, 1.15
 10 feet long, 1.25
 12 feet long, 1.50
 Extra Knives, 20c.



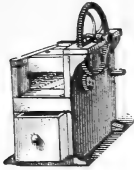
PRUNING SAWS.

Price, 80c.

TELEGRAPH TREE PRUNERS.

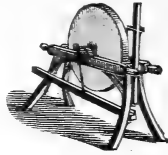
Price, \$1.25

ALL KINDS OF MACHINERY REPAIRED.



HORSE RADISH GRATER.

Price, \$6.50
With steel pin, 7.50



GRIND STONES. MOUNTED.

No. 1, \$4.50
No. 2, 4.00
No. 3, 3.50



POTATO PLOWS.

Price, \$8.00

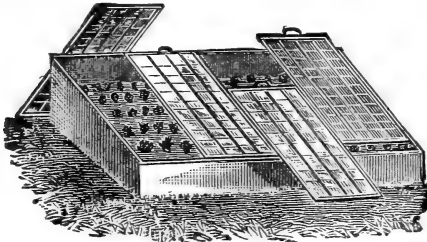


WATERING POTS.

50c. to \$1.50.
Special for Florists use,
\$1.75 and \$2.00

DIBBER.

For transferring Plants. By far the best thing for the purpose ever introduced. Price, \$1.00.



HOT BED SASH AND GLASS.



BANNER ROOT CUTTER.

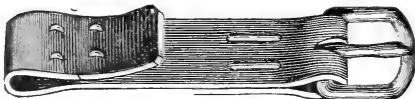
BANNER ROOT CUTTER.

List price, . \$12.00
Retail price, 10.00

GALE ROOT CUTTER.

Price, . . . \$11.00

"RAPID" HARNESS MENDERS.



Patented
February 2
1886.
March 27,
1888.

The finest way of applying a buckle known. Any part of a harness can be mended in a very short time—no riveting, no sewing to rot away, and no special tools required. Price, 25 cts., per gross; by mail, 35 cts.

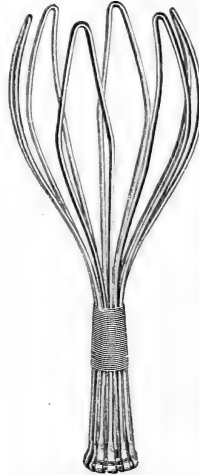


GIBBS' POST HOLE DIGGER.

PAT'D.

GIBBS' POST HOLE DIGGER.

The best post hole digger made . . Price, \$1.75



FRUIT PICKER.

Price, 50c.



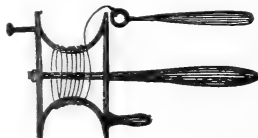
PUTTY BULBS.

Price, \$1.00
Price by mail, . . . 1.10



EXCELSIOR WEEDING HOOK.

Price, 10c.



GARDEN REELS.

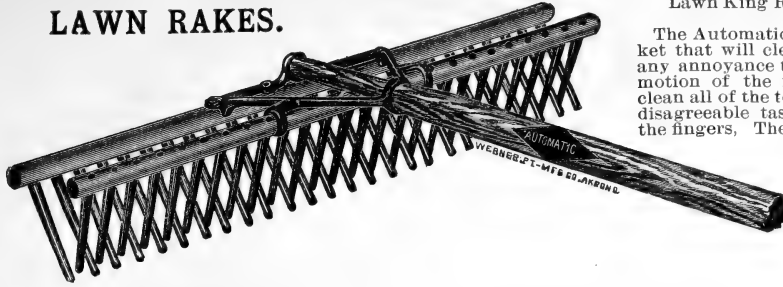
Price, 75c. to \$1.25



HAND WEEDER.

Steel, 30c.
Malleable, 10c.

AUTOMATIC SELF-CLEANING LAWN RAKES.

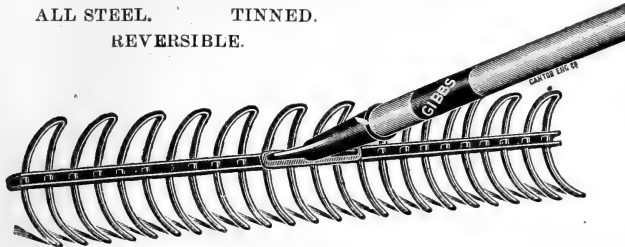


With 22 teeth.....75 cents.
With 26 teeth.....85 cents.
Lawn King Rake with 22 teeth.40 cents.

The Automatic is the only rake on the market that will clean itself from grass without any annoyance to the operator. A backward motion of the rake from the operator will clean all of the teeth at once, thus avoiding the disagreeable task of cleaning the teeth with the fingers. The teeth are made of best hickory, and will not tear the sod or grass. The Automatic has been thoroughly tested and has given excellent satisfaction.

“THE HUSTLER” LAWN RAKE.

ALL STEEL. TINNED.
REVERSIBLE.



up cut grass and the double teeth for leaves and rubbish. In either position a hood is had which gives more rake capacity.

The curve of the teeth is such as to run smoothly and rake clean without tearing the sod. They do not clog—a backward motion clearing all the teeth at once.

“The Hustler” is practically indestructible and can “Never Break”

No. 1—21-inch head, 24 Steel Wire Teeth
of No. 9 gauge75 cents.
Gibbs Lawn Rakes75 cents.
Canton Lawn Rakes50 cents.

“The Hustler” combines all the best points that go to make a perfect rake. One that is Light, Strong, neat and Cheap.

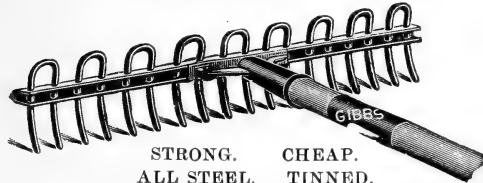
It is made with a steel head bent in the stiffest form, in which the teeth are securely held.

The Socket is strong and firmly fastened to head without the use of rivets.

The Rake is coated with Tin which gives a fine bright finish and will not rust nor become shopworn.

It is reversible, the single teeth for taking up cut grass and the double teeth for leaves and rubbish.

THE BOSS GARDEN RAKE.



STRONG. CHEAP.
ALL STEEL. TINNED.

The handles are of selected ash, all other parts being brightly Tinned, cannot rust or become shopworn. Its strong construction, excellent finish and low price wins favor at sight and makes it a ready seller.

No. 18—15 1/2-inch Head, 18 Steel-pointed Teeth .50 cents.
Boss 6-tooth Weeder.....25 cents.
This steel Garden Rake, while new, has been in use long enough to demonstrate fully its superiority.

It is light, well braced and very durable. Head is of steel, specially formed for stiffness and strength. The teeth are made from tough steel rods, and will not break, therefore are superior to forged teeth. They are solidly held in place.

The socket is firmly secured to head without rivets or weld. The double teeth extending above the head are for breaking clods and will pulverize the ground finer and more quickly than with any other rake.

It is also well adapted for small lawns as a lawn rake, for stable use and on gravel walks.

THE NEW GARDEN IMPLEMENT.—CLEVES' TROWEL.



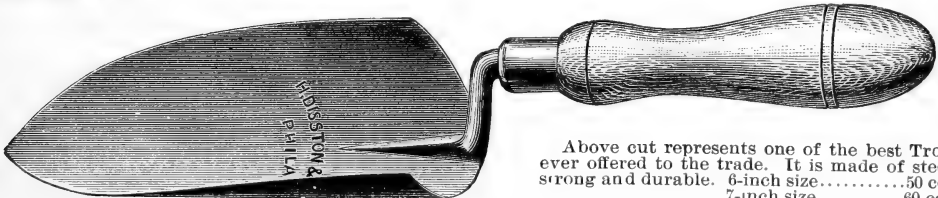
No. 1—“STANDARD,” 8-inch blade.....40 cents each.
No. 2—“MEDIUM,” 7-inch blade.....30 cents each.
No. 3—“DAISY,” 5-inch blade.....20 cents each.

other weeds from lawns; its slim blade, made strong by its angular form, being suited for prying and twisting. It has also found great favor among the ladies as a flower cultivator, for loosening the soil in pots, and among young plants for transplanting. The blade and shank are of one solid piece of best steel, set firmly in a nice handle.

For the Lawn—a Plantian Digger. For the Greenhouse—a Transplanter. For the Conservatory—a Cultivator. For the Garden—an all round handy digger. TRY IT.



This cut shows an all-steel trowel, very strong and durable, price 15 cents. If wanted by mail, add 10 cents each to above prices of trowels. Also quote cheap trowel 5 cents or 10 cents by mail.



Above cut represents one of the best Trowels ever offered to the trade. It is made of steel, is strong and durable. 6-inch size.....50 cents.
7-inch size.....60 cents.

EUREKA HAND WEEDER.



This very handy and useful little implement is the best hand weeder yet put upon the market, and is a great improvement on the clumsy weeders made of malleable iron heretofore offered. The tines are made of the best forged steel, sharply pointed and will not break. It will do very effective work in deep cultivation of rose and carnation beds and in all other work for which a hand weeder is necessary. Price, 25c. each. Price with long handle, 35 cents.

Prices of Baltimore Regular Mowers.

	Retail Price.	List Price.		Retail Price.	List Price.
10 inch	\$3.50	\$13.00	14 inch	\$4.50	\$17.00
12 "	4.00	15.00	16 "	5.00	19.00

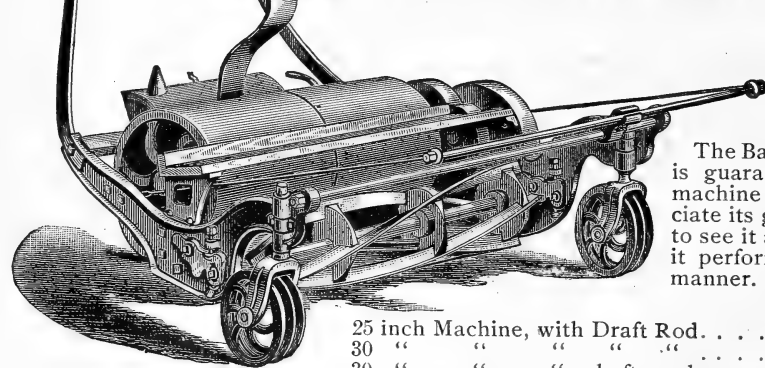
This cut represents the Baltimore Hand Mower. This machine has an open cylinder, is made strong and durable, and is constructed in such a way as to make it a particularly light running Mower, is made of best possible material, is nicely finished and a first-class machine in every respect.

The tendency to make cheap goods to sell at a low price has induced a number of manufacturers to make cheap lawn mowers, and the people who buy one very cheap mower rarely ever buy another. A lawn mower should be carefully made and nicely adjusted in order to do first-class work, and when we consider that the manufacturers of high class mowers are each year increasing their output, in the face of all the low priced machines on the market, we feel that there are a number of buyers who will have a good article.

In our line of these goods we do not confine ourselves to the Baltimore exclusively, but carry all of the best known mowers. It may be economy to buy some classes of cheap goods, but, after considering the matter, almost any thoughtful man will at least draw the line at low priced machinery of any kind. The annoyance of having the machines constantly breaking down, the cost of repairs and the fact that poor goods will, at best, last but a short time are worthy of consideration.



"THE BALTIMORE" HORSE LAWN MOWER



The Baltimore Horse Lawn Mower is guaranteed to be equal to any machine made; in order to appreciate its good points it is necessary to see it at work on the lawn, where it performs in a most satisfactory manner.

	Retail Price.	List Price.
25 inch Machine, with Draft Rod	\$ 45.00	\$ 65.00
30 " " " " "	65.00	100.00
30 " " " shafts and seat	70.00	110.00

Less \$5.00 on each Horse Mower for cash from retail price.

We make a specialty of repairing Lawn Mowers, for which purpose we employ efficient mechanics, and in this way become thoroughly acquainted with the construction of all machines on the market, therefore, when you buy a *Lawn Mower*, be sure to select one for which you can get repairs. The Baltimore is just such a machine.

Lowest prices on Pennsylvania, Excelsior and Calowell Horse Lawn Mowers on application.

HORSE BOOTS FOR USE ON LAWNS, PER SET, \$9.00

Hampton, Va., May 2, 1893.

Griffith, Turner & Co., Baltimore, Md.

Gentlemen:—The hand and horse Lawn Mowers purchased of you this season are doing very good work. The appearance of our lawns has improved since the machine arrived. The mechanism for setting and holding the knives in place is a great improvement over that of the mowers we have used heretofore.

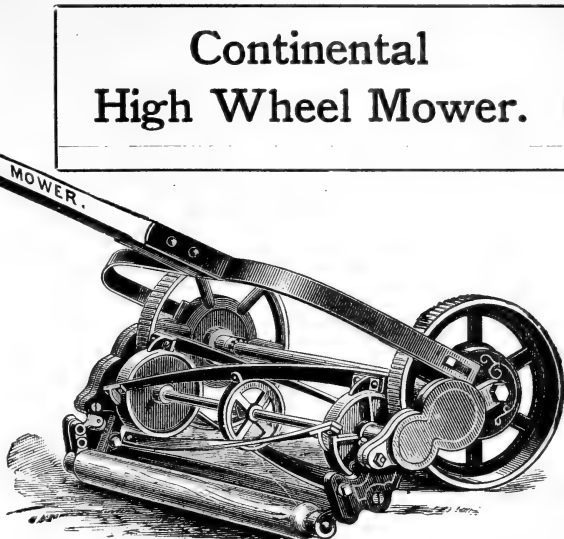
The Hand Mower especially is an improvement over any Mower I have used. The design lightness and ease of running are all that could be expected in a perfect hand Lawn Mower.

Very sincerely yours,
C. L. GOODRICH.

ALL KINDS OF MACHINERY REPAIRED.

Continental High Wheel Mower.

A distinct type of machine in popular favor. Owing to the demand for a High Wheel Mower for uneven lawns, we have secured what we consider one of the best machines of the kind made. Every customer is more than satisfied with the Continental. In use at Patterson Park and on the lawns of Messrs. Robert Garrett, William H. Whitridge, R. B. Smith, German H. Hunt, Edward A. Griffith, at Church Home, the Woman's College of Baltimore City and many others.



Splendidly built.

A full stock of machines and repairs always on hand.

Write for special circulars and prices.

Retail prices: 15 inch, \$11.50; 17 inch, \$13.00; 19 inch, \$14.50; 21 inch, \$16.00
List prices: 15 inch, \$25.00; 17 inch, \$28.00; 19 inch, \$31.00; 21 inch, \$34.00

PENNSYLVANIA HIGH WHEEL MOWER

Retail prices: 15 inch, \$10.00; 17 inch, \$11.50; 19 inch, \$12.50; 21 inch, \$14.00
List prices: 15 inch, \$25.00; 17 inch, \$28.00; 19 inch, \$31.00; 21 inch, \$34.00

• • • HORSE BOOTS FOR USE ON LAWNS, Per Set, \$9.00. • • •

PHILADELPHIA HAND AND HORSE LAWN MOWERS

PHILADELPHIA HAND MOWER.

Simple in construction; durable and light running—therefore cheap. Full stock of Machines and Repairs always on hand. This is a favorite, and always pleases the buyer. Write for special circular.



Prices Style M, or Solid Cylinder.

Style S, or open Cylinder.

Retail price.	List price.	Retail price.	List price.
10 inch..\$4.50	\$13.00	14 inch..\$6.25	\$17.00
12 inch.. 5.00	15.00	16 inch.. 7.00	19.00
14 inch.. 5.50	17.00	18 inch.. 7.75	21.00
16 inch.. 6.25	19.00		
18 inch.. 7.00	21.00		

30 inch Phila. Horse Mower with draft rod, \$60.00.
30 inch Mower with shafts and seat, \$70.00.

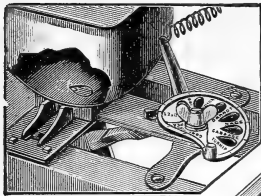
Maryland Lawn Mowers.

A GOOD MACHINE AT A MODERATE PRICE.

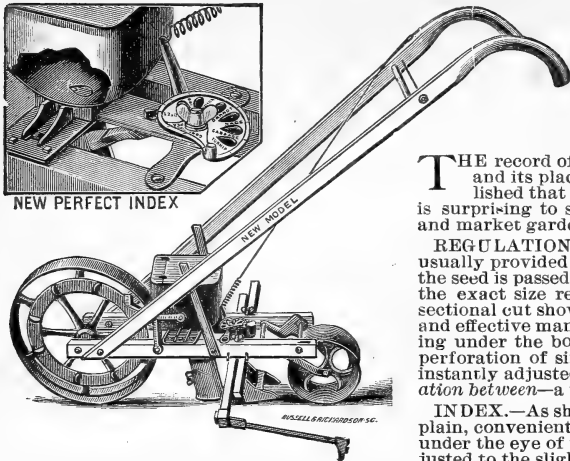
10 inch Mower,	\$2.50
12 " "	2.75
14 " "	3.00
16 " "	3.25



ALL KINDS OF MACHINERY REPAIRED.



NEW PERFECT INDEX



The "New Model" Seed Drill.

One of the most perfect Drills in America.

PRICE, - - - \$6.50.

THE record of the "New Model" has been so entirely satisfactory, and its place as one the leading drills has become so firmly established that we are almost tempted to discard the term "New." It is surprising to see how quickly it has been adopted by the seedsmen and market gardeners as an old friend.

REGULATION OF DISCHARGE.—Drills of similar construction are usually provided with a series of holes of varying sizes through which the seed is passed, which, of course, do not always give an opening of the exact size required. As will be readily seen, by reference to the sectional cut shown, this adjustment is accomplished in a very simple and effective manner by use of a slide with a pear-shaped opening, passing under the bottom of the seed reservoir, which is provided with a perforation of similar shape in a reversed position. This slide can be instantly adjusted to size indicated by Index, or to a *hair-breadth variation between*—a vital point in a perfect seed drill.

INDEX.—As shown by enlarged cut below, the Index or Indicator is plain, convenient and reliable. It is placed in open sight immediately under the eye of the operator, and, as stated above can be quickly adjusted to the slightest variation desired. As the names of the principal

seeds are plainly shown on the Index itself, it is not necessary to refer to any table of reference.

CUT-OFF.—The flow of seed can be instantly stopped by a *swinging* cut-off, conveniently operated by a cord and ring on handle. This cut-off prevents all loss of seed at end of rows, and its swinging or gravity form will be found far preferable to one that slides under, as it cannot be jammed by the falling seed.

MARKER.—Is simple, easily adjusted and firmly held.

BROAD WHEEL.—The main wheel is of large size and of *unusual* width, preventing its sinking into soft earth.

COVERING ROLLER.—Is attached by swinging frame, enabling operator to roll lightly or otherwise, by varying the pressure on handles; or, as some object to use of roller, it, with its frame, can be quickly removed.

OPENING PLOW.—Is of steel, adjustable in depth.

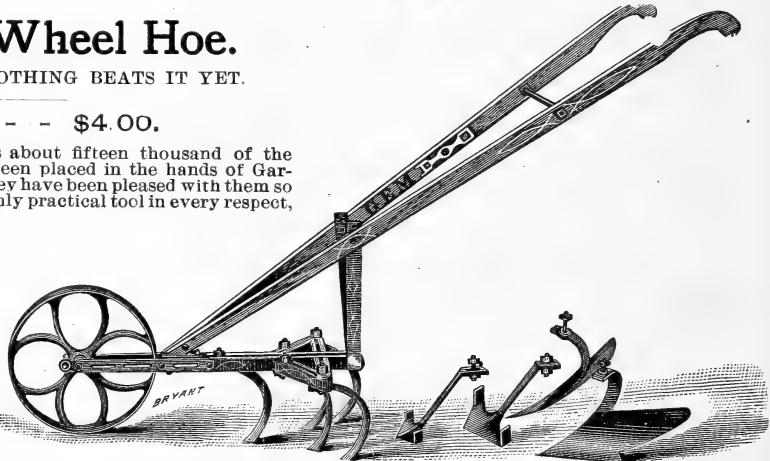
HANDLES.—Firmly bolted, braced and adjustable in height.

The Gem Wheel Hoe.

AN OLD TOOL, BUT NOTHING BEATS IT YET.

PRICE, - - - \$4.00.

DURING the last few years about fifteen thousand of the Gem Wheel Hoes have been placed in the hands of Gardeners and in every case they have been pleased with them so far as we know. It is a thoroughly practical tool in every respect, made largely of steel and malleable iron. The Gem is nicely finished and makes a handsome implement. A wrench accompanies each tool.



The Jewel Wheel Plow

PRICE, \$2.00.

Malleable Iron and Steel. Very light and convenient. A grand little tool for the garden.

The "Jewel" Double Wheel Hoe, Cultivator and Plow Combined.

PRICE, \$4.50.



IN these days of "intense" farming—with a liberal use of fertilizers and close planting of crops—economy demands the use of Wheel Hoes, not only in the small garden plot, but in the larger field as well.

Economy, in the expenditure of manual labor, likewise demands that Wheel Hoes shall be constructed in such a manner and of such material as to insure *lightness* together with great strength. Ordinarily they are made of cast iron, and in the attempt to produce a tool sufficiently light, constant disastrous breaks while at work are the sure results. To accomplish the one and avoid the other, the entire frame of the "Jewel" Hoe is made of the best *malleable* iron, making an exceedingly light tool and one pleasant to handle, at the same time giving an almost absolute security against breakages. The "Jewel" is capable of being quickly adjusted in depth or width of working, or height of handles. As shown in cut, it is provided with four slender stirring teeth, each one made of one piece of steel, unexcelled for thorough work, especially on hard soil; one pair of side hoes, particularly intended for use among small plants; also a pair of plows for throwing to or from the row, or for opening furrows. The standards of these hoes and plows are of malleable iron—no cast iron.

THE "JEWEL" DOUBLE WHEEL HOES are carefully made, handsomely finished, and weigh but 22 lbs., each complete.

Matthews New Universal Model Garden Drill.

ONE OF THE STANDARD DRILLS OF AMERICA.

Simple in Construction.

Neat in Design.

Efficient in Operation.

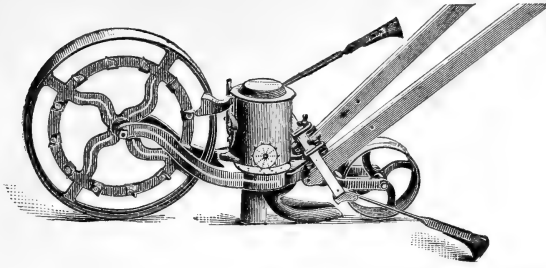
NONE BETTER CAN BE SECURED.

Medals and testimonials confirming the superiority of the "Matthews" have been repeatedly bestowed upon it from all quarters, and as it has been improved from time to time it has always been acknowledged

One of the Most Perfect Drills Made.

The present form is the neatest and simplest yet produced, and cannot fail of proving an even more popular modification of this reliable drill.

Retail Price, \$6.50. List Price, \$9.00.



Matthews New Universal Model Hill and Drill Seeder.

This implement is the same in style and working qualities as the one just described, but is arranged so as to drop the seed either continuously in drills or at distances of 4, 8, 12, 16, 24 and 48 inches apart. The adjustment from drills to hills is made by one screw in attaching a brass cut-off to the agitator. The distance apart is regulated by the number of cogs on the driving wheel against which the agitator strikes. The seed cannot drop except when the hole in the bottom of seed box is opened by the agitator striking a cog on the wheel, and it immediately closes again as the agitator drops. This saves seed, as no more need be dropped at a time than is desired, no matter what the distance may be. There are no parts to wear or get out of order. If this implement is wanted be sure and order the "Hill and Drill Seeder," as the regular garden drill cannot be fitted with the attachments.

Retail Price, \$7.50. List Price, \$10.00.

Matthews New Universal Model Combination Drill.

DOUBLE WHEEL, WITH HOE, CULTIVATOR, PLOW AND RAKE ATTACHMENTS.

Retail Price, \$9.00. List Price, \$12.50.

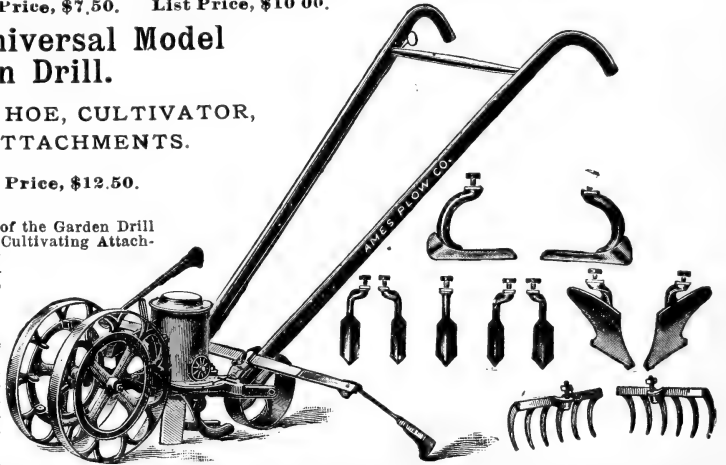
This is not only a desirable combination of the Garden Drill already described with the New Universal Cultivating Attachment, but it has the advantages of having either a double wheel or single wheel implement at will, the change from one to the other being readily made.

The use of a one wheel seed sower insures the nicer work, as if two wheels are used an obstruction under one wheel or the other has a tendency to crook the rows, and this makes after cultivation harder. The operator always has a one-wheel seeder under full control, and in addition the single wheel follows in the mark made when planting the previous row and prevents a sight to keep the rows straight.

The two wheels are desirable, however, when used as a cultivator or wheel hoe as in this way the rows of young plants may be straddled and the cultivating done on both sides of the row at one passing. The special feature of this implement is that when used in straddle-row cultivation there is no projection below the frame to interfere with plants. The seeding and covering attachments can be readily removed when the implement is used for cultivating. It is not necessary to remove the seed box, but it can be taken off if desired. The combination is one which cannot fail of recommending itself to all. The attachments are—

ONE (1) PAIR HOES.
ONE (1) " RAKES.

FIVE (5) CULTIVATOR TEETH.
ONE (1) PAIR PLOWS.



Extracts from Prof. S. B. Green's report in Bulletin No. 38 of Minnesota Experiment Station, as published in the "Market Garden" for March, 1895.

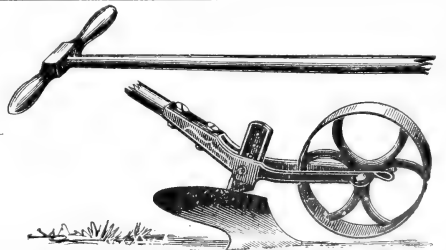
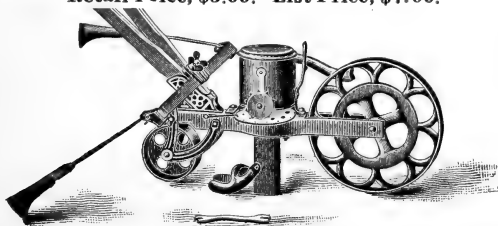
"During the past year I have made a special study of garden implements best adapted for garden use. The (New Universal) Combination Drill and Cultivator is arranged to use either one or two wheels. The indicator is very simple in construction and easily handled. The agitator is sure to keep the seed moving through constantly. The depth of sowing can easily be regulated. The marker is well adapted for giving a clean track for successive rows, and is easily changed to different widths. A convenient cut-off is provided to use when turning at the ends of the rows to prevent loss of seed. The change from the drill to the cultivator can be made very quickly. For working the soil it has hoes, plows, rakes and cultivator teeth of good shape and size. It can be used successfully to open or close furrows. The machine is adapted to working on both sides of a single row with two wheels or between the rows. The manufacturers recommend for market gardeners instead of this combined implement separate implements to save the time of changes.

"The New Universal hand double wheel hoe, cultivator and plow is an implement of recent introduction, having all the latest improvements. It contains a handy feature in the adjustable arch by which the depth of the cultivator teeth may be regulated. It may be used to work between the rows or to straddle one row.

Matthews Garden Gem Drill.

Retail Price, \$5.00. List Price, \$7.00.

This has been perfected to meet the demand for a low-priced drill. We have not only accomplished this in our design, but here offer a drill with all the essential qualities of the Matthews principle, even to embodying the Dial and Indicator, from exactly same patterns as those used on the larger and more expensive drills. We do not recommend it for use instead of the larger drills, but we are sure that all in want of such a drill as we represent this to be will find it to their advantage to buy the Matthews Garden Gem. This drill does not have the new seed cut-off, but the agitator can be checked same as in the larger drills.



New Universal Hand Wheel Plow.

Retail Price, \$2.00. List Price, \$2.50.

This little labor-saving implement is one that commends itself to all gardeners. It can be used to prepare the ground, to furrow out, to cover, and to cultivate. The mould board is of steel, polished and tempered.

ALL KINDS OF MACHINERY REPAIRED.

NEW UNIVERSAL HAND DOUBLE WHEEL HOE, CULTIVATOR, PLOW AND RAKE.

Specially designed for working both sides of the row at one passing.

THIS new hand implement embraces all the good points of older efforts in the same line, and in addition offers new features which cannot fail of appreciation. The special recommendation is the *Adjustable Arch* by which not only the *depth* of work can be gauged, but which by an ingenious device enables the teeth to be pitched at any angle desired.

It can be pushed straight ahead, but better results are obtained by using it same as a scuffle hoe, with successive strokes of length to suit the nature of soil and crop.

It can be used either astride of or between rows.

TO WORK BOTH SIDES of row at one passing, the attachments can be set to suit width of crop to be cultivated, keeping row midway between wheels; no need to watch the teeth.

THE HOE BLADES can be set to turn in or out as desired by the operator.

THE CULTIVATOR TEETH. Four are furnished with each. Two cultivator teeth can be used at desired width to mark out rows.

THE PLOWS. For furrowing they can be set close together and turn outward.

For covering, set to width desired and turn inward

THE RAKES. For fine cultivation and other uses of an ordinary rake. They can be set angling or straight across.

THE DEPTH can be regulated by adjusting wheel arms in the three holes provided on each side of Arch.

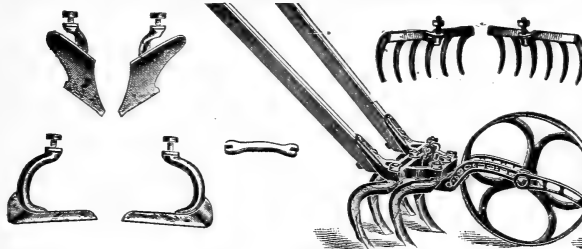
The depth can also be regulated by pitching the Arch by means of the Arch brace and the thumb bolt where it connects to lower handle brace.

THE LEAF GUARDS are to prevent wheels from injuring large spreading foliage.

Retail Price. \$5.50. List Price. \$6.00.



NEW UNIVERSAL HAND SINGLE WHEEL HOE, CULTIVATOR, PLOW AND RAKE.



THIS is also an improvement over other tools of this type. As with the *Double Wheel Hoe* just described, it can be used either between or astride the rows, although it is really intended for between row cultivation. For straddle cultivation the wheel can be set to one side so as to bring the row of *young plants* under center of frame. Later cultivation must be done between rows.

The adjustment for graduating the depth of cultivation is unique and readily accomplished. The attachments are one pair hoes, five cultivator teeth, one pair plows, one pair rakes and one vine or leaf guard.

Retail Price. \$4.50. List Price, \$6.50

NEW UNIVERSAL "FLIER" HAND SINGLE WHEEL HOE, CULTIVATOR AND PLOW.

THIS implement is same as our regular Single Wheel Hoe, except that at this price fewer attachments are furnished. They are one pair hoes, three cultivator teeth and one large plow. If this style is wanted, be sure and order the "FLIER."

Retail Price. \$3.75. List Price. \$5.50.

THE "VICTOR" Garden Cultivator.

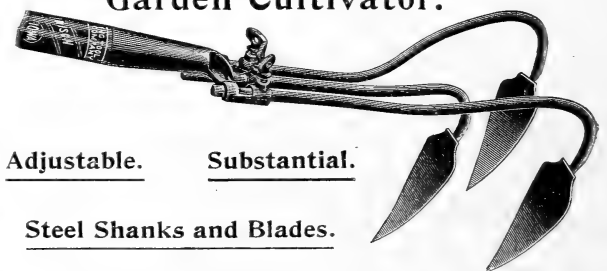
GRACEFUL in lines—mechanically true in proportion, fit and workmanship. No expense is spared to make it

The Best of its kind.

The socket head is of an extra grade of malleable iron, the shanks and blades are steel and by means of the thumb screw can be adjusted to suit the operator.

PRICE.

"VICTOR" CULTIVATOR complete on 5-ft. handles, with 3x5-in blades on shanks, each \$ 1.75.



Adjustable.

Substantial.

Steel Shanks and Blades.

A
SPECIALLY
GOOD
THING,
TRY IT.
PRICE,
50 CTS.

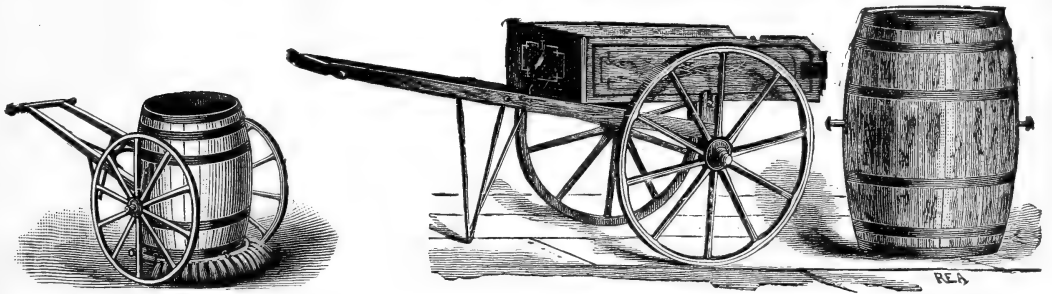
KRETSINGER Cut-easy-Hoe



DO YOU SEE THAT EDGE

ALL KINDS OF MACHINERY REPAIRED.

Combination of Barrel, Truck, Hand Cart, Sprinkler and Barrel Force Pump.



PRICES.

Water Truck	\$ 6.75
Water Truck and Barrel	9.00
Water Truck and Box	9.00
Water Truck, Barrel and Box	10.00
Force Pump Attachment	6.00
Sprinkling Attachment	3.00
Leaf Racks	4.00

For 2½-inch tires on trucks, add to the above prices \$1.50. For 4-inch tires on trucks, add to the above prices \$2.00.

When we consider the almost innumerable uses to which the Combined Truck and Hand Cart can be applied, its handiness, and the immense amount of time and hard labor saved by its use, it is not a matter of surprise that it is steadily growing into favor. It is one of those articles that causes the user to wonder how he ever did without it, as it really becomes indispensable when once used.

The barrel is raised from the ground, carried to the place desired and instantly detached, all without handling. The weight being balanced over the axle, no lifting or down pressure is needed in transportation.

Other barrels for various purposes can be used as needed, extra trunnions being furnished, if desired, which can be readily attached to any oil or spirit barrel, thus increasing indefinitely the value of the truck.

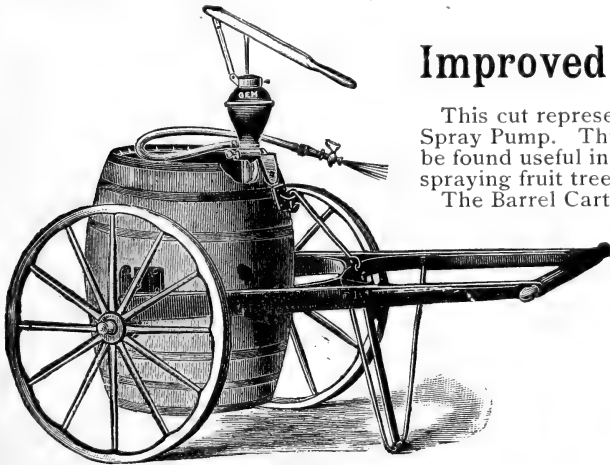
We have wheels of 1½, 2½ and 4-inch tread, but always send truck with wheels 1½-inch tread, unless otherwise specified.

We also supply a box, with trunnions and spring catch, making a very superior dumping Hand Cart. Very stiff, compact, handsome and low in price. Furnished with or without barrel or box, as ordered. A first-class force pump, sprinkling attachment and leaf rack furnished as attachments. Just the thing for washing windows and carriages and for spraying trees; also for sprinkling lawns. The leaf rack is a very useful article for moving leaves, etc. from the lawn.

Improved Barrel Watering Cart.

This cut represents our Barrel Cart, with "Gem" Brass Spray Pump. This is a convenient combination, and may be found useful in various ways; such as watering gardens, spraying fruit trees, etc.

The Barrel Cart and Pump may be ordered separately and arranged together to suit the purchaser. The Barrel Cart may be wheeled about when filled with water to supply sprinkling cans for watering flowers and vegetable gardens. When the running gear or truck is ordered without barrel, the trunnions may easily be fastened to any good water-tight barrel by any person with ordinary mechanical ability.



"GEM" SPRAY PUMP WITH BARREL CART.

SIZES AND PRICES.

Running Gear only, without barrel or pump	\$ 6.75
Barrel Cart complete, with barrel and pump	15.00
Price of Plain New Barrel	2.25
Price of Plain Pump	6.00
Price of Sprinkling Attachment	3.00
Price of Leaf Racks	4.00



BUCKET BRASS SPRAY PUMP and FIRE EXTINGUISHER, with AGITATOR.

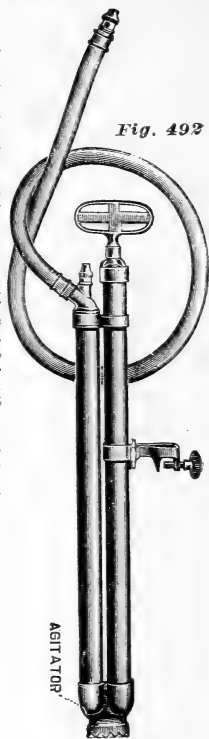
Fig. 476



THIS spray pump is constructed entirely of brass, a material that is not affected by the poisonous arsenites used in different formulas for spraying fruit trees, vines and shrubbery. It is so arranged that the labor of pumping is all done on the downward stroke of the piston and nothing on the up, and the fact that it is not necessary to steady the pump with a foot rest, makes it very easy to operate, and gives it extraordinary power. The effect of this operation while pumping is to hold the pump down, and it is not necessary to use a foot rest or in any way steady the pump while in operation except by means of a small clamp which attaches to the top of the bucket or tub and steadies the pump, holding it in proper position.

It is provided with a large air chamber, and has a ball valve at the bottom between the cylinder and the air chamber, whereby the pressure is held uniformly in the air chamber and on the hose so that the nozzle throws a continuous spray, and is not affected by the movement of the plunger. The operator is enabled to keep a constant pressure on the nozzle of from 50 to 100 pounds with very ordinary exertion. It will throw a solid stream 50 feet and is of unusual value for washing windows, buggies, and extinguishing fires, sprinkling lawns, flowers, etc. For spraying it is arranged so as to discharge a fine jet in the bottom of the bucket and keep the solution thoroughly mixed and agitated, a feature peculiar to this pump only and a very necessary feature to a spray pump. The pump is also provided with a sprinkler for flowers.

Fig. 492

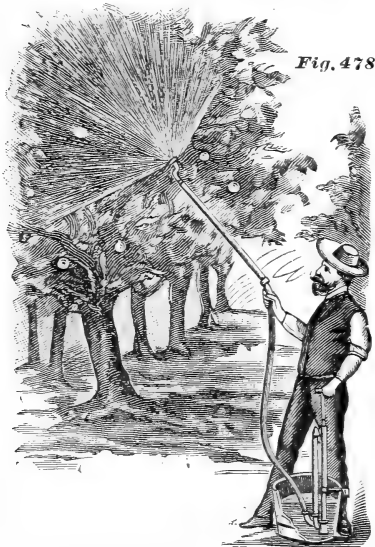


Price List of Fig. 492.

Retail Price. List Price.

No. 320—Bucket Brass Spray Pump with Agitator, complete with hose and Myers' combination fine, coarse, spray and solid stream nozzle.....	\$3.50	\$5.50
No. 821—Bucket Brass Spray Pump with Agitator, complete with hose, Myers' combination fine, coarse, spray and solid stream nozzle and an 8-ft. pipe extension.....	4.00	6.00
For Vermorel or Bordeaux nozzles, on either of the above pumps, add to list.....	.35	.50

Fig. 478



THE LEVER BUCKET SPRAY PUMP.

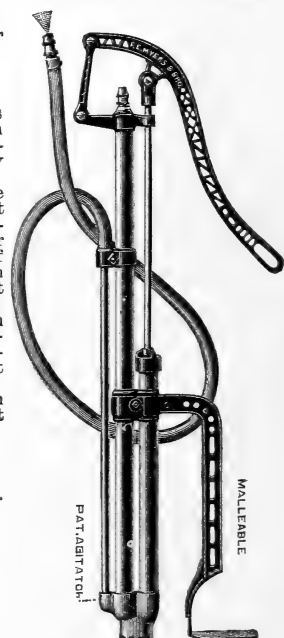
Notice the Lever and Patent Agitator
Observe their Advantages.

In the above we offer to our friends a Brass Bucket Spray Pump with more real advantages than are contained in any other make of Spray Pump now on the market.

It has all the advantages of the ordinary Barrel Pump and Bucket Pump combined and is sold at a moderate price. Has one-half more air chamber than any other make of Bucket Pump. Is made of Brass with Ball Valves. Handle and Foot Rest are Malleable Iron.

The work is all done on the down stroke of the handle and can be operated with one-third the power required for any other old style Bucket Spray Pump.

It is no experiment. It has been thoroughly tested and is an excellent seller.



Price List of Fig. 632.

Retail Price. List Price.

No. 324—The Lever Bucket Brass Spray Pump with Agitator, complete with hose and Myers' combination fine, coarse, spray and solid stream nozzle.....	\$4.25	\$6.50
No. 324 A—The Lever Bucket Brass Spray Pump with Agitator, complete with hose, combination fine, coarse, spray and solid stream nozzle, and an 8-ft. pipe extension.....	5.00	7.00
For Vermorel or Bordeaux nozzles, on either of the above pumps add to list.....	.35	.50



Fig. 547

Knapsack Spray Pumps.

FOR ORCHARD, VINEYARD OR GENERAL USE.
A Convenient Outfit with which from 4 to 6 Acres of Vines can be Covered in One Day.

FIG. 547 represents the Knapsack Spray Pump. The tank holds five gallons, is fitted with lid and strainer, which can be removed.

The pump is our regular Brass Bucket spray Pump (described on page 62) with large air chamber, ball valves, solid plunger and agitator. We wish to call attention to the fact that this is the only Knapsack outfit on the market with an agitator.

It is so arranged that no water can drip on the operator. The pump can be removed easily. The pump is also fitted with handle so the operator can use it the same as our tank with bucket pump, viz: set the knapsack on the ground and work pump with handle. Can be carried by hooking snap in staple on the opposite side, provided for that purpose, making a neat handle, as shown by dotted lines.

The handle lever can be shifted from right to left shoulder at will.

PRICE LIST, REPRESENTED BY FIG. 547.

- No. 330—The Knapsack Spray Pump, fitted with 5 feet of 1/2-inch hose, pipe extension and Bordeaux spray nozzle, which can be graduated from a fine mist spray to a solid stream, or shut off entirely.
- | | |
|-------------------|---------|
| Retail price..... | \$ 7 00 |
| List price..... | 10 00 |
- Any other nozzle furnished with these pumps when ordered. 4

The Perfect Knapsack Spray Pump.

MADE WITH COPPER TANK.

The Perfect Knapsack Spray Pump is identically the same as Fig. 547, with the exception that the tank on the Perfect Sprayer is constructed entirely of copper.

PRICE LIST.

- No. 331—The Perfect Knapsack Spray Pump, complete, with hose, stop-cock, pipe extension and Bordeaux nozzle, as shown in Fig. 547.
- | | |
|-------------------|---------|
| Retail price..... | \$12 00 |
| List price..... | 16 00 |

A first-class outfit at a reasonable price.

The Fountain Spray Pump.

For Spraying Potatoes, Cotton, Trees and Vines with Paris Green, London Purple or any soluble mixture.



Fig. 600.



Fig. 602.

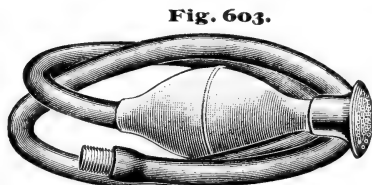


Fig. 603.



Fig. 599.

Holds five Gallons, weighs fifty-two Pounds when full. All Working Parts are Brass.

FIG. 599 represents the Fountain Knapsack, which is constructed of first quality galvanized iron, with round corners, built precisely the same as the regular Knapsack with removable strainer and tight lid which prevents liquid from splashing on operator. It is fitted with adjustable straps so as to be carried on the back, or it can be carried by ball as shown by dotted lines.

It is tapped at both right and left hand lower corners and fitted with brass female ends to which hose is attached, either one or two strings of which may be used at one time. When one hose only is used the other opening is closed with a metal plug furnished for that purpose.

THE HOSE AND BULB are made of the best white rubber and protected at each end by coiled wire to prevent breaking.

THE VALVES are made of brass and will not corrode; have large openings which permit the free flow of water and shut off instantly when under pressure.

THE NOZZLE is made of brass, nickel-plated; has fifty small openings, and throws a spray six feet wide at a distance of twelve feet.

OPERATION: The pump is operated by grasping the bulb in the hand and compressing it, which causes a spray to be thrown any distance from three to fifteen feet, as desired; on relaxing the pressure on bulb it expands, refilling instantly, when the same operation can be repeated. To shut off flow of water entirely, use valve on hose for that purpose.

The operator can cover one or two rows of plants or vines as desired, and do the work at a rapid walk, thus covering a large amount of territory in a very short time.

We furnish this hose and fixtures to be attached to a barrel or tank placed on a wagon. This is desirable when spraying large fields of cotton or potatoes.

CAUTION: Always mix Paris Green or London Purple in a separate vessel, forming into a paste before adding the water. In this way everything will be dissolved and will not need to be agitated.

PRICE LIST.

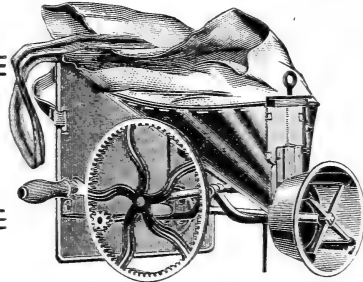
- | | | |
|--|-------------------|--------|
| No. 332—Fountain Knapsack Spray Pump, with one tube, rubber bulb and rose, as shown in Fig. 599. | Retail price..... | \$3 50 |
| List price..... | | 5 50 |
| No. 333—Fountain Knapsack Spray Pump, with two tubes, rubber bulbs and roses, to work with both hands. | Retail price..... | 5 00 |
| List price..... | | 7 50 |
| Extra tube, rubber bulb and rose. | Retail price..... | 1 50 |
| List price..... | | 2 00 |

CAHOON PATENT BROADCAST SEED SOWER.

For Sowing Wheat, Oats, Hemp,
Barley, Rye, Buckwheat, Grass Seed, Rice, etc.

SPECIAL GATE

FOR GRASS SEED.



STRONGLY BUILT,

LASTS FOR YEARS.

PRICE, \$3.50.

Sows from four to eight acres per hour at an ordinary walking gait, throwing wheat about forty feet wide. Warranted to give perfect satisfaction and save their cost in a very short time.

The acknowledged superiority of these machines has already placed them in the front rank of labor-saving implements. A saving of four-fifths of the labor and one-third of the seed is effected by their use, and a person entirely unused to sowing by hand can use this machine with perfect success.

To sow thicker or thinner without changing the slide.—Having set the index to sow the desired quantity per acre—taking the average of the field—the operator can easily sow a little *thicker* upon those places where the *soil is richer* by taking *shorter steps*, and thus *not going so fast*, and upon the *proper spots of ground* it can be sown *thinner* by taking *longer steps*, and consequently passing more rapidly forward.

About Sowing in the Wind.—Any one familiar with the use of the machine can sow satisfactorily in a much stronger wind than will admit of sowing well by hand; but as the ordinary work of a day can easily be done with the Sower in two or three hours, that time may be chosen early in the morning or late in the evening, when it is usually calm, or nearly so.

For Sowing in Standing Corn the machine will be found of the greatest utility—nothing can ever equal it for this purpose—but will not sow as wide as on fallow ground in consequence of the obstruction which the corn offers to the seed. A broader lap is therefore required, by making the passages near together. (*See directions.*)

The breadth of the cast will be according to the weight of the seed. The heavier the seed, the greater the distance to which it is thrown. The passages ordinarily should be as follows:

Wheat and Rye, 30 to 36 feet

Barley, 27 to 33 feet.

Hemp, 27 to 30 feet.

Oats, 21 to 25 feet.

Clover, Millet, Hungarian Seed, 20 to 24 feet.

Timothy, 15 to 18 feet.

Directions for Gauging the Machine.

The large gate is to be used when sowing grain, and the small gate in the larger one for grass seed only.

First *close the slide or gate tight*, then fix the *lower edge of the index point* against the scale of inches on the *slide* for the different seeds, as follows:

For Wheat and Rye.—To sow two bushels to the acre, at 1 inch. To sow one and a half bushels to the acre, at $\frac{3}{4}$ of an inch.

For Barley—To sow two bushels to the acre, at 1 inch. To sow one and one-eighth bushels to the acre, at $\frac{3}{4}$ of an inch.

For Hemp.—To sow one bushel to the acre, at $\frac{1}{2}$ an inch. To sow one and a quarter bushels to the acre, at $\frac{3}{8}$ of an inch.

For Oats.—To sow two bushels to the acre, at $1\frac{1}{2}$ inches. To sow one and a half bushels to the acre, at $1\frac{1}{4}$ inches.

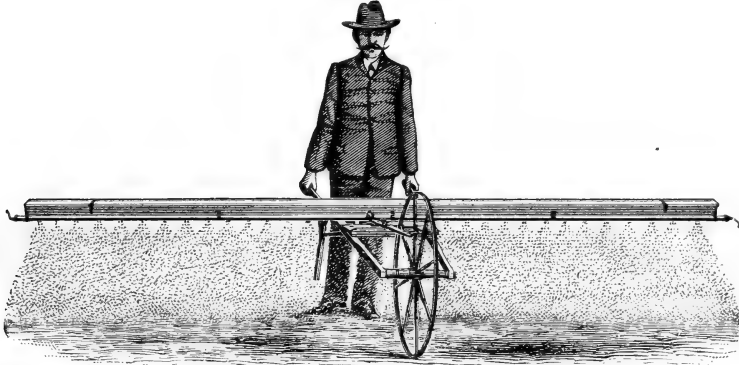
When ready to sow, *first commence turning*, and with the *left hand* raise the slide until the *nib* on the slide comes against the *index point*. Be careful to *walk and turn*, as above directed. *To close the slide*, do it with a *quick pressure of the left hand*.

To sow *Wheat or Rye in standing corn*, two bushels to the acre, set the *index* at $\frac{5}{8}$ of an inch, and sow five or six rows at a time, according as they are *wide or narrow*.

For Grass Seed.—To sow one peck of grass seed to the acre, raise the small gate $\frac{3}{8}$ of an inch; half a bushel, $\frac{5}{8}$ of an inch.

Thompson's Clover and Grass Seeder.

SOWS 12 OR 14 FEET WIDE, ANY AMOUNT DESIRED PER ACRE. WILL SOW 20 TO 25 ACRES PER DAY.



FEATURES.

This Grass Seeder is simple, without gearing, cams or intricate machinery; it cannot get out of order.

It is strong, yet light, weighing but forty pounds. Perfection feed is attained by making it absolutely positive, yet a non-leaking carrier when thrown out of connection,

The quantity of seed to the acre is accurately shown by the index plate. You place the pin, the machine measures the seed.

Clover, Timothy, Red Top, Hungarian, Millet, Flax, Orchard Grass, Fancy Blue Grass, Alsike and chaffy seeds are alike sown by it. In this it has no rival.

It cannot clog. The wheel may be covered with mud, yet its working will not be affected.

Working near the ground, even strong winds have no effect upon its accuracy.

A manilla rope passes through a groove in the bottom of the box, fastened at the ends to a rod moved back and forth by a lever. This is operated by the revolution of the wheel, upon each of the eight spokes of which is fastened a casting. These castings strike alternately V-shaped irons on the feed levers. The length of stroke governs the quantity of seed sown, and is regulated by the pin which forms a fulcrum at any distance desired from the driving point. The plate for this pin is accurately marked in figures, indicating the quantity of seed sown per acre. By use of a thumb screw the lever can be thrown out of connection, when all sowing stops, the feed-rope covering the holes in the bottom of the hopper through which, when at work, it forces the seed.

Manilla rope is used because it is better than wire or any substitute. It does not wear the groove, bruise the seed or fail in its work—*wire rope will*. Being scorched and chemically treated, our rope is weather proof. It is provided with an iron wedge at one end of the feed rod, so that it may be loosened when not in use.

OFFICE OF OLIVER CHILLED PLOW WORKS,
SOUTH BEND, IND., December 11, 1886.

O. E. THOMPSON:

Dear Sir:—The Seeder purchased of you has had my personal examination, and I am pleased to say that I regard it as being most complete in every respect. The reputation it enjoys is fully merited, and were I to need another I would not hesitate to buy yours. In fact, I would have nothing else. Wishing you all possible success in its manufacture, I remain,

Yours truly,

JAMES OLIVER.

PRICE LIST LESS 25 PER CENT. FOR CASH.

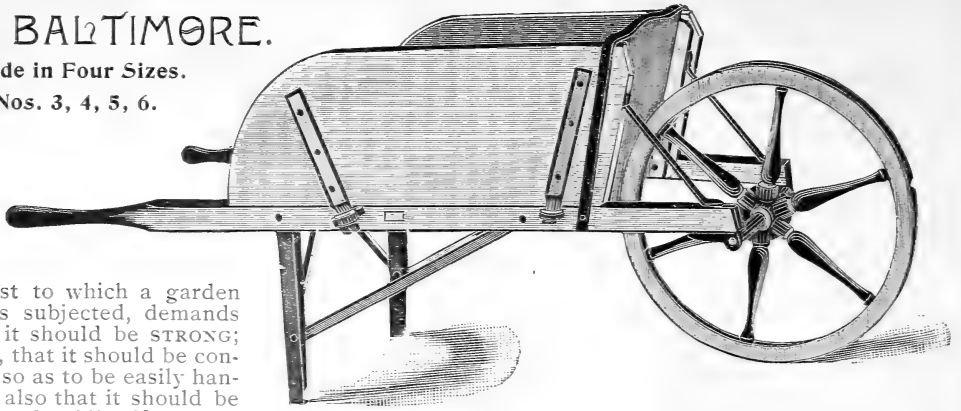
No. 1.—Complete Clover and Grass Seeder, the most popular style	\$10.00
No. 2.—Complete Seeder with Double Hopper for Red Top, Orchard Grass, Blue Grass, Lawn Grass, as well as Clover, &c.	12.00

ALL KINDS OF MACHINERY REPAIRED.

THE BALTIMORE.

Made in Four Sizes.

Nos. 3, 4, 5, 6.



The test to which a garden barrow is subjected, demands first that it should be **STRONG**; secondly, that it should be constructed so as to be easily handled and also that it should be well painted. All of these points we have incorporated in the Baltimore.

SPECIAL FEATURES AND ADVANTAGES,

Extra heavy wheel with iron hub; solid iron axle; heavy iron strap extending over entire front, specially well braced, (thus adding greatly to the strength and durability), nicely painted, striped and varnished. The trade have recognized the superiority of these goods to such an extent that for the coming season it will be necessary to double our output of 1895.

No. 3—MEDIUM SIZE.

Has 18-inch wheel, tire $1\frac{3}{4}$ -in. wide; gudgeons $\frac{1}{2}$ -in. Inside measurement of body as follows, viz.: 22 inches long, 21 inches wide in rear, 17 inches wide in front. A good medium-sized barrow.

Price \$ 3.25

No. 5—LARGE SIZE.

Has 22-inch wheel; $1\frac{3}{4}$ -inch tire; $\frac{1}{2}$ -inch gudgeons. Same finish as Nos. 3 and 4.

Price \$ 4.00

No. 4—MEDIUM SIZE.

Has 20-inch wheel, tire $1\frac{3}{4}$ inches wide; gudgeons $\frac{1}{2}$ -inch. Inside measurement of body as follows, viz.: 27 inches long, 22 inches wide in rear, 18 inches wide in front. This is the most popular sized barrow, and has good capacity.

Price \$ 3.50

No. 6—EXTRA LARGE.

Has 22-inch wheel, $1\frac{3}{4}$ -inch tire, $\frac{1}{2}$ -inch gudgeon. Similar to No. 5, only larger.

Price \$ 4.50

GREENHOUSE BARROWS.

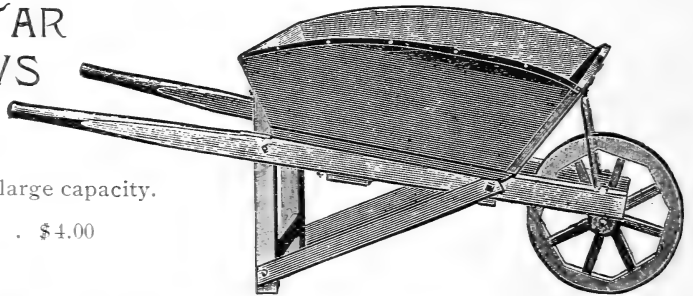
Made specially for narrow aisles. Used and recommended by some of the largest Florist Supply Houses in the country.

Price \$ 4.00

COAL AND MORTAR WHEELBARROWS

This barrow is used extensively for Coal. Top is iron banded, strongly braced and bolted; has large capacity.

Price \$ 4.00

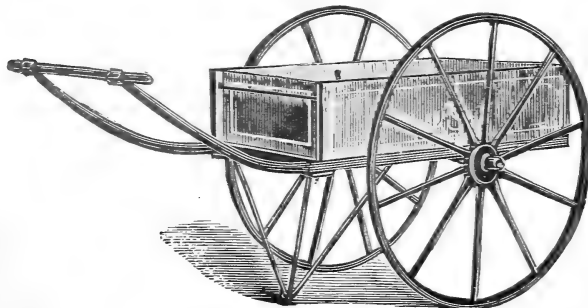


BALTIMORE PUSH CARTS.

No. 11—Two wheeled; size of box 24x44, 10 inches deep; wheels 36 inches high.

Retail Price \$ 9.00

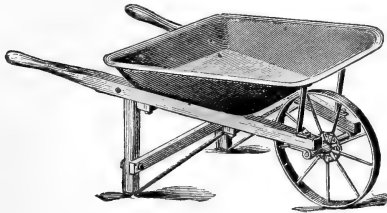
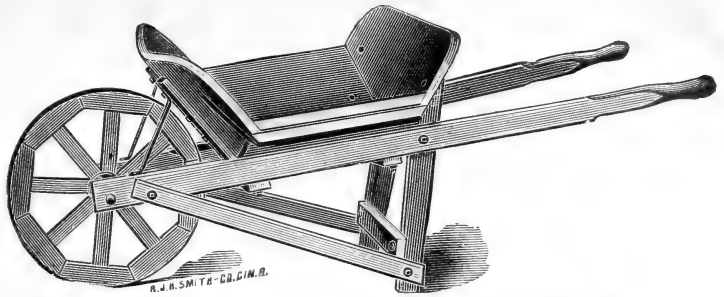
List Price 10.00



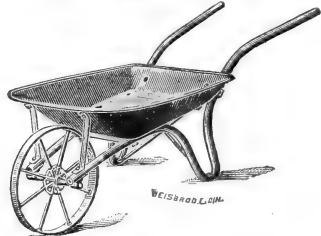
ALL KINDS OF MACHINERY REPAIRED.

Canal Barrows.

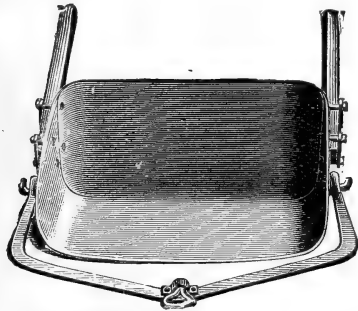
- Best\$2 50
- Second Grade..... 2 00
- Plain Bolted..... 1 50



STEEL TRAY BARROW.
Price, \$4 50.



ALL STEEL BARROW.
Price, \$6 00.



Improved Steel Scrapers.

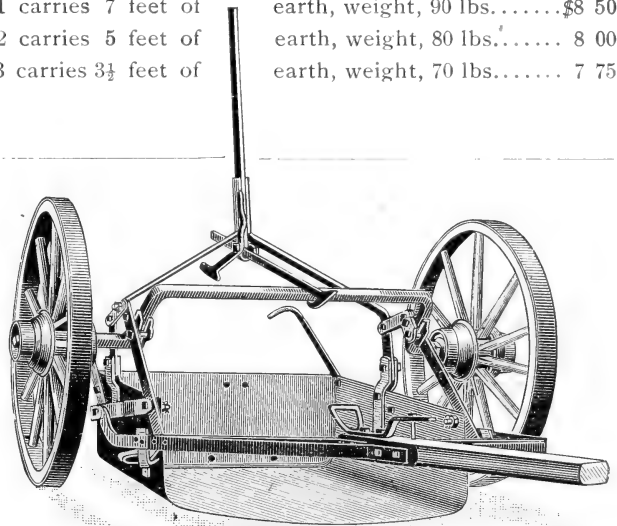
- No. 1 carries 7 feet of earth, weight, 90 lbs.\$8 50
- No. 2 carries 5 feet of earth, weight, 80 lbs. 8 00
- No. 3 carries 3½ feet of earth, weight, 70 lbs. 7 75

HASLUP'S PATENT WHEEL SCRAPER.

THE LEADER OF THEM ALL.

In no way can earth be moved so cheaply, within a proper distance, as with wheel scrapers. They need only to be tried to be appreciated. Their worth consists in measuring the amount of work done.

Our pans are strong, well made, and will keep their shape better than any other Wheeler in the market. They have been thoroughly tested and for ease of handling on man and team they have no superior.



SUGGESTIONS AND DIRECTIONS FOR USING WHEELER.

Always raise the Scraper out of the ground while the team is in motion. See that all the bolts on the Scraper are drawn up tight and all the bearings kept well oiled.

An ordinary team can work No. 2 size. The No. 3 size can be worked with one team, but to fill the Scraper well it needs an extra team in filling, and each No. 3 Wheeler is complete with a snatch rod. The snatch rod is placed under the doubletree, practically taking all weight off the horses' necks.

To load, hold the lever in an upright position until the foot piece on the end of the lifting device comes in contact with the lug on the hounds. Raise on the handles of the scraper box until the point catches in the ground. The Scraper will run perfectly level and regulate the depth itself. When the Scraper is full, bear down on the lever until the hook catches on the back part of the pan.

ORDER BY NUMBER ONLY—WE MAKE THREE SIZES.

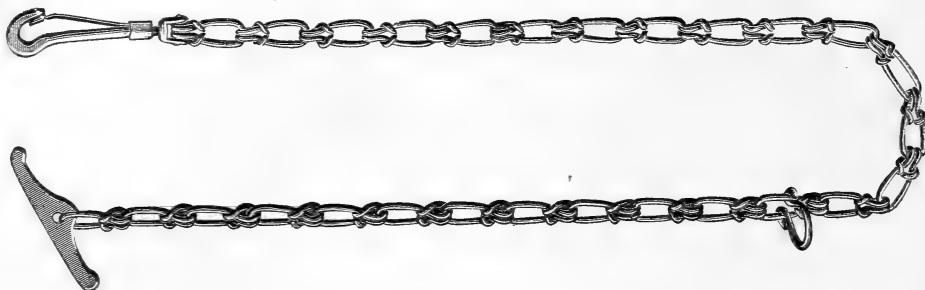
- No. 1, capacity 9 cubic feet, weight 375 lbs.\$32 50
- No. 2, capacity 13 cubic feet, weight 500 lbs 37 50
- No. 3, capacity 17 cubic feet, weight 650 lbs 42 50

ALL KINDS OF MACHINERY REPAIRED.

STEEL CHAINS.



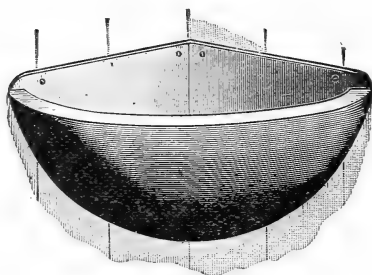
No. 3-0 Ohio Pattern Cow Ties, 30 cts. each.
 No. 4-0 Ohio Pattern Cow Ties, 35 cts. each.



No. 3-0 6-ft. Halter Chains.....	\$0 30	No. 6 20-ft. Tethering Chains.....	\$1 20
No. 5-0 7-ft. Trace Chains.....	60	No. 6-0 7-ft. Trace Chains.....	75
No. 2 6-ft. Kennel Chains.....	40		

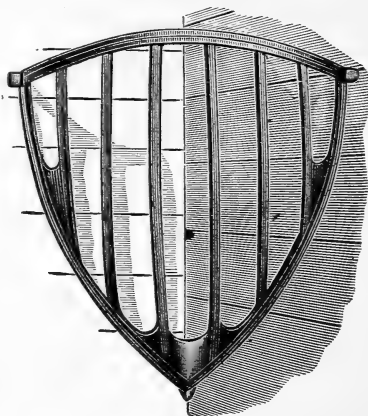
In addition to the above we are prepared to quote a full line of regular chain goods at lowest prices.

CORNER MANGERS.



No. 1. Small.....	\$1 75
No. 2. Medium.....	2 00
No. 3. Large.....	3 00

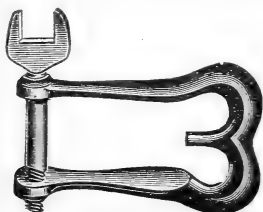
HAY RACKS.



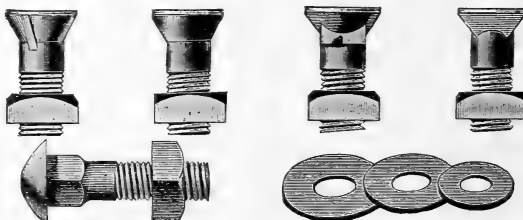
Price.....\$3 00



IRON TROUGHS.



PLOW CLEVISES.



Plow, Machine and Carriage Bolts and Nuts.

ALL KINDS OF MACHINERY REPAIRED.

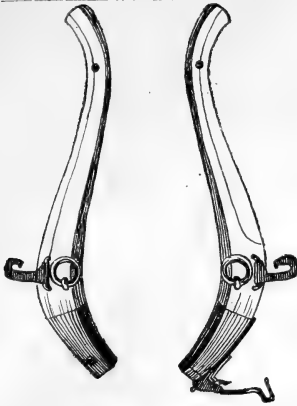
Manufacturers' Agents for Full Line of Hames.

We handle nearly the entire production of our Root Hame manufacturer, and can offer this line of goods to the trade at especially low figures.

RETAIL PRICES, PER PAIR.

Loudon Patent.....	\$1 00
Loudon Tie.....	75
Taylor Root Patent.....	60
Taylor Root Tie.....	50
Sawed Patent.....	50
Sawed Tie.....	30

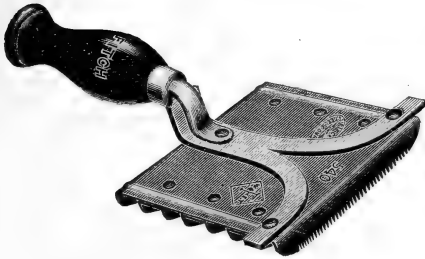
Special Prices to both Wholesale and Retail Dealers.



We carry a first-class line of Curry Combs, as shown below, and on which we make exceptionally close prices.

XXX STEEL.

XXX STEEL.



8 Bars.

8 Bars. Heavy.

Steel Shank runs through handle and is riveted.
No. 540 Lacquered, 20 cts. each.
Packed 1 doz. in a box. Cases are made for 24 doz.

Steel Shank runs through handle and is riveted.
No. 490 25 cts. each.
Packed 1 doz. in a box. Cases are made for 24 doz.



XXX STEEL.



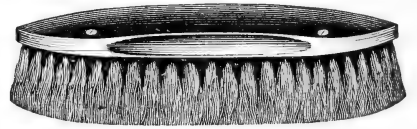
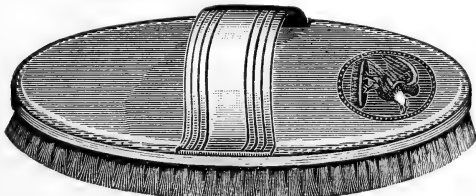
8 Bars. Handles Riveted.

6 Bars. Handles Riveted.

Patent applied for.
No. 480 Columbia..... Lacquered, 25 cts. each.
Packed 1 doz. in a box. Cases are made for 24 doz.

No. 400 Lacquered, 15 cts. each.

BRUSHES.



No. 10 Dandy Brushes..... each, 25 cts.
No. 20 Dandy Brushes..... " 30 "
No. XX Palmetto Dandy..... " 40 "
London Dandy, with Leather protection side pieces..... " 75 "

No. 7000 Dandy Brushes, made of selected fine root..... each, 60 cts.
All of above are put up six in a box.
No. 707 Grenelle Brushes, our best brush..... each, 90 cts.

LEATHER BACK BRUSHES.

No. 109 Leather Back Brush..... each, \$ 50
No. 150 Leather Back Brush..... " 75
No. 114 Leather Back Brush..... " 1 00
No. 400 Leather Back Brush..... " 1 25

No. 500 Red Leather Back, all White Bristle..... each, \$1 75
No. 600 Made of White Russian Bristle; has Russet Leather Back and Handle..... " 2 50
No. 82 Brown Leather Back, all Black Bristle, Army Pattern..... " 1 50

ALL KINDS OF MACHINERY REPAIRED.

The Improved Pan-American Washer.

THE MOST SUCCESSFUL WASHER ON THE MARKET.

It is Supplied with the Latest Improved Gearing.

Sold on its Merits.

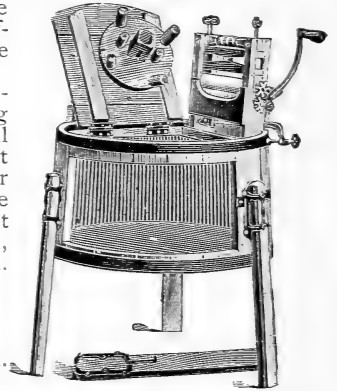
Guaranteed to Give Satisfaction.



THE cuts show the exterior and interior of our Improved Pan-American Washer. The machine is constructed of clear pine, and is stronger, more nicely finished, and as large as any round machine on the market. The inside of the machine is fully corrugated, similar to a washboard, there being no nails or blocks of any kind on the inside.

The machine is made with the large end of the tub down, allowing plenty of room for water and clothes. The hoops are made of extra heavy hoop iron and warranted not to break. The brackets that hold the legs of the machine are so arranged that the leg is self-adjusting, thereby always insuring the machine to stand solid on the floor.

The machine closes tight, and retains the heat in the water for a long time and prevents the odor of foul steam from the clothes. The washer can be used on a carpet without soiling the same. It has a large, convenient place for holding the wringer, which need not be removed while using the machine. Our Pan-American Washers are guaranteed to be perfect in every respect. If they do not prove all that we claim for them, they can be returned to us and the amount paid will be refunded. All we ask is a trial.



PRICE, - - - - \$6.00.

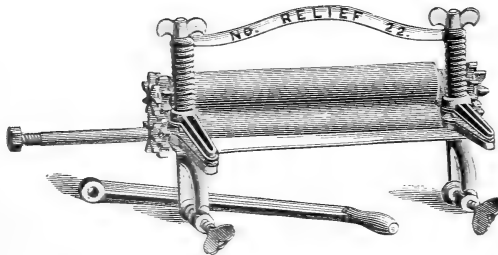
For sale by Griffith, Turner & Co., General Agents, Baltimore, Md.

IRON FRAME

Relief Wringer.

IRON FRAME.

The Frame is Made Entirely of Wrought and Malleable Iron.



BY the use of the thumb nuts and spiral springs in this Wringer the pressure can be adjusted quickly for either heavy or light work, therefore the rolls are never overstrained and will wear much longer than in the ordinary iron frame Wringer.

With Cog Wheels. Five sizes. Packed four and six in a case.

No. 22.—Small Family. Size of Rolls, 10x1 $\frac{3}{4}$ in. Price \$3 00

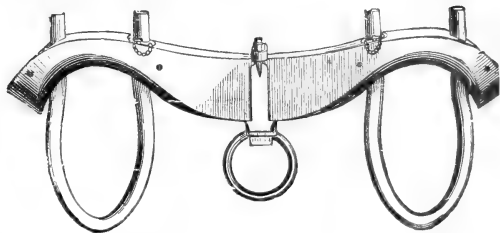
Also carry a stock of the following well-known Iron Frame Wringers:

Superior.	Size of Rolls,	10x1 $\frac{3}{4}$ inches.	Price	\$2 50
"	"	" 12x1 $\frac{3}{4}$ "	"	3 00
Daisy.	"	" 10x1 $\frac{3}{4}$ "	"	2 00

ALL KINDS OF MACHINERY REPAIRED.

Ox Yokes Complete.

Sizes.	Description.	List Price.
No. 1, 7 in. on neck by 19 in. bet. bows,		\$6 00
" 2, 7½ "	" 20 "	6 50
" 3, 8 "	" 21 "	7 50
" 4, 8½ "	" 22 "	8 00
" 5, 9 "	" 23 "	9 00
" 6, 9½ "	" 24 "	9 50
" 7, 10 "	" 25 "	10 00
Ox Bows, per pair, regular		1 15
" " " heavy		1 25



Bent-Rung Step Ladders, Extension and Single Ladders.

A 16-foot Single Ladder only weighs from 21 to 25 pounds. By drawing out a small rod at top of Step Ladder it can be converted into two separate ladders. These goods are made nearly altogether by hand, and are very much superior to factory ladders. No holes are bored in the side pieces, thus making them the strongest and lightest ladders made. The rungs are made of toughest hickory. A slight groove in the side pieces, in which the rungs are set, acts as a brace and aids to stiffen the ladder.

PRICE LIST.

SINGLE LADDERS.

Length.	Price.
5 feet	\$1 25
6 "	1 50
7 "	1 75
8 "	2 00
9 "	2 25
10 "	2 50
11 "	2 80
12 "	3 10
13 "	3 40
14 "	3 70
15 "	4 00
16 "	4 30
17 "	4 60
18 "	4 90
19 "	5 25
20 "	5 60
21 "	6 00
22 "	6 40
23 "	6 90
24 "	7 50

STEP LADDERS.

Length.	Price.
4 feet	\$3 00
5 "	3 50
6 "	4 00
7 "	4 50
8 "	5 00
9 "	5 50
10 "	6 00

EXTENSION LADDERS.

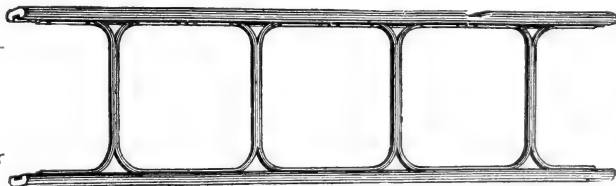
Each	Two Ladders.	Extended.	Length.	Price.	Each.	Two Ladders.	Extended.	Length.	Price.
10 feet		17 feet		\$ 7 40	18 feet		33 feet		\$14 40
11 "		19 "		8 15	19 "		35 "		15 20
12 "		21 "		8 90	20 "		37 "		16 00
13 "		23 "		9 60	21 "		39 "		17 20
14 "		25 "		10 40	22 "		41 "		18 50
15 "		27 "		11 20	23 "		43 "		19 80
16 "		29 "		12 20	24 "		45 "		21 20
17 "		31 "		13 60					

DISCOUNT TO THE TRADE.

We make following discounts on Ladders to consumers, viz:

- On Single Ladders 30 per cent.
- On Extension " 35
- On Step " 40

We can furnish a lower priced Step Ladder to parties who want something cheap.



A 16-FOOT LADDER. WEIGHS FROM 21 TO 25 POUNDS.

ALL KINDS OF MACHINERY REPAIRED.

WOODEN NECK YOKES.



IRONED COMPLETE
75 CENTS.

SINGLE, DOUBLE AND TRIPLE TREES.

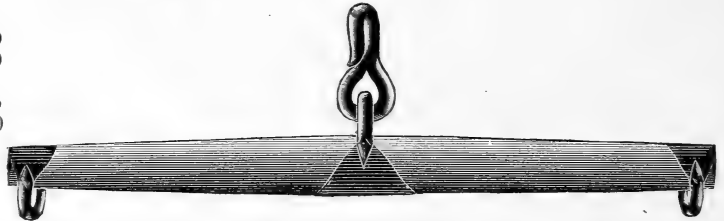
IRONED COMPLETE.



30-inch Heavy Single Tree	\$ 50
32-inch Heavy Single Tree	60
34-inch Heavy Single Tree	60
28 and 30-inch Extra Nailed Single Trees	40
26-inch Southern Single Trees	25

36-in. Heavy Double Trees, \$1 00
40-in. Heavy Double Trees, 1 10
36-in. Southern Double Trees 75
Extra Heavy Triple Trees, 2 50

Lap Rings, 10 cts. each.
Open Links, 30 cts. per doz.



FLATAU'S PATENT ROLLED STEEL SINGLE, DOUBLE AND TRIPLE TREES.

THE celebrated Flatau Steel Single, Double and Triple Trees are lighter and stronger than other trees because the patented combination of the truss shape and T bars gives the greatest possible strength with the least possible weight; the lightest tree will stand a strain of 2,500 lbs. All of these trees are furnished with patent hooks, which can be manipulated with ease, but which are *absolutely non-detachable by accident*. Send us your order for a few sample sets of above, and we are confident that you will want the agency on sight.

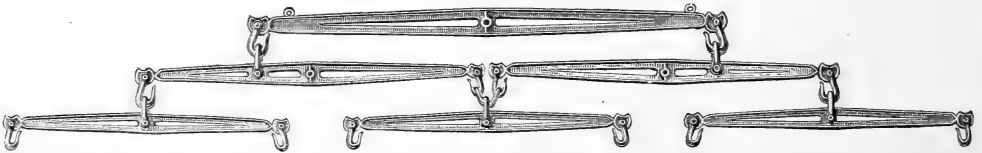


No. 1, 26-inch Steel Single Trees	\$ 50	No. 3, 34-inch Steel Double Trees	\$1 00
No. 2, 30-inch Steel Single Trees	90	No. 5, 40-inch Steel Double Trees	1 50
No. 3, 34-inch Steel Single Trees	1 00		

TRIPLE TREE SET.

Price, \$4.80.

Composed of one 40-inch, two 30-inch, and one Center Loop.



This cut shows Flatau's Patent Rolled Steel Triple Tree Set, for sulky plows and heavy scraper work.

The eveners, being finished with hole in center, can be used as a Single Tree when not needed as above. The two eveners are connected with the center Single Tree with a Center Loop, No. 46. In ordering for Triple Trees, order one each No. 46 Center Loop.

Nothing that will pass the traces can catch in the hooks of Flatau's Patent Trees, because the hooks all turn in instead of out, and are fastened on the extreme ends of every Tree.

OILS AND AXLE GREASE.

Headquarters for a fine line of Lubricating Oils. Farmers' Favorite Harvester Oil, a first-class article, pronounced by all who have used it to be the best. Price, **65 cents** per gallon, in one-gallon cans.

Amber Harvester Oil, similar in appearance and said to be equal in its effects to Lard Oil. Price, **65 cents** per gallon.

No. 1 Castor Oil, price, **75 cents** per gallon. Special prices in barrel and half barrel lots.

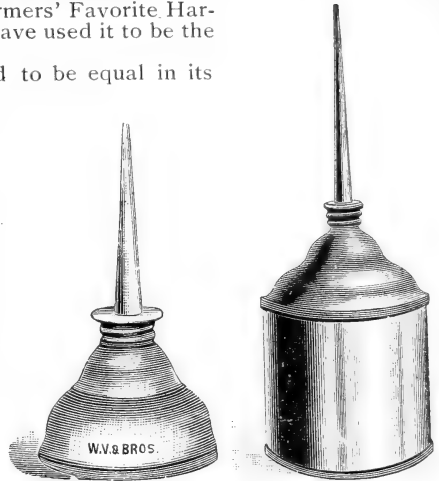
AXLE GREASE.

Hayes' Axle and Machine Grease is made from pure lubricating oils, does not contain any water, refuse, soap, or Fuller Earth, will not gum or corrode and will last longer than most goods of the kind. It is sold on its merits, is suitable for any kind of work, light or heavy, or any season of the year. This grease is packed in neat tin cans and buckets, of all sizes, to suit the trade. The advantages of carrying grease in tin cans are: First, none of the oil dries out or is absorbed by the package; secondly, the boxes carry better and are much more easily handled by the merchant.

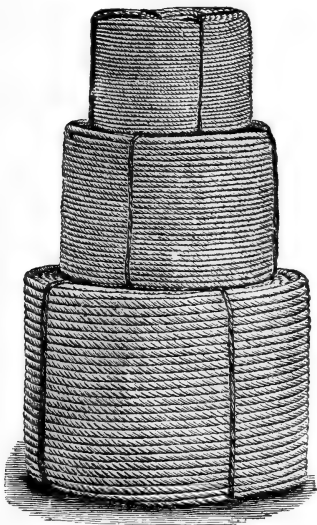
PRICES.

1-lb. cans.....6 cts. each. 2-lb. cans.....10 cts. each.
 1½-lb. cans....8 cts. " 15-lb. buckets..75 cts. "

Oil Cans for all kinds of Farm Machinery, Price, 20 cents.



Rope, Twine and Fodder Yarn.



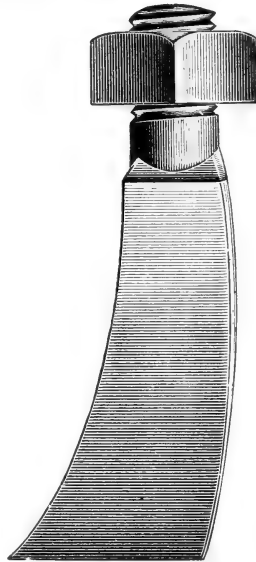
Manilla, No. 1 Manilla, Sisal and mixed grades of Rope.

We make a specialty of ¾ and ⅞ Hay Fork Rope.

Complete line of Twines and Fodder Yarn always on hand.

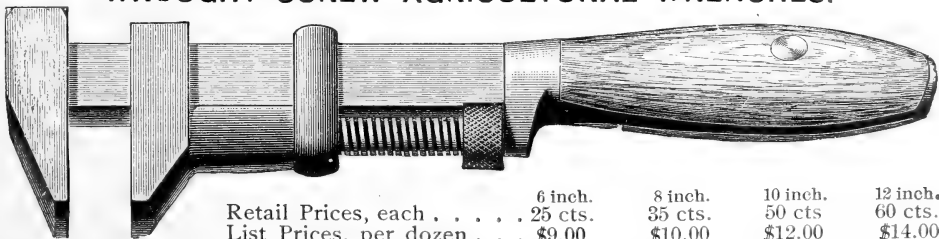
Binder Twine in all grades a specialty.

Threshing Machine Teeth.



For all leading machines, packed as follows:
 Bar and concave teeth 20 in a box.
 Band, Head, Ear Teeth 10 in a box.
 Nuts for teeth 20 in a box.
 Price with nuts, each 10 cents.

WROUGHT SCREW AGRICULTURAL WRENCHES.

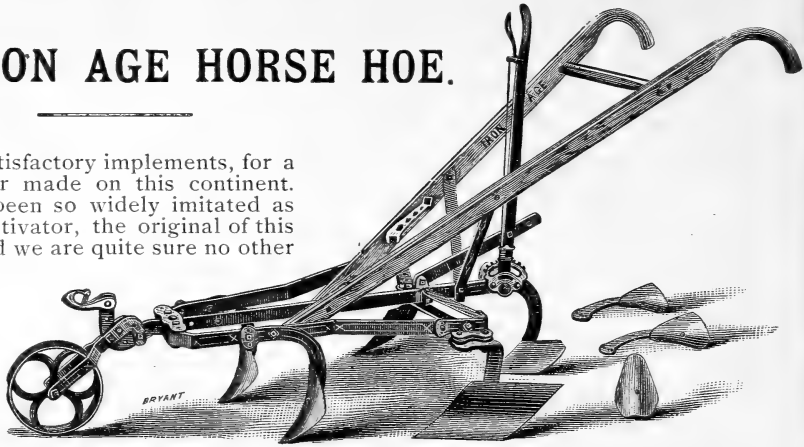


	6 inch.	8 inch.	10 inch.	12 inch.
Retail Prices, each	25 cts.	35 cts.	50 cts.	60 cts.
List Prices, per dozen	\$9.00	\$10.00	\$12.00	\$14.00

ALL KINDS OF MACHINERY REPAIRED.

THE IRON AGE HORSE HOE.

One of the most satisfactory implements, for a reasonable price, ever made on this continent. Probably no tool has been so widely imitated as the "IRON AGE" Cultivator, the original of this style of implement, and we are quite sure no other tool has kept so far ahead of its imitators. All Steel Frames. New shape Side Bars. A grand, good thing. Sold with or without Lever Adjuster.



WHEEL AND CULTIVATOR COMBINATION, WITH AND WITHOUT LEVER ADJUSTER.

This Cultivator was first introduced in 1875, and the thousands now in use make a description unnecessary. Suffice it to say they are THE BEST.

A new feature is that the side bars are so arranged that seven teeth can be used when desired.

For solidity of construction, adaptation to a great variety of purposes, and ease of handling, the "Iron Age" stands without a peer. The reversible hoes or plows of Horse Hoe are bolted to solid steel standards of their own (not attached to light cultivator standards).

Comparatively few people know the value of the "Iron Age" as a corn coverer, for covering corn, potatoes, peas, etc., and for making up rows for root crops, etc.; it has no equal and really is not approached by anything on the market.

Prices.

Iron Age Cultivator, plain	\$ 3.00
Iron Age Cultivator, with Lever	3.75
Iron Age Horse Hoe and Cultivator, plain	4.25
Iron Age Horse Hoe and Cultivator, with Wheel	5.00
Iron Age Horse Hoe and Cultivator, with Lever and Wheel	5.75
Iron Age Horse Hoe, Cultivator and Corn Coverer combined, plain	5.25
Iron Age Horse Hoe, Cultivator and Corn Coverer combined, with Lever	6.00

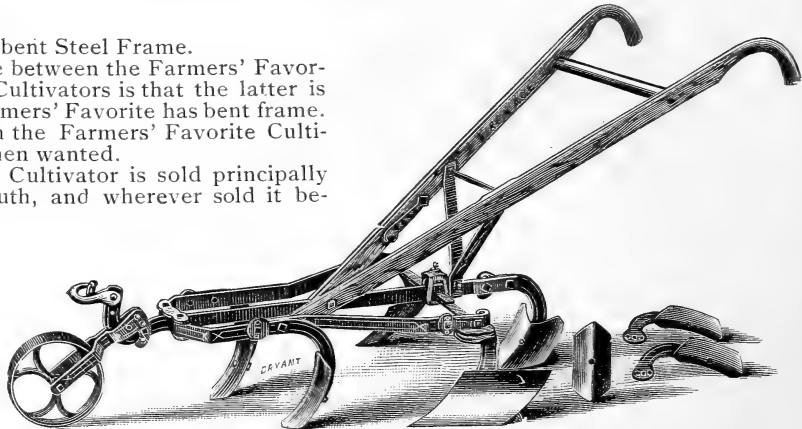
BALTIMORE, FARMERS' FAVORITE AND OLD DOMINION HORSE HOES AND CULTIVATORS.

The Baltimore has bent Steel Frame.

The only difference between the Farmers' Favorite and Old Dominion Cultivators is that the latter is a little lighter, and Farmers' Favorite has bent frame.

We can also furnish the Farmers' Favorite Cultivator with draft rod when wanted.

The Old Dominion Cultivator is sold principally in Virginia and the South, and wherever sold it becomes a favorite. The Old Dominion has No. 68 plate, and the Baltimore No. 82 plates.



Prices.

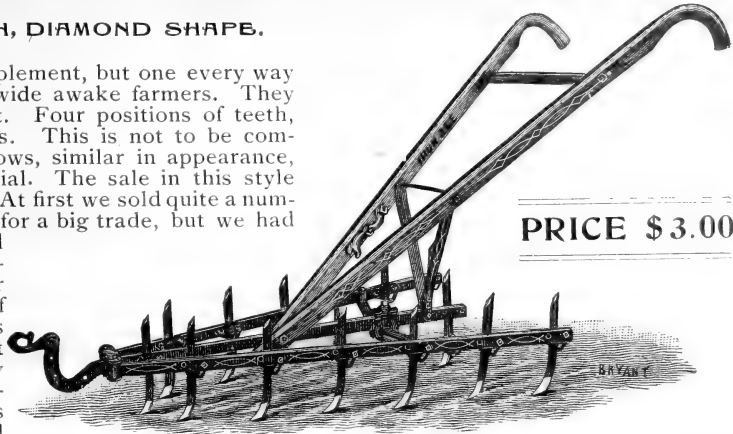
Baltimore Cultivator	\$ 2.75
Farmers' Favorite Cultivator, with Draft Rod	2.75
Farmer's Favorite Horse Hoe and Cultivator combined, plain	4.00
Farmers' Favorite Horse Hoe and Cultivator combined, with Wheel	4.75
Old Dominion Cultivator	2.50
Old Dominion Cultivator and Horse Hoe, plain	3.75
Old Dominion Cultivator and Horse Hoe, with Wheel	4.50

ALL KINDS OF MACHINERY REPAIRED.

Baltimore Combined Harrow and Cultivator.

STEEL TEETH, DIAMOND SHAPE.

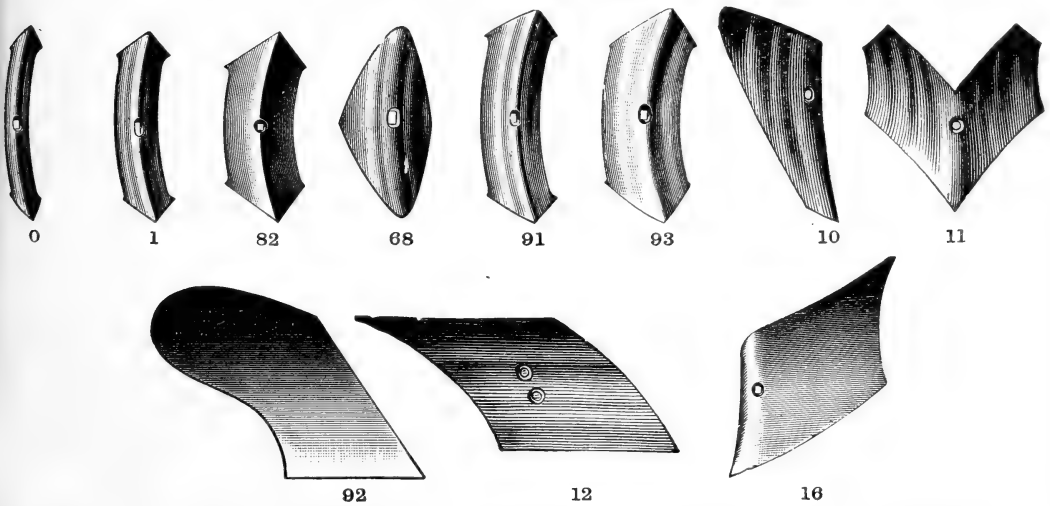
A comparatively new implement, but one every way worthy of purchase by all wide awake farmers. They cannot afford to do without it. Four positions of teeth, doing good work in all crops. This is not to be compared with low-priced Harrows, similar in appearance, but made of common material. The sale in this style tool has been phenomenal. At first we sold quite a number and the indications were for a big trade, but we had no idea that the sales would reach their present proportions. The teeth have four positions (see note at top of page). First the position as shown in cut in which case it can be used for working very close to small plants. Thoroughly pulverizes, but throws no dirt on plants. Second position as a straight tooth harrow. Third position, the teeth can be arranged as a smoothing harrow, with sharp points down, in order to cut and level the surface. Fourth position, the teeth can be set with sheared end down, being less liable to injure young plants.



PRICE \$3.00

Cultivator Points and Steels.

PRICES ON APPLICATION.



Nos. 91, 92 and 93 for Iron Age Riding Cultivator, other steels for Five-Tooth Cultivators.

Malta and Farmers' Favorite Shovel Plow Steels

ALWAYS ON HAND.

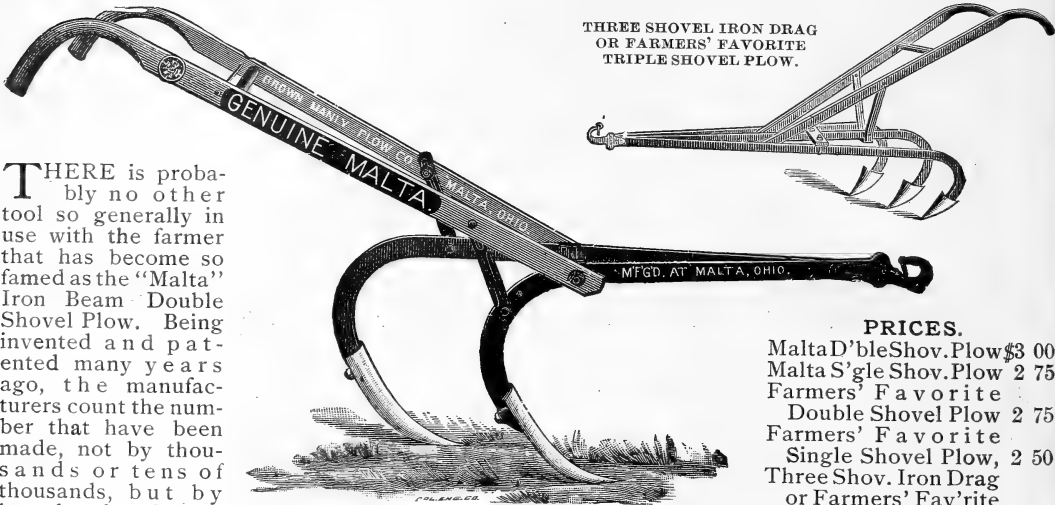
Steels for Iron Age, Hensch & Drumgold, Champion, Malta, Brown and Buckeye Riding and Walking Cultivators.

We also carry Steels without bolts for all leading styles of Riding and Walking Cultivators, which any blacksmith can fit to almost any machine.



ALL KINDS OF MACHINERY REPAIRED.

Genuine Malta Single and Double Shovel Plows and Steels.



THREE SHOVEL IRON DRAG
OR FARMERS' FAVORITE
TRIPLE SHOVEL PLOW.

PRICES.

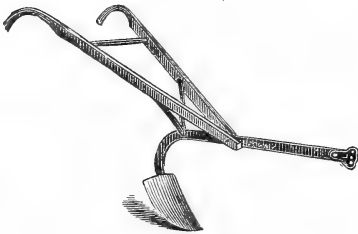
Malta D'ble Shov. Plow	\$3 00
Malta S'gle Shov. Plow	2 75
Farmers' Favorite Double Shovel Plow	2 75
Farmers' Favorite Single Shovel Plow,	2 50
Three Shov. Iron Drag or Farmers' Fav'rite Triple Shovel Plow,	3 00

THERE is probably no other tool so generally in use with the farmer that has become so famed as the "Malta" Iron Beam Double Shovel Plow. Being invented and patented many years ago, the manufacturers count the number that have been made, not by thousands or tens of thousands, but by hundreds of thousands. The "Genuine

Malta" Double Shovel Plow, as it is now made, consists of two solid pieces of iron—milled especially—made extra heavy in the shank, and tapered at the point, giving strength where it is most needed. It is provided with Malleable Adjustable Clevis Hook and Handle Braces. Blades are of the best of Open-hearth Steel, full weight and any desired width.

We desire to call particular attention to the "Two-Hole" feature in the shank—the most simple, sensible and substantial method yet devised for giving adjustment and long life to the blades. When the blades are new and long they should be bolted in the upper hole. But after they become worn off at the point, and do not have the proper pitch or angle, they should be dropped to the lower hole. The point of the blade is thereby thrown forward and given the same pitch or angle as when new. By this invention the farmer gets *double service* out of each and every set of blades he wears out on his Plow, and has them always set properly on the beams. The Plow, therefore, will always do good work, be light in draft and easy to handle.

"MALTA" IRON BEAM SINGLE SHOVEL PLOW.



THIS Plow is extensively used throughout the Middle and Southern States.

The "Malta" Single Shovel Plow consists of one Solid Iron Bar, rolled in such a manner as to give it great strength, is extra heavy in the curve and tapered at the point or front end, to which is attached our Adjustable Clevis Hook. Blades are attached to beam with two bolts, and vary in width from six to sixteen inches. In ordering, always specify width of blade. Blades from twelve to sixteen inches wide are special sizes, and will not be furnished on Plows without additional cost.

STEEL SHAPES.

THE manufacturers take great pride in this branch of their business, and are to-day one of the largest producers of Polished Plow Shapes in the United States.

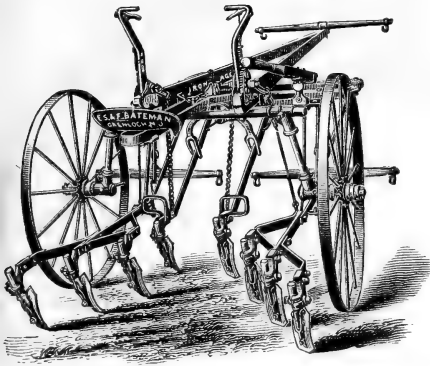
They use nothing but the very finest grades of Agricultural Steels, and great care is taken to see that all patterns are cut true to gauge and properly formed. All Shovel Blades, Bull-Tongues and Coulters for the Genuine "Malta" Double Shovel Plows bear on their face the registered trade-mark label of this Company.

ALL KINDS OF MACHINERY REPAIRED.

The "Iron Age" as a Fixed Wheel Riding Cultivator.

PRICE, - - - - \$30.00.

COMPLETE WITH ONE PAIR OF PLOWS, SHIELDS
AND FALLOW TOOTH ATTACHMENT.



FOR a Cultivator needed in very close work we have to offer this year, the "Iron Age," Riding Cultivator, No. 2, as being particularly adapted to the cultivation of peas, beans, and all close grown crops. Its wheels close up to 35" and widen to 43". It will readily be seen this Cultivator is only a modification of our regular "Iron Age" Riding Cultivator as a fixed wheel, consequently the operation of the two Cultivators is practically the same.

We take pleasure in recommending this Cultivator to all those who have not used Riding Cultivators, owing to the fact that hitherto they have been made of such width that it has been impossible to work them satisfactory in close rows, and feel confident the market gardener will now find this tool well suited to his needs. The low prices lately obtained for his products fairly compel him to make use of the best labor saving implements to be obtained.

The "Iron Age" as a Pivot Wheel Cultivator.

PRICE, - - - - \$30.00.

COMPLETE WITH ONE PAIR OF PLOWS, SHIELDS
AND FALLOW TOOTH ATTACHMENT.

FOR cultivation of crops on hillsides, or for work among *very* crooked and irregular rows, there probably can be no cultivator so well adapted to the purpose as one making use of what we may call pivoted wheels, the wheels being guided by the feet and thus carrying the entire implement, with its gangs of teeth to right or left, as desired. In devising this Pivot Wheel Cultivator the manufacturers have endeavored to provide several very essential features, and believe, in these respects, the tool will be found to equal any tool of the kind made.

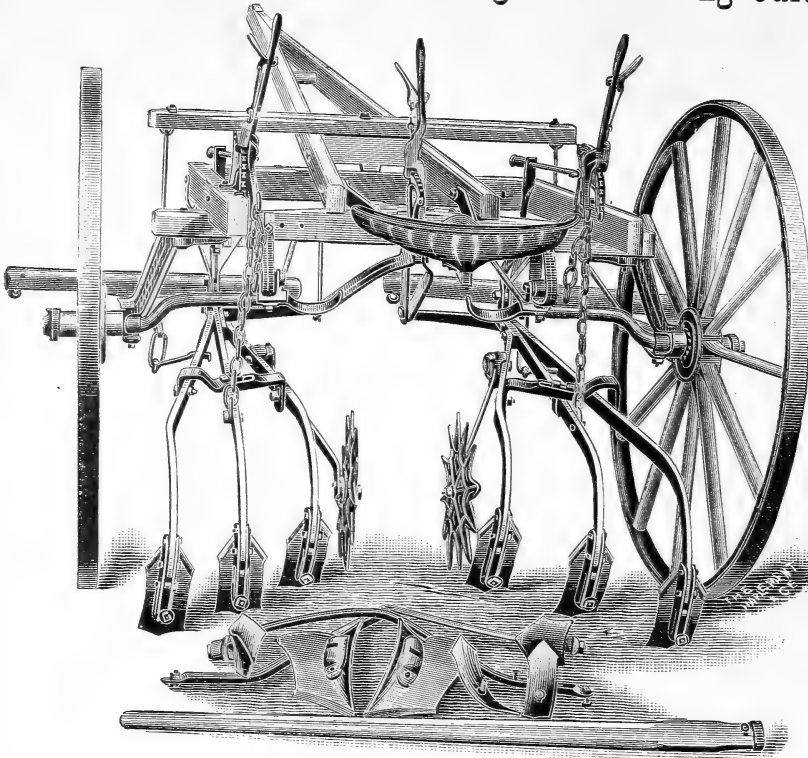
It has wonderful ease of guidance, the pivots being vertical, near the wheels, and the *ends resting upon hardened steel balls*.

The gangs are very rigid in order they may instantly follow the direction by the wheels. For hilly sections we are prepared to furnish it with wheels having *flanged* tires to prevent slipping. Seat is arranged to drop below the arch bar, as shown in cut, or can be adjusted above it.

We would call attention to the great adjustability of the tool, to the fact that the gangs can be reduced to three, or even two teeth each, by the removal of the outside and inside teeth; while it will be noticed that the other valuable features of the rigid frame cultivator have been retained.



Improved Hensch Riding and Walking Cultivator.



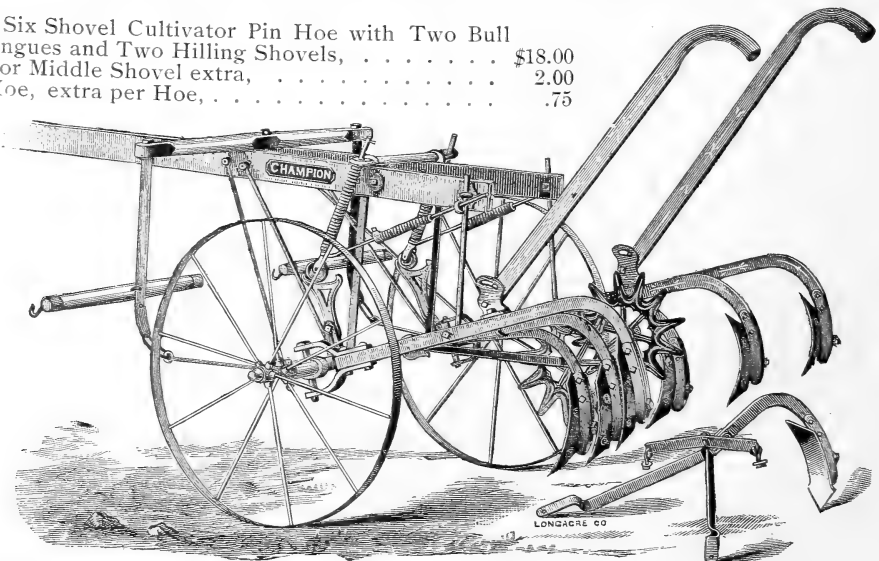
This machine has been thoroughly tested and is so well known throughout the country that further description is useless.

Price Pin Hoe Cultivator,	\$27.00	Price Spring Tooth Cultivator,	\$28.00
“ Spring Hoe Cultivator,	31.00	Extra Beam for Cultivating Orchards,	2.00

“Champion” Walking Cultivator.

With Shovel Beam Hoisted and Held up by Springs Alone.

Price of Six Shovel Cultivator Pin Hoe with Two Bull	
Tongues and Two Hilling Shovels,	\$18.00
Seventh or Middle Shovel extra,	2.00
Spring Hoe, extra per Hoe,75



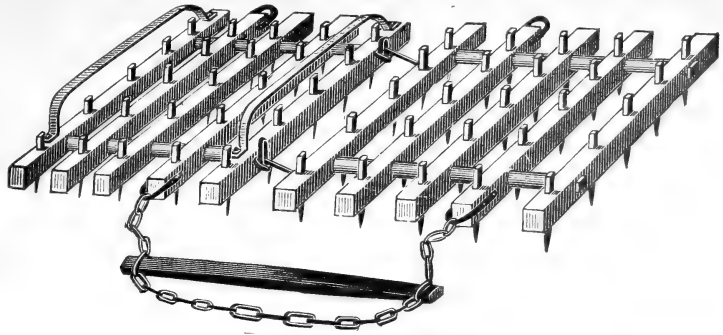
Superiority in construction, efficiency in manner of working are among its good features. A favorite wherever used.

ALL KINDS OF MACHINERY REPAIRED.

DOUBLE HINGE HARROW.

Price.....\$ 10.00

The most perfect Two Section or Double Hinge Harrow made; has Runners, the value of which any good farmer will appreciate.

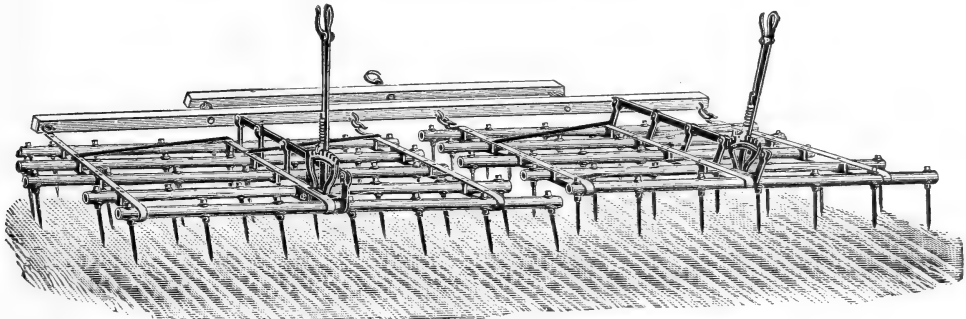


GARDENERS' HARROW.

Price, with 24 teeth, . . \$6.00
 " " 30 " . . 7.00

ADJUSTABLE STEEL FRAME LEVER HARROW.

Best Smoothing Harrow Made.



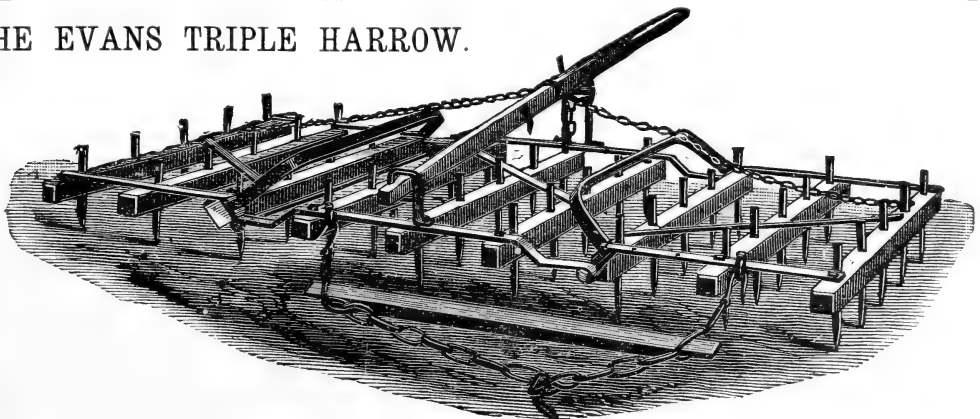
It can be used as a straight tooth pulverizing Harrow, or a slanting tooth smoothing Harrow. By means of the lever the teeth can be set straight or to any desired slant. The beams are made of iron tubes and the teeth pass through the same and are threaded and held firmly in place by a tap. If stalks or trash accumulate on the teeth, when used as a straight tooth Harrow, the teeth can be changed in a moment, by means of a lever, to a slanting position for cleaning off the same. As a smoothing Harrow it never clogs, all rubbish being cut in two, or passing down and off the ends of the teeth and is completely buried; for cultivating young corn in its early stage it is unequalled. It thoroughly pulverizes the soil and destroys the weeds, while the young corn remains uninjured. Specially adapted to cultivating wheat in the spring.

Price with 50 teeth . . \$14.00 With 70 teeth . . \$18.00

In order to meet the demand for a lever Harrow at less money than the Evans, we quote the CRESCENT Harrow, which is first class in every particular, as follows:

With 50 teeth, \$12.00 60 teeth, \$13.00 70 teeth, \$14.00 75 teeth, \$16.00 90 teeth, \$17.00

THE EVANS TRIPLE HARROW.



Has runners ready for the road without unhitching the team. Has a Lever attachment, by aid of which each section can be raised clear of the ground and cleaned of stalks or trash, or passed over stones or stumps without stopping the team, and is so easily handled, a boy can operate it.

Price \$15.00

ALL KINDS OF MACHINERY REPAIRED.

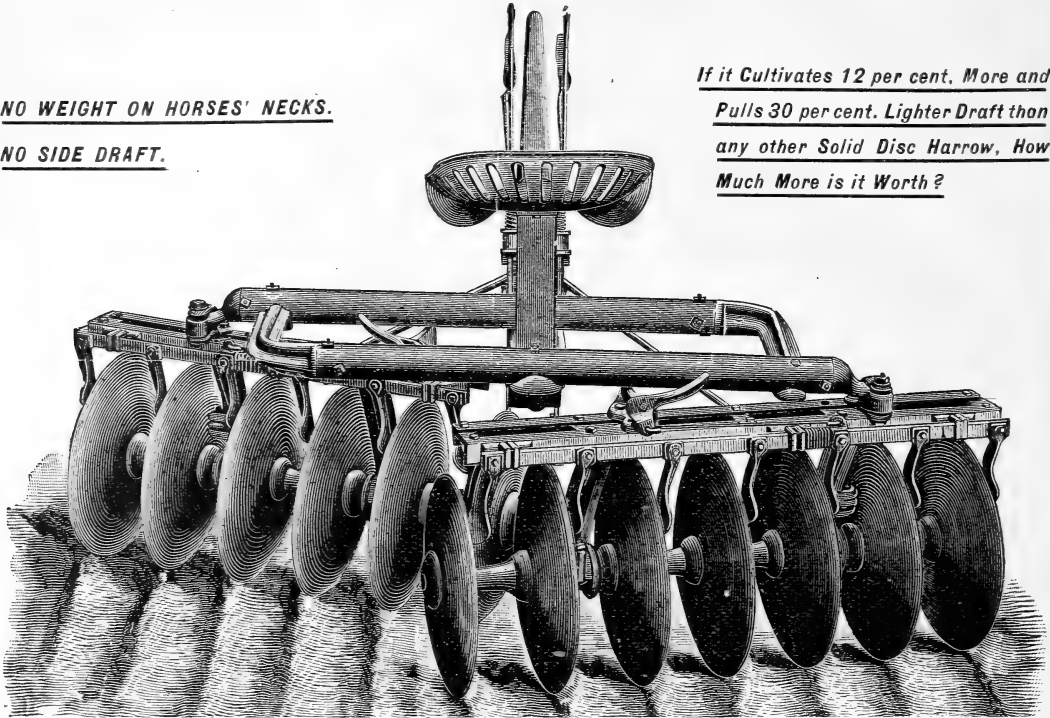
BELL'S CENTER-CUT DISC HARROW.

The only harrow that reaches the center ridge and pulverizes the ground from outside to outside, leaving a smooth surface behind it. The importance of this sure cultivation to an even depth and leaving no ground uncultivated, cannot be overestimated—there will be no hard ridge, there will be no row of weeds between the grain, as this harrow cuts *all* of the roots below the surface and thoroughly pulverizes all of the soil.

NO WEIGHT ON HORSES' NECKS.

NO SIDE DRAFT.

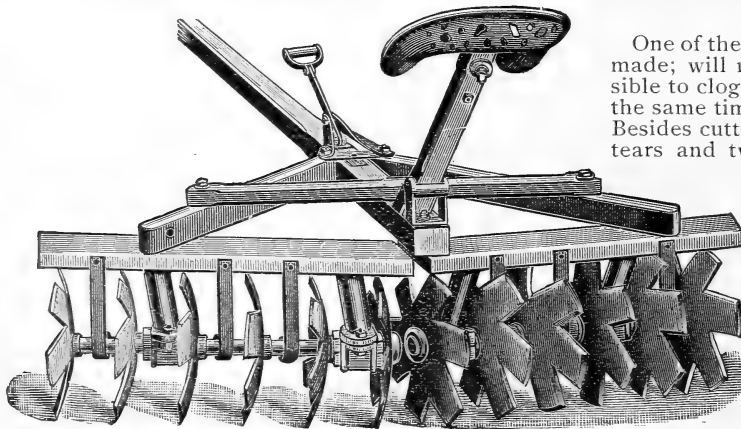
If it Cultivates 12 per cent. More and Pulls 30 per cent. Lighter Draft than any other Solid Disc Harrow, How Much More is it Worth?



PRICES.

Bell's Center-Cut Harrow, with 13 Discs, Steel Frame, Neck Yoke and 3 Horse Eveners, \$30 00
 O. R. C. Wood Frame Disc Harrow, with Neck Yoke and Three Horse Eveners, 25 00
 O. R. C. Harrow, without Neck Yoke and Three Horse Eveners, 22 50

CLARK'S NEW ENGLAND CUTAWAY HARROW.



One of the most complete Disc Harrows made; will not ridge the ground; impossible to clog; cuts the weeds and trash, at the same time mixing them with the soil. Besides cutting and slicing, the implement tears and twists the sod and mixes the soil, putting that which is on the top under, and bringing up the lower earth so far as it reaches. This can be regulated by weighting the drag. With all this motion, there is but little of the side displacement of soil that is so objectionable and damaging a feature of old harrows. Considering these movements, one cannot fail to reason what a perfect seeder

it must prove. A perfect peach orchard cultivator. Twelve Discs, 16 inches, . . . price, \$25.00

WE HAVE IN STOCK A FEW MORGAN SPADING HARROWS THAT WE WILL SELL AT VERY LOW PRICES.

ALL KINDS OF MACHINERY REPAIRED.

HENCH & DROMGOLD'S
-- IMPROVED --
Riding or Walking Lever Spring-
Tooth Harrow, on Wheels.



EVERY day brings something new. The cut represents the Riding or Walking Spring-Tooth Lever Harrow, on Wheels.

There has been an extremely large sale for this ratchet float spring-tooth harrow, which is acknowledged by all to be one of the best float spring-tooth harrows on the market.

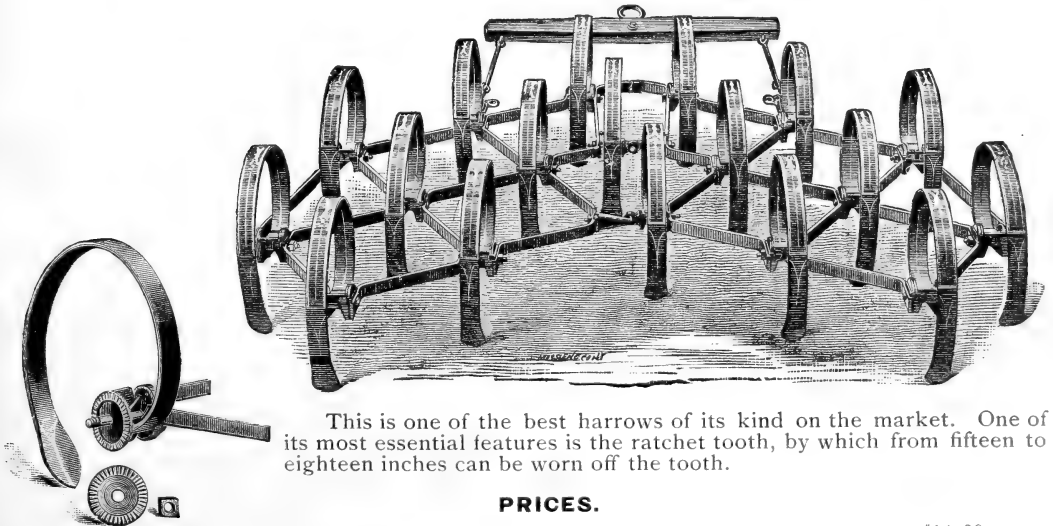
The harrow has been thoroughly tested on rough and rocky, and on soft and mellow land, and the draft is lessened almost one-half a horse

less than on the float spring-tooth harrow. Fifteen inches can be worn off the teeth by the use of the lever and the ratchets. The seat can be removed in a second. The lever can be attached to the middle rollers if so desired when used altogether for riding, and can be used on the rear roller or beam either for riding or walking. The front wheels are pivoted, and the evener is attached to the pivoted wheels so that the harrow will draw at ease after the horses, causing the harrow to draw straight, each tooth cutting its own course or way.

Fifteen-tooth Harrow, with Seat.....\$16 00
 Seventeen-tooth " " " ".....18 00

If seat is not wanted, price will be \$1.00 less.

Hench & Dromgold's All Steel Frame Spring-Tooth Harrow.



This is one of the best harrows of its kind on the market. One of its most essential features is the ratchet tooth, by which from fifteen to eighteen inches can be worn off the tooth.

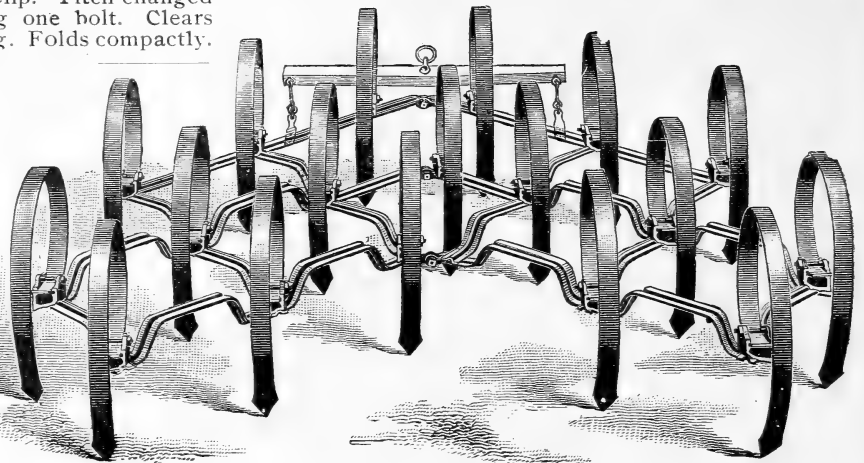
PRICES.

Fourteen-tooth Harrow.....	\$14 00
Sixteen-tooth " ".....	14 00
Eighteen-tooth " ".....	15 00
Twenty-tooth " ".....	16 00
Twenty-two-tooth " ".....	17 00

Stevens' Spring-Tooth Harrows.

Perfect Tooth Clip. Pitch changed by loosening one bolt. Clears itself. Cannot clog. Folds compactly.

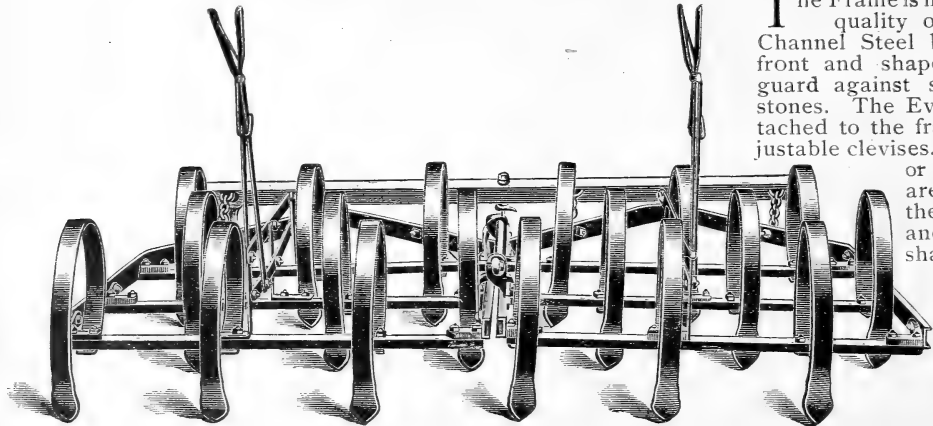
We are also furnishing the Stevens Harrow with new lever or shoe attachment, making it a perfect lever harrow, prices \$2.00 each higher than Stevens' Plain Harrow.



STEVENS' ARCHED FRAME.

PRICES: } 14 and 16 tooth harrows, \$14.00; 18 tooth harrows, \$15.00;
20 tooth harrows, \$16.00; 22 tooth harrows, \$17.00.

Conqueror Lever Harrow.



The Frame is made of best quality open-hearth Channel Steel bent up in front and shaped to best guard against stumps and stones. The Evener is attached to the frame by adjustable clevises. The Tooth or Cross Bars are of U Steel, the strongest and lightest shape known, mounted on swinging arms, which allows the frame to be raised or lowered

by the levers. One of the best harrows made.

PRICES: } 14 and 16 tooth harrows, \$16.00; 18 tooth harrows, \$17.00;
20 tooth harrows, \$18.00; 22 tooth harrows, \$19.00.

KING OF ALL LEVER SPRING TOOTH HARROW.—One of the best on the market. Extra heavy and strong. Same prices as the Conqueror.

PERRY WOOD FRAME HARROW (Iron Clad.)—A favorite and at a very low figure.
14 and 16 tooth harrows, \$11.50; 18 tooth harrows, \$12.50;
20 tooth harrows, \$13.50.



Spring Harrow Teeth.

For all leading Spring Tooth Harrows, including Hench & Drumgold, Stevens, Blaker, Perry, Childs' U. T. K., Tiger, Buffalo Pitts, etc.

Price, 50 cts. each.

SPIKE HARROW TEETH AT LOWEST PRICES.

ALL KINDS OF MACHINERY REPAIRED.

Darnell's Patent Furrower and Marker.

IMPROVED.

IN presenting the numerous merits of this invaluable little implement, we would be glad to draw a comparison with another of its kind, but we have seen or heard of nothing but the ordinary scratch sleds which make a mere mark as a guide for the plow which follows, thus **increasing the work instead of lessening it.**

We have a genial, ever-borrowing neighbor, however, with whom we might compare notes, and we will just bring him forward with his plow which he is inclined to think is good enough yet. We think you will not fail to notice the difference.

We ride while he walks.

We bring into requisition the services of our boy, if busy ourselves, while nothing short of a man, and a good one, too, can handle the plow.

We open two furrows while he opens one in clean ground and **do it better.**

We open four to six furrows while he opens one in filthy ground, he wasting precious time unclogging his plow and "skipping the naughty words" while we glide smoothly on.

We make a ridge or double furrow by once driving across the field, while he must drive all the way back again, or two to one.

We cultivate plants or **plow to and from** by straddling the row and working both sides at once, while he must "coax" first the one side and then the other, or another two to one.

We cover evenly at any depth, while he tries and fails.

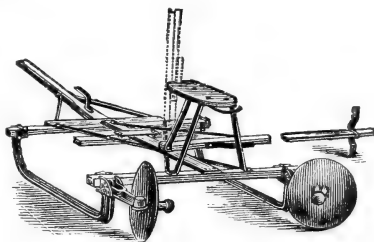
We are **done our work** and have almost forgotten it, while our dear "economical" neighbor **trudges on.**

Strong, light running and durable. **A half dozen tools in one, and each worth the purchase price.**

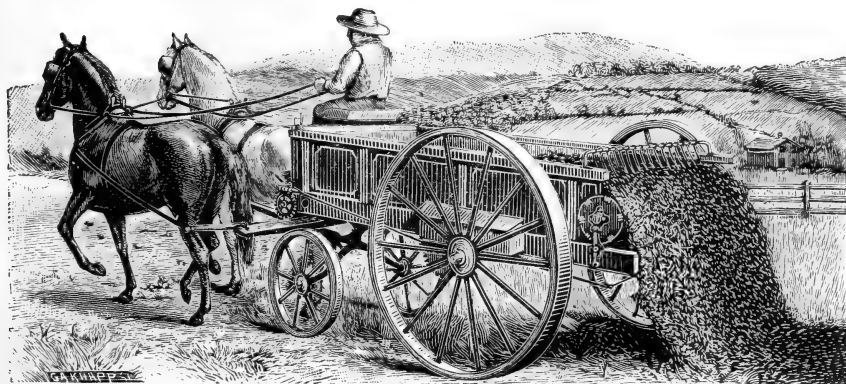
Runs steadily, and **cannot be choked. Adjustable throughout.** Gauge self-adjusting to all inequalities of ground.

Every part well made of good material, and **no end to its wear and usefulness.** Broad runners of wrought T angle iron with rib to prevent sliding on side hill. Revolving discs or furrowers, fifteen inches in diameter, with **chilled hub and steel axle**, cutting a clean, straight furrow.

Shipping Weight, 140 pounds. Price, \$18.00.



Kemp Manure Spreader.

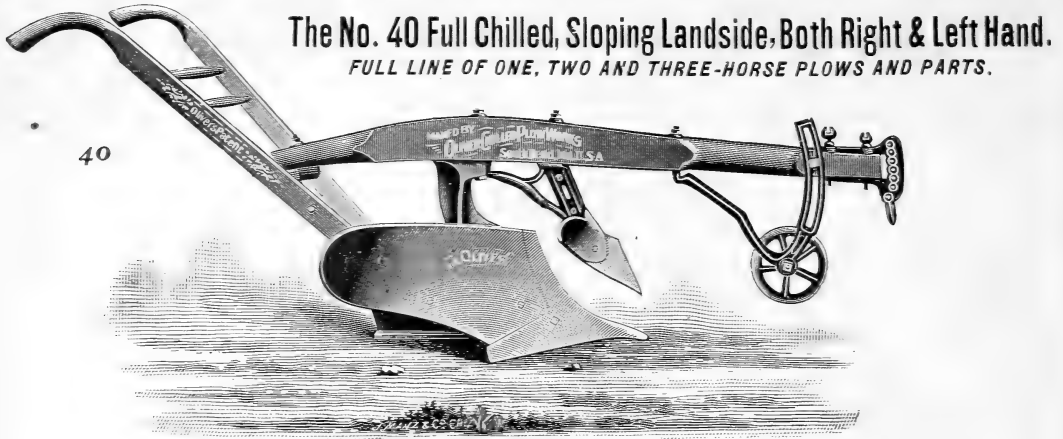


THIS cut shows the Spreader at work, covering every square inch with finely pulverized manure in one-tenth the time required with shovels and forks, and doing the work fully ten times as well.

PRICES:—No. 1 Machine on two wheels capacity thirty bushels, \$ 85.00
 No. 1 on four wheels, 110.00
 No. 2 Machine on four wheels, capacity forty bushels, 120.00

SPECIAL DISCOUNT FROM THESE PRICES.

ALL KINDS OF MACHINERY REPAIRED.



The No. 40 Full Chilled, Sloping Landside, Both Right & Left Hand.
 FULL LINE OF ONE, TWO AND THREE-HORSE PLOWS AND PARTS.

Genuine Oliver Chilled Plows and Repairs,

MADE ONLY BY THE

OLIVER CHILLED PLOW WORKS, South Bend, Ind., U. S. A.

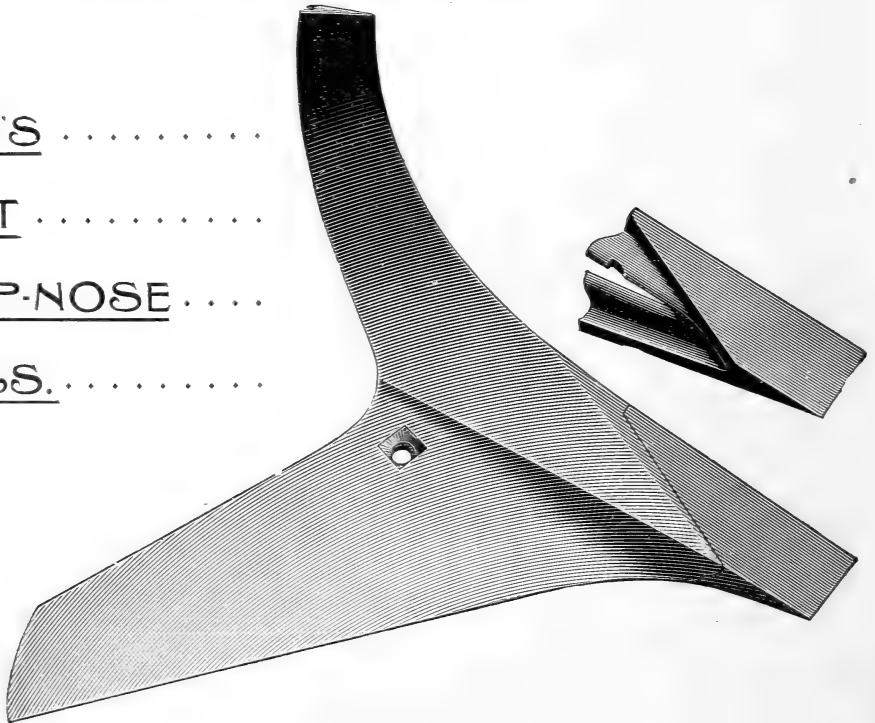
PRICES FOR 1896.

PLOWS.	POINTS.	LANDSIDES.	MOULDBOARDS.	STANDARDS.	BEAMS.
A1 and A2, \$1 00	18 cents	40 cents	\$1 25	\$1 25	\$1 00
B 5 50	20 "	60 "	1 75	1 50	1 00
10-0 6 50	25 "	60 "	2 00	2 00	1 00
13 7 00	25 "	65 "	2 25	2 25	1 25
19 7 50	30 "	75 "	2 50	2 25	1 25
20 8 00	30 "	75 "	2 75	2 25	1 25
40 8 50	30 "	75 "	3 00	2 50	1 25
E 8 50	30 "	75 "	3 00	2 50	1 25

Prices of plows do not include wheels or jointers, which are extra.

Wheels . . . \$1 00. Jointers . . . \$2 00.

OLIVER'S
PATENT
 SLIP-NOSE
SHARES.



ALL KINDS OF MACHINERY REPAIRED.

OLIVER CHILLED PLOWS

ARE THE BEST
GENERAL PURPOSE PLOWS IN THE WORLD.

Why?

First.—They are the ORIGINAL and ONLY GENUINE chilled plows made.

Second.—They are adapted to most kinds of soil, and will do first-class work in sod or stubble.

Third.—The mouldboards are thoroughly chilled, have no soft spots in them, will scour perfectly, and will not wear out in ten years' plowing.

Fourth.—Oliver's Chilled Metal will not corrode. The heaviest coat of rust that can accumulate on it will be entirely removed by a few minutes use, and the mouldboard will be as bright and smooth as before.

Fifth.—The Oliver has a thorough center draft, runs lighter than any other plow, and is under the direct and complete control of the operator.

Sixth.—The woodwork, being free from mortises, permits easy, rapid and perfect adjustment for either two or three horses.

Seventh.—The Oliver is economical in repairs, and when your share is renewed you have an entirely new cutting edge.

Eighth.—The Oliver patent slip-nose share can be furnished when desired—a wonderful saving device.

Ninth.—All parts of the Oliver Chilled Plows are fitted over templates at the works, hence are exact duplicates, and by simply giving the number and hand, you are sure of a perfect fit.

Tenth.—The Oliver Chilled Plow has hundreds of imitators. No manufacturer will try to imitate an inferior plow.

Eleventh.—For ease of management, adjustability and lightness of draft, it has no successful competitor.

Twelfth.—The Oliver has a record unparalleled in the history of plow making, and at home and abroad is equally famous and popular.

Thirteenth.—Your neighbors will tell you to buy the Oliver, and to take no other. They speak from faith born of experience.

Fourteenth.—There are over 1,500,000 Oliver Chilled Plows in actual use, and many more are being sold at the present time than any other plow manufactured. They are warranted to do better work, and more of it, with the same amount of draft, than any other plows in use.

Fifteenth.—Finally, these plows are better known, have reached a larger sale, have had a longer run, have proved more popular and given better satisfaction than any other plows on the face of the globe.

Look out for imitation plow points and other extras. The genuine points and other repairs are made only by the OLIVER CHILLED PLOW WORKS, SOUTH BEND, IND., U. S. A. All others are spurious.

Remember that the OLIVER CHILLED PLOWS are the best in the world, and be sure you get only the genuine points and other repairs, thus avoiding the dissatisfaction that is sure to follow the use of the spurious extras.

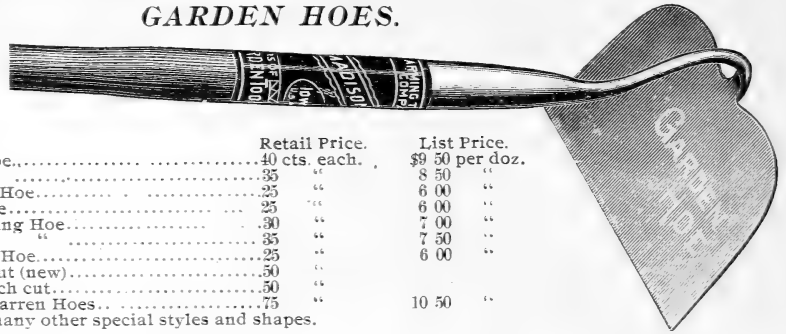
We carry a large stock of Plows and repairs, and when you consider that the genuine repairs and plows can be obtained from Oliver agents in every section of the country, it will not pay the farmer to buy any other plow for which it is difficult to get repairs. Oliver Plows, Shares, &c., are sold at prices as low as it is possible to sell first-class goods. Remember that the prices of No. 40 Genuine Share is 30 cents.

CAUTION.—The Oliver Trade Marks are so conspicuous on the Genuine Oliver Plows and Repairs that no one need be deceived by imitations.

ALL KINDS OF MACHINERY REPAIRED.

Our line of "Standard" Steel Goods, embracing Hoes, Rakes, Forks, etc., is complete in every particular. They are made of the best material, and every tool is perfectly formed and correctly finished.

GARDEN HOES.



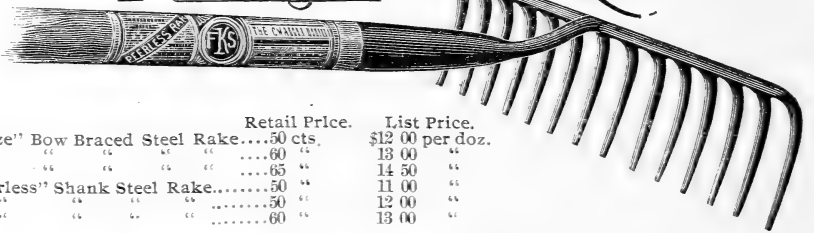
	Retail Price.	List Price.
No. 51 Steel Socket Garden Hoe.....	40 cts. each.	\$9 50 per doz.
" 52 " Shank " " " " " " " " " "	35 "	8 50 "
" 56 Riveted Garden Socket Hoe.....	25 "	6 00 "
" 58 Ladies' Steel Shank Hoe.....	25 "	6 00 "
" 6 Two-Prong Steel Weeding Hoe.....	30 "	7 00 "
" 7 Three-Prong " " " " " " " " " "	35 "	7 50 "
" 4 Round Prong Weeding Hoe.....	25 "	6 00 "
Acme Weeding Hoe, 4 1/4-inch cut (new).....	50 "	
B. B. Steel Weeding Hoes, 6-inch cut.....	50 "	
No. 19 Full Polished Socket Warren Hoes.....	75 "	10 50 "

Also many other special styles and shapes.

STEEL GARDEN RAKES.

THE "PEERLESS" SOCKET

RAKE.



	Retail Price.	List Price.
No. 312 Twelve-Tooth "Prize" Bow Braced Steel Rake....	50 cts.	\$12 00 per doz.
" 314 Fourteen-Tooth " " " " " " " " " "	60 "	13 00 "
" 316 Sixteen-Tooth " " " " " " " " " "	65 "	14 50 "
" 212 Twelve-Tooth "Peerless" Shank Steel Rake.....	50 "	11 00 "
" 214 Fourteen-Tooth " " " " " " " " " "	50 "	12 00 "
" 216 Sixteen-Tooth " " " " " " " " " "	60 "	13 00 "

STEEL HAY MANURE AND SPADING FORKS.



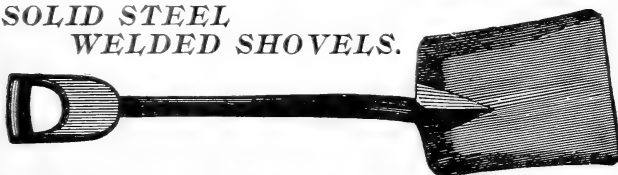
	Retail.	List Price.
No. 26 Oval, Two-Tine, Bent Handle, Common Ferrule.....	\$ 40	\$ 8 00 per doz.
" 27 " " " " " " " " " " " " " "	50	9 50 "
" 34 " Three-Tine, " " " " " " " " " "	50	9 50 "
" 35 " " " " " " " " " " " " " "	60	11 00 "
" 40 " Four-Tine, " " " " " " " " " "	50	12 50 "
" 41 " " " " " " " " " " " " " "	60	14 00 "
" 42 " " " " " " " " " " " " " "	60	13 50 "
" 43 " " " " " " " " " " " " " "	75	15 50 "
" 72 Heavy Angular, Four-Tine, Strap Ferrule, D Handle Spading Fork.....	1 00	20 00 "

SOLID CAST STEEL SOCKET WELDED and RIVETED SHOVELS.



	Retail Price.	List Price.
No. 2 Long Handle, Round Point, Socket Shovels, Polished.....	\$ 85	\$12 50 per doz.
" 2 " " " " " " " " " " " " " "	75	12 00 "
" 2 " " " " " " " " " " " " " "	75	13 00 "
" 2 " " " " " " " " " " " " " "	90	11 00 "
" 2 " " " " " " " " " " " " " "	50	8 50 "

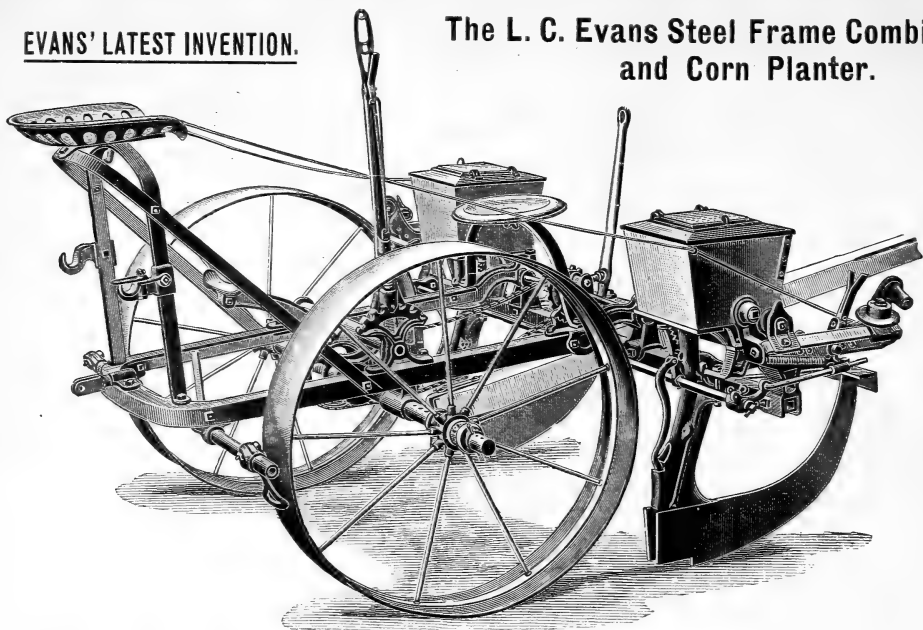
SOLID STEEL WELDED SHOVELS.



	Retail, List each.	List doz.
No. 2 D Handle, Solid Steel Welded Shovels, Square Point, Black..	\$ 75	\$13 50
No. 3 D Handle, Solid Steel Welded Shovels, Square Point, Black..	75	14 00
No. 2 D Handle, Solid Steel Socket Shovels, Square Point, Black..	75	12 00
No. 2 D Handle, Cast Steel, Half-Polished Scoop Shovels.....	75	14 50

All other sizes of Scoop Shovels up to No. 6 in stock.

ALL KINDS OF MACHINERY REPAIRED.

EVANS' LATEST INVENTION.**The L. C. Evans Steel Frame Combined Drill and Corn Planter.**

Durability
Simplicity
 and
Accuracy
Combined.

It is the same in principle, with a few improvements, as the L. C. Evans Wood Frame Combined Planter of last year.

Using the machine as a drill it can be changed to drop 10, 12, 14 or 16 inches apart.

Will also plant in hills from two to six grains.

NOVEL CONNECTION TO COUPLE FRONT TO BACK.—The arms connecting to the boxes on the plant-beam are slotted so that the Planter has a perfect floating motion, and is adapted to all conditions of the ground. This feature is found on no other combination Planter.

The machine is adjustable in width, being so arranged that it will plant 3 ft., 3 ft. 2 in., 3 ft. 4 in., 3 ft. 6 in., 3 ft. 8 in., or 3 ft. 10 in. apart. Wheels will run on or off the rows, as desired.

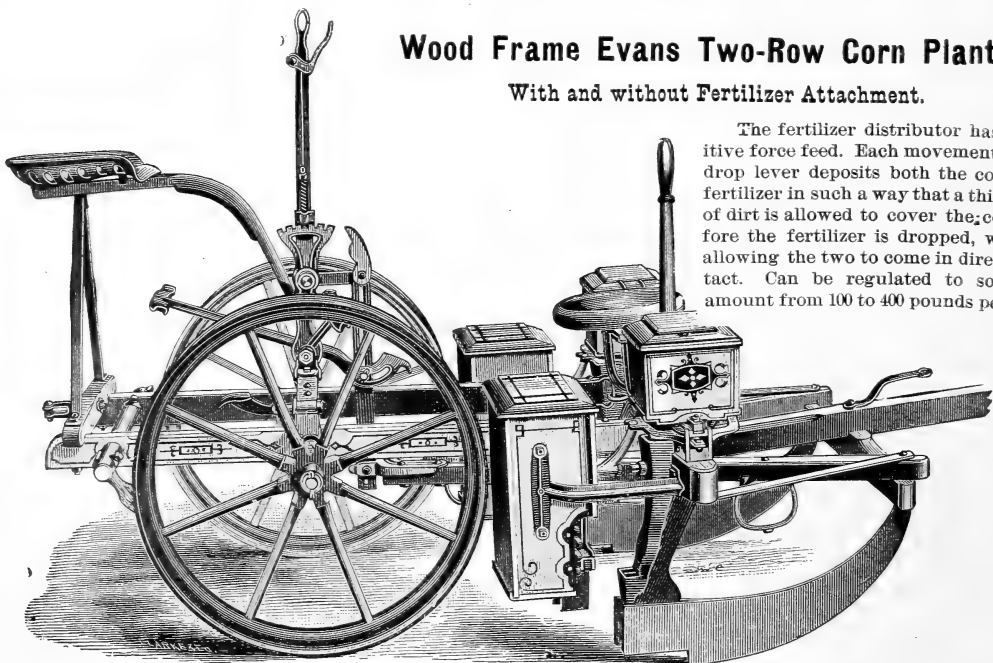
SPECIAL MACHINES WITH COVERING SHOVELS.—For localities where covering shovels are desired, we make a machine coupled farther apart for using covering shovels.

The driver can see the corn dropping from the top of the tube. He thus knows the feed is working properly.

Price of Planter, \$32.50; Planter with Covering Shovels, \$35.00; Check Rower, \$12.00; Steel Planter with Fertilizer Attachment, \$42.50.

Wood Frame Evans Two-Row Corn Planter.

With and without Fertilizer Attachment.



The fertilizer distributor has a positive force feed. Each movement of the drop lever deposits both the corn and fertilizer in such a way that a thin layer of dirt is allowed to cover the corn before the fertilizer is dropped, without allowing the two to come in direct contact. Can be regulated to sow any amount from 100 to 400 pounds per acre.

Plain Planter, \$30.00; with Fertilizer Attachment, \$40.00; Evans Check Rower, \$12.00.

ALL KINDS OF MACHINERY REPAIRED.

THE NEW EVANS CORN DRILL.

The advantage of planting corn in drills is that the grains are dropped separately, and some distance apart, thus giving each plant an opportunity to grow to full maturity.

SOME POINTS OF SUPERIORITY.

1. Our gearing is chilled in such a manner that it is very hard, therefore durable.
2. The lever for placing the pinion in or out of gear is placed between the handles close to the operator. This makes the Evans the most easily handled drill on the market.
3. The rotary drop will drill accurately 8, 12, 16 or 20 inches apart, as may be desired, dropping one grain at a time.
4. Has a heavy drive wheel, which makes the Drill run steadier, and is less liable to slip.
5. The shares are held by malleable iron clamps which give more strength than cast ones.

The New Evans One-Horse Corn Drill with Fertilizer Attachment has a positive force feed that will drill any of the popular fertilizers now in use. Worth four times its cost for one season's use to any farmer who uses fertilizers, as with it he can plant his corn and put in the fertilizer at the same time. No one who contemplates purchasing a Corn Drill should fail to examine the Evans.

The New Evans One-Horse Corn Drill with Fertilizer Attachment has a positive force feed that will drill any of the popular fertilizers now in use. Worth four times its cost for one season's use to any farmer who uses fertilizers, as with it he can plant his corn and put in the fertilizer at the same time. No one who contemplates purchasing a Corn Drill should fail to examine the Evans.

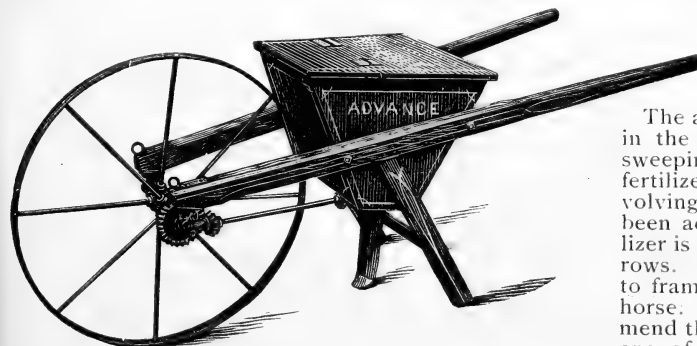
American Standard Hand Corn Planter. \$2.00.

Sold on its Merit. Accurate, Reliable and Durable.

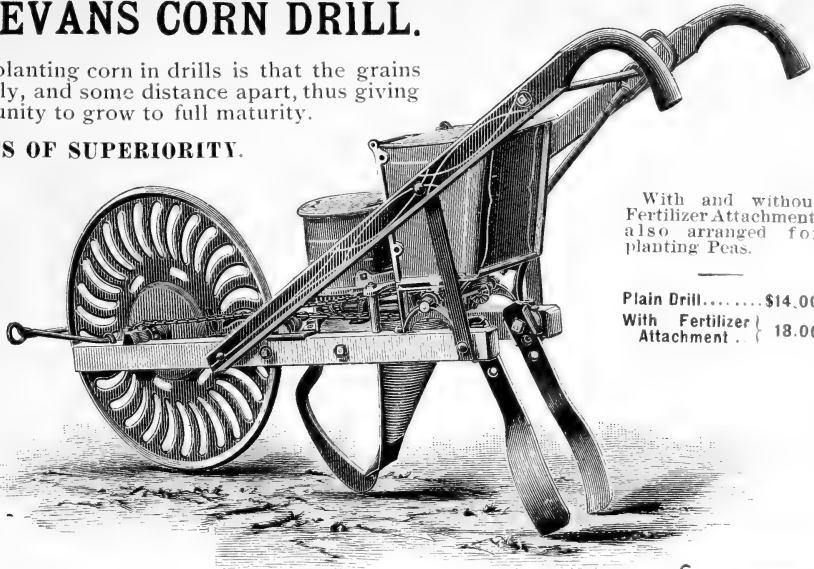
The only Planter containing an adjustable dropping disc. The disc is quickly adjusted for a light or heavy seeding, and rotates similar to the disc in a horse planter. Planter is easily operated by a boy or girl. Works in all kinds and conditions of soil, and is the only one which insures an accurate and reliable seeding. *Try one. It speaks for itself.* In addition to this we also carry another Planter, for parties wanting something cheaper, at \$1.50.

Advance Pea and Fertilizer Drill.

The distributing disc being of wrought iron, and galvanized, can neither break nor rust, thus entirely obviating the faults of glass and iron.



peas. The same can be said of it in regard to sowing fodder, corn or ensilage. **Price, \$8.00.**



With and without Fertilizer Attachment, also arranged for planting Peas.

Plain Drill..... \$14.00
 With Fertilizer Attachment . . . 18.00



The agitator is also new, being of steel, in the form of two knife-shaped arms sweeping around under the mass of the fertilizer and throwing it upon the revolving disc below. A shut-off has lately been added, whereby the waste of fertilizer is stopped when turning at ends of rows. As shown in cut, loops are bolted to frame for the purpose of attaching a horse. We cannot too strongly recommend this Drill to pea growers as being one of the very best tools for sowing

The "Improved=Robbins" Potato Planter.

WILL PLANT FROM FOUR TO SEVEN ACRES PER DAY.

PRICE OF PLANTER WITH FERTILIZER ATTACHMENT, \$65.00.

HOW IT WORKS.—The operation of the Planter is so simple that it seems scarcely necessary to do aught than to call attention to the cut.

The opening plow is a small double mould board plow, preceded by a thin steel runner to prevent clogging with trash, and which divides the soil for the plow. This runner or shield also prevents injury to the machine. In striking a "fast" rock, the blow is gradual, not sudden, thereby warning the driver to release the lever and enable him to pass over the rock. The plow throws out on each side a free furrow of loose soil, with no packing or wedging to crowd the future growth of the crop. It now has an independent adjustment by which its position can be changed so as to suit different depths of furrowing in different soils. Immediately following the plow comes the deposit of fertilizer (if used) in a broad stream across the bottom of the furrow.

DROPPING SEED.—Then follows the drill tube through which the seed is dropped, this tube being provided with a small shoe which opens a narrow groove in the bottom of the furrow and into which falls the seed.

The small shoe also divides the fertilizer, preventing it from coming in direct contact with the seed and mixes it with the soil in passing. Then immediately following come a pair of large steel discs which cover the seed with light, loose soil, all in a nice, moist state, just the right condition for starting a vigorous growth of the potato sprout.

DISTANCE APART.—The speed of the wheel which drops the potatoes is regulated by a simple change of sprocket wheels, those sent out with planter dropping at distances of about 12, 14, 15½, 17, 18½ or 20 inches.

SIMPLE AND EASY.—The handling of the Planter is exceedingly simple and easy, the movement of one lever stopping both potato and fertilizer feed, and at same time raising the entire gang of opening plow, potato tube and covering discs entirely free from the ground.

A PERFECT FERTILIZER DISTRIBUTOR.—We wish to speak particularly of the Fertilizer Distributor of the Improved Robbins, as we believe it to be beyond any doubt one of the best methods of distributing fertilizer yet adopted. The fertilizer is placed in a round hopper of galvanized iron, holding about one hundred pounds, and is fed downward through a central opening formed by a straight agitator shaft; the capacity of the distributor is up to a ton per acre, depending largely upon the condition of the fertilizer. The amount sown is quickly and easily regulated by the adjustment of gate or change of sprocket wheels.

The Improved-Robbins Potato Planter.

Shown at work with the Pea Sower and Leveler Attachments.

Pea, Bean and Corn Sower Attachment, \$5.00.

Leveler Attachment, \$1.25.



Particular attention is called to the Planter as being adapted to the planting of Peas. A large acreage having been sown with the most satisfactory results and with a very decided advantage over all other methods. The Planter has been sold for this purpose exclusively.

Also, as another attachment we have the Leveler, for leveling and smoothing the row, a capital thing to do in some soils.

Perfect in Principle and Construction.

We claim the Planter to be one of the most thoroughly constructed machines offered to the farming public; it is carefully made of the very best materials, and consequently is strong, durable and thoroughly practical.

ALL KINDS OF MACHINERY REPAIRED.



PRAIRIE CITY POTATO CUTTER.

The Prairie City Potato Cutter is admirably adapted to cut potatoes for seed in a very workmanlike manner, and faster than seven or eight men can by hand.

The construction of this Potato Cutter is simple, strong and durable. The knives are of saw-blade steel, the case of cast-iron, and wooden blocks between knives that hold them rigid in their places.

The shipping weight is eleven pounds, and you neither have to pay for the work or the freight on frame (see directions), which you can make for what the freight alone would cost.

Price, \$2.50.

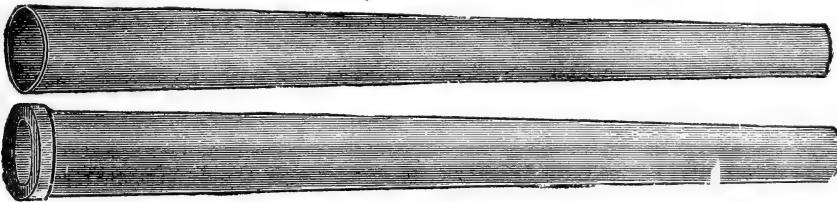
POTATOES.—NUMBER OF PIECES PER ACRE.

APART. In. Ft.	PLANTS.	APART. In. Ft.	PLANTS.	APART. In. Ft.	PLANTS.
12x2½	18,640	14x2½	16,000	18x2½	12,434
12x3	15,532	14x3	13,314	18x3	10,355
12x3½	13,289	14x3½	11,405	18x3½	8,874

DIRECTIONS FOR USING THE PRAIRIE CITY POTATO CUTTER.

Fasten the cutter by rear bolt to a barrel or box, with a space sufficiently large to let the pieces of potatoes fall through. Place a potato on knives with one hand, and with the other press it through, while reaching for another potato with the first hand. Cut one potato at a time. The more careful you are to place the potatoes the better the eyes will be distributed. You can, by changing knives, cut the pieces any DESIRED SIZE, and if desired you can place a division beneath so as to collect all the seed ends in one pile separate from the rest. If the lever suggests some other way, you can, by two screws, take it off and change it by making it longer, or by making the paddle smaller or larger, if desired, or you can leave it off and USE A WOODEN MALLET. Be careful not to press or strike harder than sufficient to drive the potato down—a little experience will determine the force required. To enable rapid work a small feed table placed close to the operator will be found very convenient.

Grain Drill Tubes.



For all leading Grain Drills, including Superior, Pennsylvania, Bickford and Huffman, Hoosier, Buckeye, etc.

Price, 40 cents each.

DOUBLE AND SINGLE POINTED

Grain Drill Points.

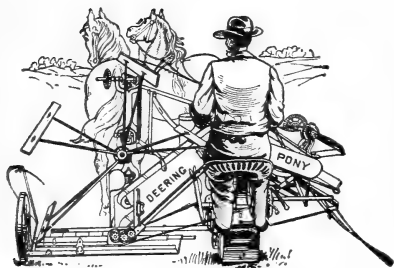


Price, 20 cents each.

ALL KINDS OF MACHINERY REPAIRED.

DEERING HARVESTING MACHINES

WITH ROLLER AND BALL BEARINGS.



DEERING PONY BINDER. "The Lightest Draft Binder on Earth."

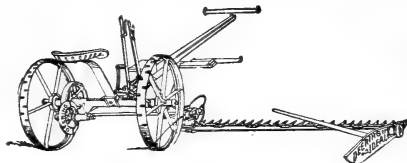
Roller and Ball Bearings; Elevator Extension for very long grain; unequaled One-lever Reel that picks up down grain, Binder Attachment and Knotter that forms the neatest bundles with the least twine; Jointed Platform that does away with the truck nuisance and makes transportation easy. The Pony Binder is thoroughly well made, from the best material, and will be merrily cutting grain when other machines are on the scrap-heap.

DEERING IMPROVED STEEL BINDER, with Roller and Ball Bearings, for 1896

and future years. Jointed Platform; One-lever Reel; Twine-saving Knotter; Broad Elevators and Binder Deck. This machine is known and appreciated wherever grain is grown.

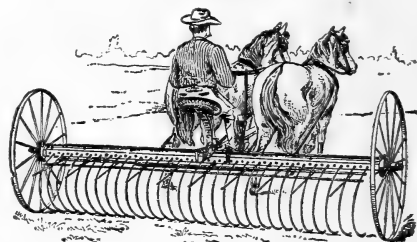


DEERING IDEAL MOWER, with Roller and Ball Bearings.



Draws one-third lighter than any other mower made. Serrated Ledger-plates hold up stubborn grasses and compel them to be cut. The only mower that can be driven at a slow walk in heavy grass and the only one that can be started in any crop without backing. New Foot-lift and Lifting Spring for 1896. All widths of cut,—3½ and 4 feet, One-Horse; 4½ and 5 feet, Ideal, 6 and 7 feet, Ideal Giant.

DEERING HAY RAKES, Hand and Foot-dump. All steel, with steel or wood wheels, as desired. Combined pole and shafts; 8½, 10½ and 12-foot widths in both hand and foot-dump.



DEERING IDEAL REAPER. A good implement.

DEERING HARVESTER OIL keeps the bearings cool.

DEERING BINDER TWINE is honest in quality, length, strength and twist.

ALL MANUFACTURED BY

DEERING HARVESTER CO., CHICAGO.

Send for Catalogue,—“ROLLER AND BALL BEARINGS ON THE FARM.”

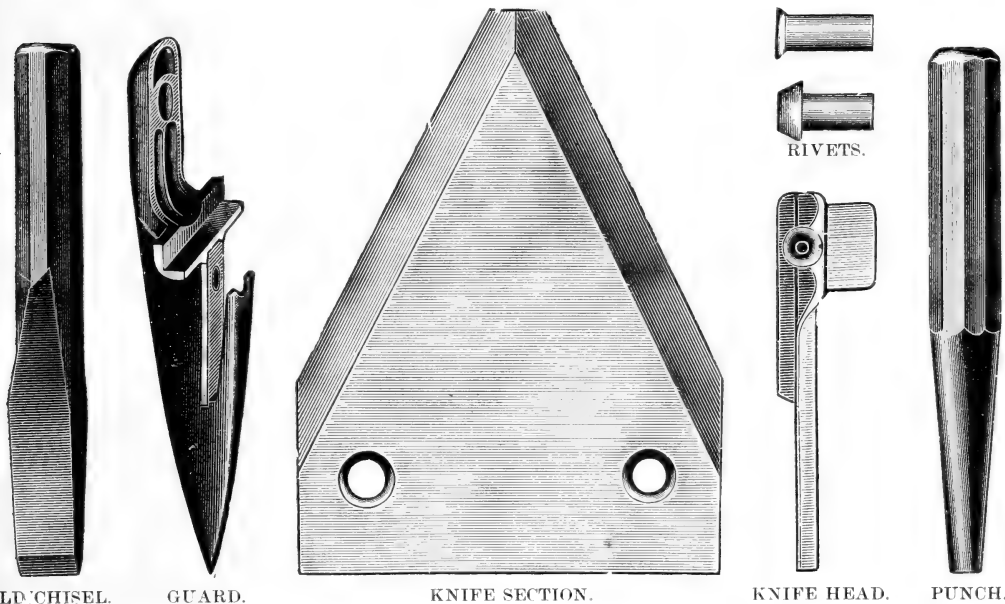
ALL KINDS OF MACHINERY REPAIRED.

WE ARE GENERAL AGENTS FOR A FULL LINE OF

Knives, Sections, Guards,
Rivets, Knife Heads,
Steel Punches, Cold Chisels, &c.,

For all the Leading Mowers, Reapers and Binders on the market.

Agents wanted for the sale of these goods throughout Maryland, Delaware, Virginia, West Virginia, Pennsylvania and the South. Write us for prices, terms, etc.



COLD CHISEL.

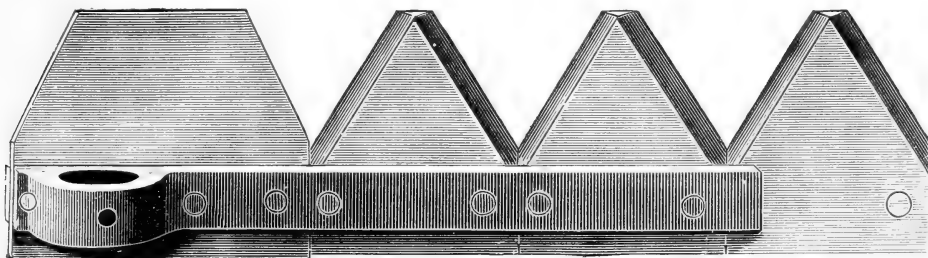
GUARD.

KNIFE SECTION.

RIVETS.

KNIFE HEAD.

PUNCH.



SECTIONS AND KNIFE HEAD.

BEST GOODS AT LOW PRICES.

ALL KINDS OF MACHINERY REPAIRED.

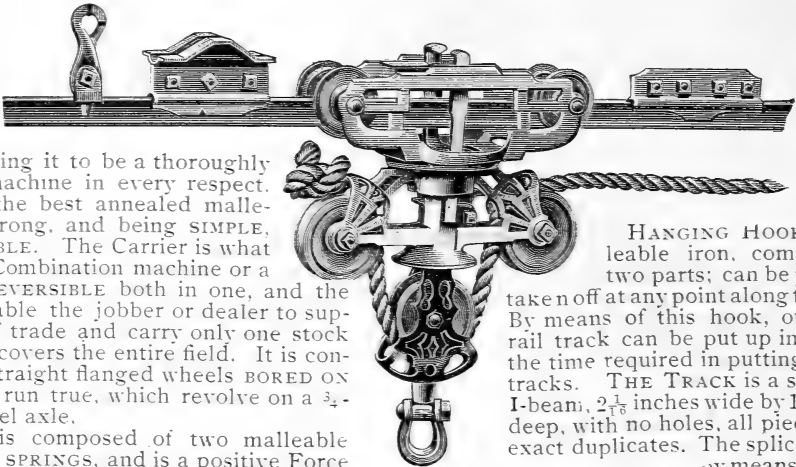
The Haymaker Carrier for Steel Track.

IN offering the HAY-MAKER Steel Track Carrier to our friends,

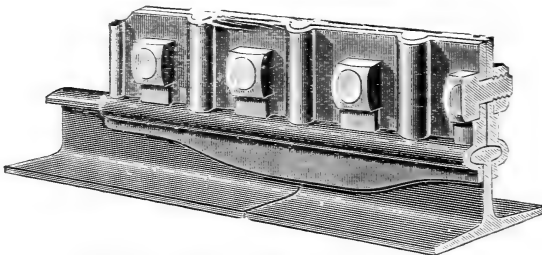
we do so knowing it to be a thoroughly FIRST-CLASS machine in every respect. It is made of the best annealed malleable iron, is strong, and being SIMPLE, must be DURABLE. The Carrier is what is known as a Combination machine or a SWIVEL and REVERSIBLE both in one, and the object is to enable the jobber or dealer to supply all kinds of trade and carry only one stock of goods, as it covers the entire field. It is constructed with straight flanged wheels BORED ON LATHE so as to run true, which revolve on a 3/4-inch turned steel axle.

THE LOCK is composed of two malleable pieces with NO SPRINGS, and is a positive Force Lock; cannot get out of order. STOP is clamped to TOP OF TRACK and can be adjusted to any point desired. All rope wheels revolve on large bushings.

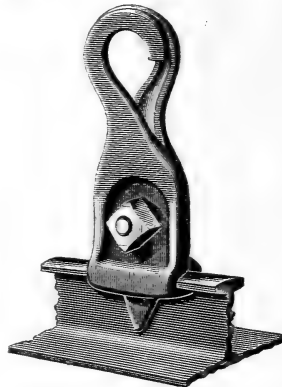
PRICE, - - - \$6.00.



HANGING HOOK is malleable iron, composed of two parts; can be put on or taken off at any point along the track. By means of this hook, our single rail track can be put up in one-half the time required in putting up most tracks. THE TRACK is a solid steel I-beam, 2 1/8 inches wide by 1 1/4 inches deep, with no holes, all pieces being exact duplicates. The splice is made by means of a malleable iron clamp, held in place by four bolts, and can be applied to any two pieces of the rail and make a splice as strong as any other part of the rail.

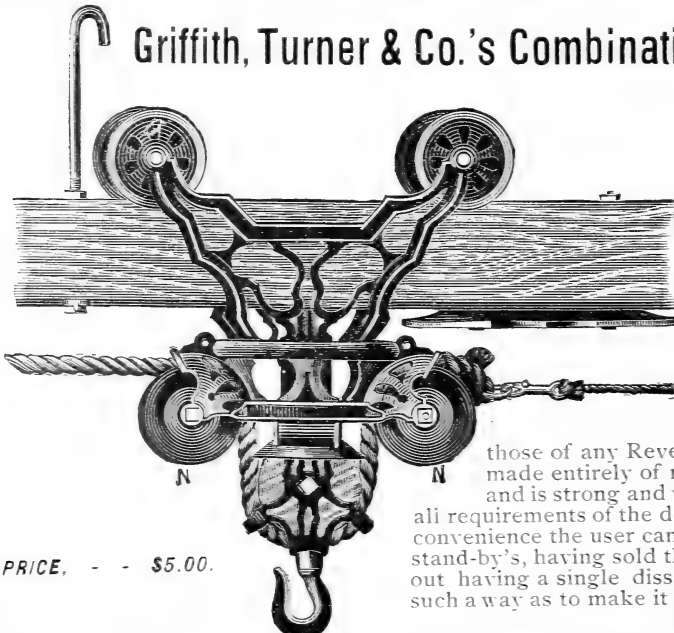


CROSS SECTION OF SPLICE.



HANGING HOOK.

Griffith, Turner & Co.'s Combination Reversible Carrier.



THIS illustration shows our New Combination Carrier. This Carrier is a straight reversible, having all the valuable features and advantages of our Double Lock. It has the same reversible Trips and Stops, and when used as a reversible Carrier, operates the same way and is reversed in the same manner. The new feature in this Carrier is that the two rope pulleys marked N N are hung on a turntable, which adds to this Carrier all the advantages found in a Swivel Carrier, in addition to

those of any Reversible Carrier in the market. It is made entirely of malleable iron from a neat pattern, and is strong and well finished. It cannot fail to meet all requirements of the dealer, and has every advantage and convenience the user can ask for. This car is one of our old stand-by's, having sold the same for a number of years without having a single dissatisfied customer. It is braced in such a way as to make it particularly strong.

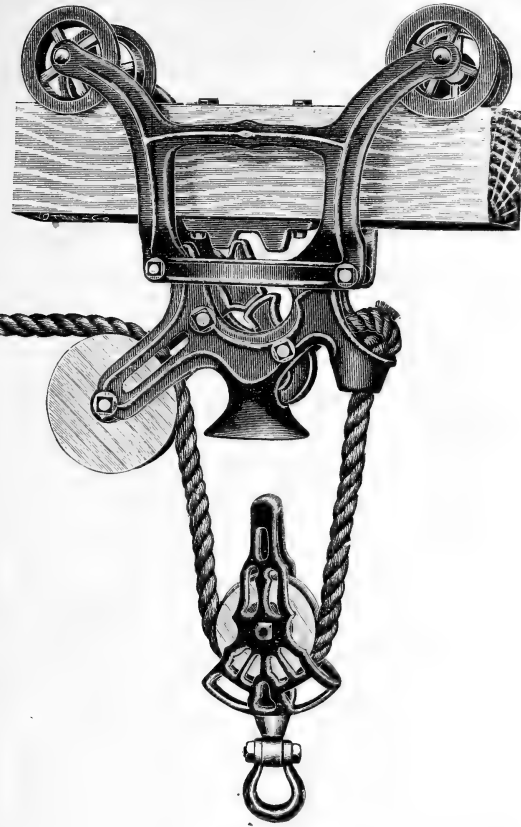
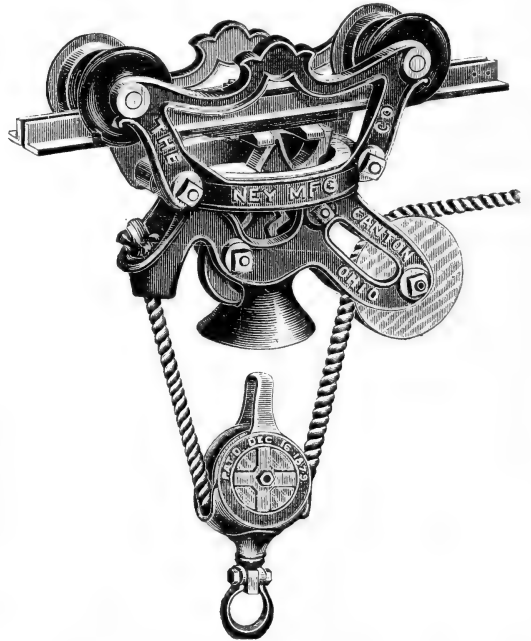
PRICE, - - - \$5.00.

**NEY'S PATENT IMPROVED
SWIVEL REVERSIBLE
HAY CARRIER.**

For Double Angle Steel Track.

This cut represents the Ney New Reversible Steel Track Car, which is made entirely of malleable iron. This carrier possesses advantages as a reversible carrier that cannot be found in any other machine. It will not pass the Bumper or Trip-Block while in operation, and has one of the most simple locks ever produced. The lock is positive and cannot fail to work perfectly. It is entirely independent of the rope, automatic in its movements, and has neither springs, clutches nor lugs to break, wear out or get out of order. Track travelers and rope pulleys revolve on turned iron bushings, making it one of the easiest running carriers on the market.

PRICE, \$6.00.



**NEY'S PATENT WOOD TRACK
CARRIER.**

For 4x4 Wood Track.

This cut represents our Swivel Reversible Carrier for wood track. In construction it is the same as the steel track car (reverses the same way), except that it is made to run on 4x4 wood track.

PRICE, \$5.00.

Our line of Hay Tools is, we think, the most complete to be found; it embraces the tools made by the two leading hay tool manufacturers in the country, and we are prepared to quote the goods to the trade at factory prices.

PATENT ROPE HITCH.

It is wanted by every farmer that uses a hay fork. No more hard knots to untie nor wasting of rope by cutting knot open. Rope can be released from whiffletree instantly. Hitch can be shortened to any desired length by drawing on end of rope. Twist in rope is removed by means of swivel, instead of going to the end to affect the working of the carrier. A valuable device for anyone using rope.

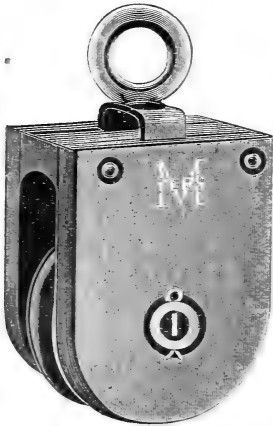
PRICE, 25 CTS.

RAFTER GRAPPLES.

PRICE, 60 CTS.



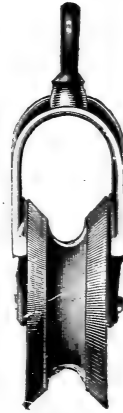
Hay Tool Supplies.



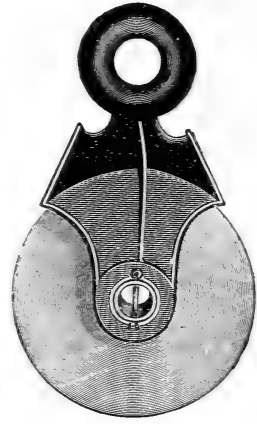
Iron Strapped Pulley.
Price 50 cts.



Malleable Frame Knot Passing Pulley. 50 cts.



End view Mal. Knot Passing Pulley.



The Maple Sheave Pulley. 35 cts.



Hanging Hook. 10c.



Floor Hook.
10 cts.

MALLEABLE FRAME KNOT PASSING PULLEY.

The sheave is hard maple and the frame of the best annealed malleable iron, is neat and strong, It will pass a large knot or splice, and is less liable to wear out rope than any other pulley.

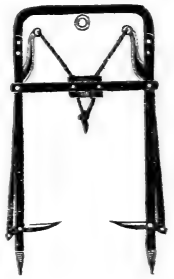


Rafter Bracket.
10 cts.

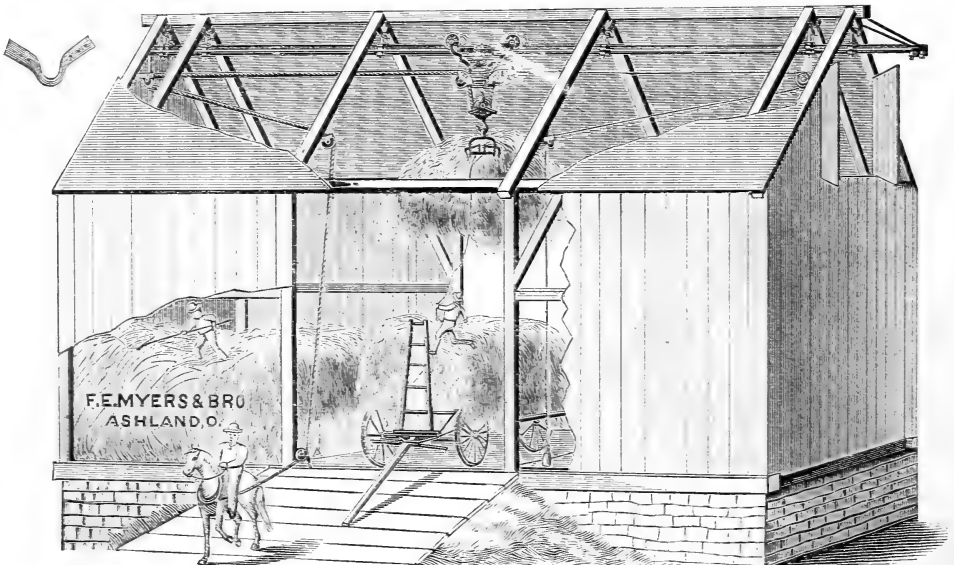
THE MAPLE SHEAVE PULLEY.

shown in the accompanying cut, has a deeply grooved wooden sheave made of the best well-seasoned maple, and is nicely finished in oil.

The case is heavy, strongly ribbed, and has swivel eye.



Double Harpoon Hay Fork.
\$1.25.



STEEL TRACK HAY CAR IN USE.

ALL KINDS OF MACHINERY REPAIRED.

PLOW HANDLES.

1/8 x 2 in., 5 feet long.....per pair.. \$0.35
 1 1/4 x 2 1/4 in., 5 feet long..... " .. 40

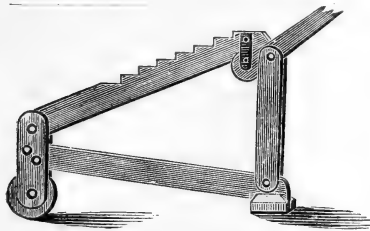


MILLER'S IMPROVED WAGON JACK.

IT IS MADE IN THREE SIZES.

- No. 1. Adapted for Buggies or light work, capacity 2000 lbs., \$1 25
- " 2. For Heavy Wagons, Transfer Wagons, Trucks, &c., capacity from 3000 to 5000 lbs..... 1 50
- " 3..... 2 25

It is made of selected Ash wood, put together with bolts. Its weight is respectively 9 and 14 pounds each for Nos. 1 and 2. They are very strong and durable, as the strain comes parallel with the grain of the wood, the weight is shared throughout the entire machine. Some of the advantages of this Jack over all others on the market are: It is so constructed that you do not have to make any adjustments for different height axles, as that is regulated by the notch bar. The notch bar raises perpendicular, which keeps the vehicle from pushing forward or backward, and thereby doing away with blocking or scotching. You do not, in placing it under a spring wagon or truck, have to get down under the bed to place it under the axle. It will work on any kind of surface. The eccentric lever with the moving bars gaining on every pound lifted, makes it a good lever by which a boy ten years of age can lift the heaviest wagon. This Jack is an improvement which combines *Simplicity, Practicability and Efficiency.* This is the best Jack made! Gives entire satisfaction! Why not try it?



We also have a cheap Jack, very simple in construction, but one which is easily handled, and is all right for light work. **Price, 50 cents.**

BOLSTER SPRINGS.

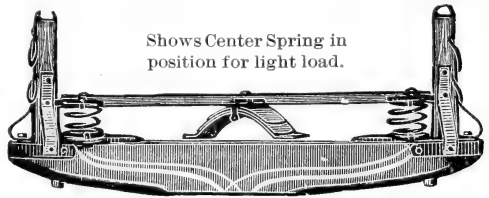
These goods are growing in popular favor more and more every year, and, in fact, no farmer can afford to be without them; will pay for themselves in a short time. Wagon will last longer, will carry load in much better condition, particularly fruit or produce that is likely to become bruised, etc., and will make the load run much easier to the horses. We are general agents for the North and the Belle City, both of which have given our customers perfect satisfaction.

The North Patent Adjustable Bolster Springs.

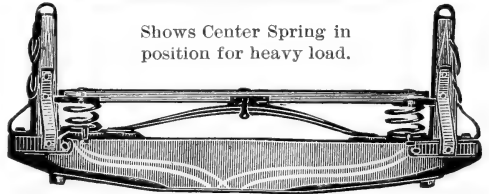
Improved patent October 19, 1888.

PRICE LIST.

To carry 1000 lbs.....\$4 00	To carry 4000 lbs.....\$10 00
" 1500 lbs..... 6 00	" 5000 lbs..... 11 00
" 2000 lbs..... 7 00	" 6000 lbs..... 12 00
" 3000 lbs..... 8 00	

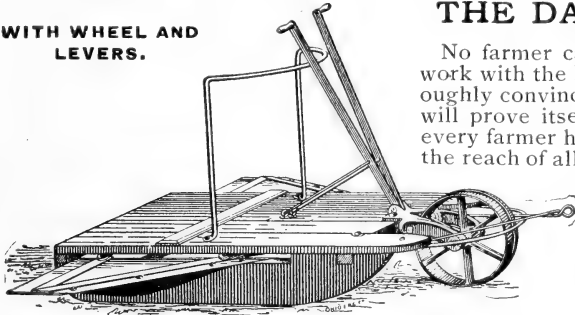


Shows Center Spring in position for light load.



Shows Center Spring in position for heavy load.

WITH WHEEL AND LEVERS.



THE DAISY CORN HARVESTER.

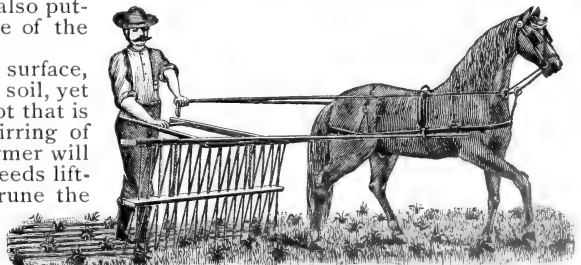
No farmer can afford to do without one. A few hours' work with the Daisy Corn Harvester and you will be thoroughly convinced that we can substantiate our claims, as it will prove itself an implement that will be welcomed by every farmer having corn to cut. The price being within the reach of all, the ease and rapidity of the work it will do, the excellent satisfaction it gives, the simplicity of construction, the large amount of work that can be accomplished, ease of management and advantages it possesses over all others, makes the Daisy one of the most desirable tools for a farmer to use and a dealer to sell. **Price, \$16.00.**

Standard Steel Corn Harvester with Shafts, the best made, - - - - price, \$25.00

BREED'S UNIVERSAL WEEDER AND CULTIVATOR.

For weeding Corn, Potatoes, Beans, etc., also putting in Grain, Grass Seed, Millet, etc. One of the greatest labor-saving inventions in use.

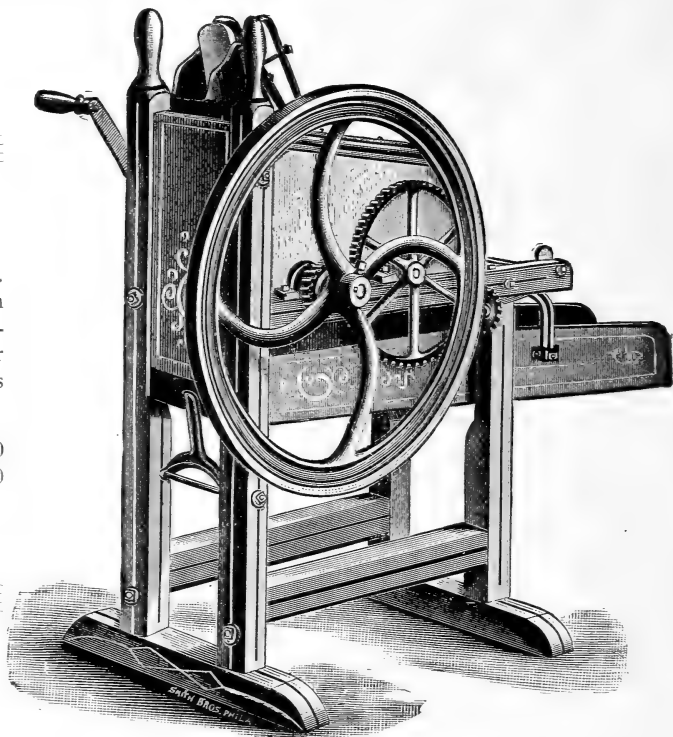
It is well known that corn roots run in the surface, making a complete net work of roots in the soil, yet we put in the cultivator and break every root that is sent out between the rows. This deep stirring of the soil is to *kill the weeds only*, for no farmer will claim that since planting his corn the soil needs lifting in this way. Is it wise thus to root-prune the corn at this stage of its growth to kill *surface weeds*? The answer comes in the negative from hundreds of farmers who have tried the new method of weed killing.



PRICE OF REMOVABLE TOOTH WEEDER, \$12.00.

ALL KINDS OF MACHINERY REPAIRED.

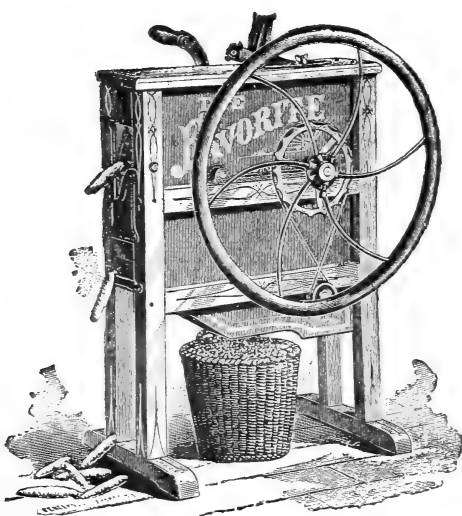
Farmers' Favorite Double Spout Sheller.



STEEL SHAFTS, heavy fly wheel.
Fly wheel shafts should run 240 revolutions per minute. Capacity by power, 500 to 600 bushels per day; capacity by hand, 200 bushels per day.

Price, with Shaker, \$16.00
Price, without Shaker, 15.00

Farmers' Favorite Single Spout Corn Sheller.



DESCRIPTION. — The frame is of seasoned hard wood, mortised and pinned together, perfectly true to a square so that all parts work smoothly. The gears are all inside and no danger to any one because of outside gearings. The shafts are all lathe turned and the gearing of the best wrought and gray iron. It has a steel spring adjuster in the hopper and is easily adapted to large or small ears of corn. It has a large balance wheel with wrought iron spokes, weighing 35 pounds, is easy to run and shells the cob clean. It separates the corn and cobs and with the fan will clean for market or grinding. The corn is discharged beneath the sheller, the cobs at the end. It is well made, nicely painted, striped and varnished. Warranted first-class in every respect.

Plain Sheller,	\$7.00
Sheller, with Fan,	8.00
FF No. 2 Sheller, plain,	6.00
“ “ with Fan,	6.50
FF No. 3 Sheller, with Separator,	5.50
FF No. 4 Sheller, plain, discharges corn and cob together,	5.00

ALL KINDS OF MACHINERY REPAIRED.

CYCLONE CORN SHELLER.

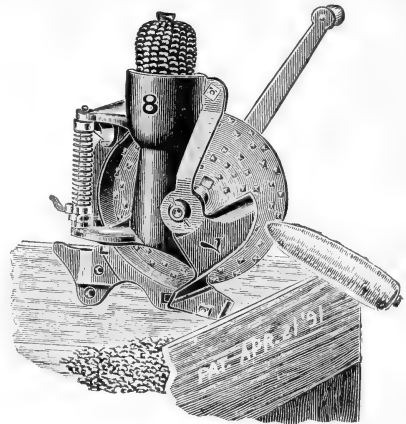
Having felt the need of a more perfect and effective sheller than had ever been introduced, and in order that the many who are desirous of purchasing a machine can have one which will be satisfactory and can be relied upon, we now offer

The Cyclone,

which we are sure will meet all requirements, in which the manufacturers have succeeded in overcoming the frequent clogging and choking, which is the constant objection to all other machines in the market, and have now a machine which will please the trade.

The factory has been very particular to make every part strong enough to stand all strains that it would be likely to have, but if by some misuse any part should be broken it can easily be repaired at a slight expense, as all parts are made in duplicate and kept in stock.

We wish also to call attention to the manner in which the tension of the spring is adjusted. It is simple and can easily be adjusted to any size ears desired. Every farmer should have one, as they are the best and cheapest machines offered to the public.

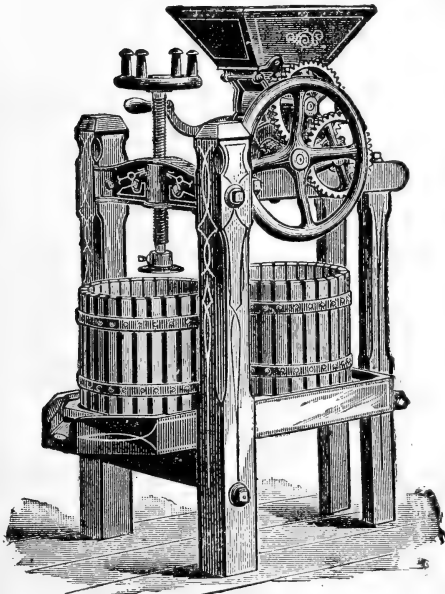


PRICE, \$3.00.

Several Reasons Why You Should Have One.

- 1st. It is cheap, simple and effective.
 - 2d. It is fully warranted against breaking or getting out of order by any fair usage.
 - 3d. It takes less power to do the same amount of work than any other machine of its size ever made.
 - 4th. All the tools that are required to adjust the machine is a small wrench.
 - 5th. It has no small springs or small parts to break loose or get out of order.
 - 6th. There is no time lost after you are through shelling by picking the cobs out of the shelled corn, as the machine takes the corn all off the cob, drops the corn in the box or basket, takes the cob on around and throws it off at the side.
 - 7th. By a little practice with it you can easily shell one bushel of ears in about 4 minutes or less. The Sheller is small, but will do the work of many a larger machine.
 - 8th. The spring can be adjusted to any tension required.
- A Sheller Wrench accompanies every machine.*

THE BALTIMORE CIDER MILL.



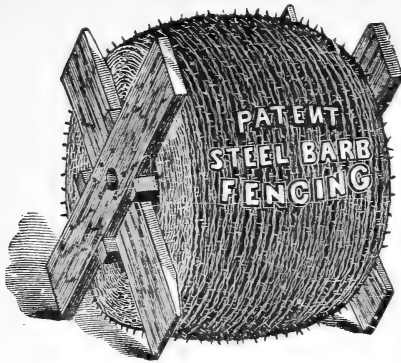
Our Cider Mills are first-class in every particular, are unsurpassed in quality, durability and capacity, and are made of best material in both wood and iron. The grinding apparatus is of the most satisfactory pattern, and is made adjustable so as to grind both small and large fruit equally well.

Small Double Cage Mill	\$15 00
Medium Double Cage Mill	20 00
Large Double Cage Mill	25 00
No. 0, Hutchinson Single Cage Mill . . .	10 00
No. 1, Hutchinson Single Cage Mill . . .	12 00

Special Discount on Cider Mills.

ALL KINDS OF MACHINERY REPAIRED.

Superiority of Waukegan Barbed Wire.



For several years makers of Barbed Wire have sought how best to retain the acknowledged merits of the "Old Glidden," and at the same time produce a barb which should be lighter, and yet equally efficient. Our manufacturers have been remarkably successful, the Waukegan Barb being superior to others in that, while it is lighter than any other, it is as *strong* as the *strongest*, this being accomplished by using a half-round wire which clasps the main strand as if *welded* to the same, while the flat projecting points receiving a half turn before they are sharpened, include the strength of full-sized round wires, thus securing all the stiffness and resisting qualities in less than half the weight of round wire, to say nothing of the great advantages of stiffness and snugness consequent upon twisting these ends firmly to place.

The result is a style of Barbed Wire as strong as any made, and weighing *less to the rod* than any other.

Waukegan Two Point Thick-Set.

Barbs 3 inches apart.
Measuring 18.20 feet to 11b.
Affording the purchaser 10 3-10 rods or 170 feet more per 100 lbs. than any other Barbed Wire made.



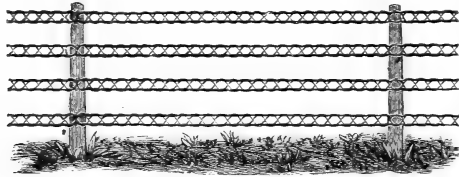
Plain Ribbon Wire Fencing without Barbs.

Galvanized Flat Twisted Fencing, 1/2 inch Wide. Put up on 50 and 100 Pound Spools.

This style of fencing is capable of wonderful resistance, owing to the great strength obtained by the size of the wire and method of construction. It makes a fence which can be plainly seen from a distance, and with the elasticity imparted by the twist, no sagging can occur, if properly put up. Special square top staples and clasps for splicing furnished at lowest prices. A very popular lawn fence.

Plain Twisted Two Strand Wire Fencing.

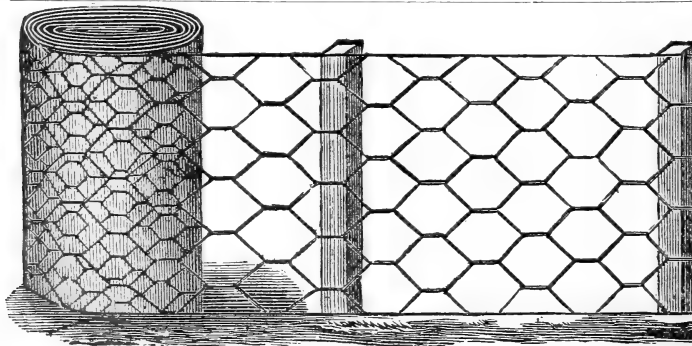
Light, strong, durable, cheap. Used largely for lawns and home enclosures.



Truss and Cable Fence Wire.

This Fencing is constructed upon well known mechanical principles. It is composed of six galvanized spring steel wires of superior quality and is about 1 1/2 in. wide. Its strength is equal to the combined tensile strength of all the wires, and its construction is such as to allow for the expansion and contraction of heat and cold without stretching. It combines all the desirable qualities of

the simple cable with those of increased strength, width, and therefore visibility, resulting from a union of truss and cable, and costs less per rod than any strand of equal width in the market.



Poultry Netting.

For Enclosing Poultry Yards.

The Wire we offer is all No. 19 double twist, 2-inch mesh, thoroughly galvanized after weaving. Sold in bales of 150 running feet.

Prices, 2-inch Mesh.

12 in. wide.	150 sq. ft.	\$.75 per bale.
18 "	225 "	1.13 "
24 "	300 "	1.50 "
36 "	450 "	2.25 "
48 "	600 "	3.00 "
60 "	750 "	3.75 "
72 "	900 "	4.50 "

Prices for less quantity, 1 ct. per sq. ft. Staples for fastening, 10 cts. per lb.



The Townsend Wire Stretcher.

With this implement the person stretching the wire can nail it to the post from which he is stretching without assistance. The only true principle for a Wire Stretcher. It will give you better satisfaction than any stretcher you can find. Do not fail to get it.

PRICE, 75 CENTS.

ALL KINDS OF MACHINERY REPAIRED.

"HARTMAN" STEEL PICKET FENCE.



STRONG: Because made entirely of steel.
DURABLE: When once erected it is as solid as a rock. It cannot be blown down, it cannot be pulled down, it cannot burn up.
ORNAMENTAL: As shown in the engravings, with Steel Posts, Top Rail and Gates, its gracefulness is in striking contrast to the clumsy wooden Picket Fence. It has no unsightly base boards to rot and shade the plants. It ornaments the grounds without concealing them.
CONVENIENT: Easy to handle, quickly put up, all the parts fit perfectly, no post holes to dig, in fact, not only the strongest permanent Fence, but the most convenient to handle and erect.
CHEAP: The cost of this Fence is no more than for an ordinary, cumbersome wood picket fence. Add to this that the expense of erecting it is much less than for any other fence made, and its cheapness is established. Who would not have a beautiful, lasting Steel Fence in preference to a wooden one at anything like the same price.
THE PROOF: Where once erected there is an immediate demand for it. IT SELLS ITSELF.

Handsome, Durable, Cheaper than Wood.

SPEAR TOP LAWN FENCE—Fig. 1.

The illustration represents our 37-inch No. 1 Spear Top Lawn Fence erected with Steel Posts and Rail. It makes a beautiful fence. The pickets are heavy No. 6 wire, galvanized, three inches apart, and we furnish it in heights of 31 in., 37 in., 43 in. and 49 in., with gates to match. The standard height is 37 in.

The No. 2 "Extra Heavy" Spear Top Fence is like above, with pickets of No. 4 wire, making an exceedingly strong fence, suitable for fine residences, churches, schools, court houses, etc.

STYLE No. 3—ROUND TOP,

Is made of No. 8 wire, galvanized. This Fence is only made in "Round Top." It makes an excellent division fence, when the buyer wishes to still further lessen the total cost.

We also have No. 1 "Spear Top" and No. 3 "Round Top" with "close" pickets, 2 in. apart, proof against chickens and small animals.

PRICE LIST.—(Subject to change without notice.)

STYLE.	Height.	Size of Pickets.	Distance between Pickets.	Number of Cables.	Size of Wire (2 Strands) in Cables.	Per Lineal Foot, Galvanized.	Per Lineal Foot, Painted.	"Close" Fence, 2 in. between Pickets, per Lineal Foot.					
								Galvanized.	Painted.				
No. 1, Standard Spear Top Lawn Fence.	31 in.	No. 6 Wire	3 in.	5	No. 12 Wire	18 cts.	Made to Order only. Prices on Application.	23 cts.	Made to Order only. Prices on Application.				
	37 "	"	"	6	"	20 "		25 "					
	43 "	"	"	7	"	23 "		29 "					
	49 "	"	"	8	"	27 "		34 "					
No. 2, Extra Heavy Spear Top Lawn Fence.	31 "	No. 4 Wire	3 in.	5	No. 12 Wire	23 "		Made to Order only. Prices on Application.		. . .	Made to Order only. Prices on Application.		
	37 "	"	"	6	"	27 "				. . .			
	43 "	"	"	7	"	30 "				. . .			
	49 "	"	"	8	"	34 "				. . .			
No. 3, Round Top Field Fence.	36 "	No. 8 Wire	3 in.	6	No. 12 Wire	13 "				Made to Order only. Prices on Application.		18 "	Made to Order only. Prices on Application.
	42 "	"	"	7	"	14 "						19 "	
	48 "	"	"	8	"	17 "	22 "						

Rolls of Steel Picket Lawn Fence contain 300 feet each.

In ordering, give "Style" or "No." Height and size of Picket.

Nos. 1 and 2 are "Spear Top," but can be made to order in "Round Top." No. 3 is made in "Round Top" only.

We can make to order, in addition to the above heights, 25, 55 and 61 inches.

"HARTMAN" WIRE PANEL FARM FENCE, GALVANIZED. Prices according to quantity.

While we quote above sizes and styles of Fence, we carry but one size and style, viz: No. 1, STANDARD, 37 INCHES HIGH, AT 20 CENTS PER LINEAL FOOT. Will order any of the other styles wanted.

THE "HARTMAN" STEEL TREE AND FLOWER GUARD. Is Ornamental, Strong, Durable and Cheap.

Made of heavy galvanized steel wire.

The Spiral Wire Coils for attaching this Guard to the tree are elastic and freely expand with the growth of the trunk, and prevent any friction or chafing of the tree against the guard during storms or high winds.

All wooden boxes, and similar rigid styles, are liable to seriously injure or retard the growth of the tree, aside from harboring insects that are known to be the worst enemies of the maple and other shade trees. Besides, the wooden boxes are clumsy, unsightly, and require frequent repairs and painting.

The Guards are light and graceful in appearance, making an ornament to the grounds; will not conceal the foliage nor shade the plant or tree from the sun; will not harbor insects and will allow cultivation of the ground; they take but a moment to erect, and are easily moved from place to place.

Cheaper than a wooden guard, three times as durable, and very much handsomer.

The Flower Guard is the most perfect and elegant device ever offered for the protection and support of flowers, plants, shrubs, rose bushes, small fruits, etc., on the lawn or in the garden.

Galvanized Steel Picket Tree Guards.

No. 1, 9 in. in diameter, 5 ft. 8 in. high, \$12.00 per doz. or \$1 25 each

For special Guards add \$1.00 per dozen for each additional inch in diameter over nearest smaller regular size.

Directions for Putting up Tree Guards.—Put the Guard around the tree, then hook the ends of the cables together, and close the open hook down with a pair of nippers to prevent them from unhooking; settle the lower ends down in the ground about one inch and then put the coil springs around in the opposite direction, as shown in cut, which completes erection.

GALVANIZED STEEL PICKET FLOWER GUARDS.

No. 1, 14 inches in diameter, Per dozen, 24 inches high, \$5.50 or 55 cents each; 30 inches high, \$6.50 or 60 cents each. No. 2, 10 24 inches high, 4.50 or 50 cents each; 30 inches high, 5.50 or 55 cents each.

For special Flower Guards add \$1.00 per dozen for each additional 6 inches in height, and 50 cents per dozen for each additional inch in diameter over nearest smaller regular size.

Directions for Setting Flower Guards.—Gather the bush or shrub together while putting the Guard around it, then hook the ends of the cables and close the open hook down with a pair of nippers to prevent unhooking; settle the lower ends down in the ground about an inch, and it will support the plant in a natural and graceful position. Order by Number and Height.



HARTMAN IMPROVED HITCHING POST.

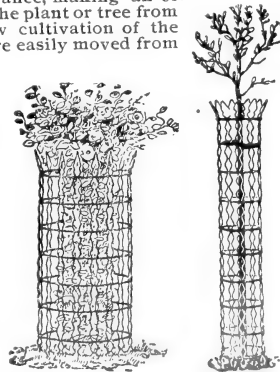
It cannot be broken or pulled out.

Made of tubular steel, thoroughly painted.

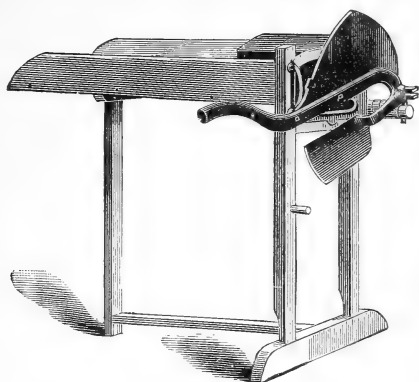
Anchored at the bottom and at the ground level.

These Posts furnished with Weldless Steel Chain and Spring Snap, complete.

Price complete, \$150 each.



They can make this Guard for any size of tree.



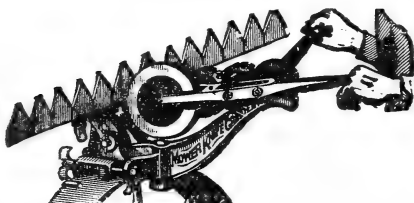
Baltimore Lever Cutters.

We are making these Cutters of the best material and with best possible device for adjusting the knife; there is also incorporated in above every good feature that could be suggested. The knife is readily adjusted, and any farmer can sharpen it with ease. Every Cutter has a gauge-plate which regulates the length of cut.

To meet the demand of some of our customers we are building this Cutter with four legs instead of three, as shown in the cut, and with both straight and curved knife. In ordering, state whether straight or curved knife is wanted.

PRICE, \$5.00.

Dutton Mower Knife Grinder.



The wheel is made of corundum and is hollow. Fill the wheel with water before using. When in motion the water is forced out through the wheel, which is porous. This keeps the knife cool. No gumming; no loss of temper, either on the part of the knife or its owner.

PRICE, \$5.00.

Maryland Lever Cutter.

Strong, Durable and Cheap.

Price, \$4.00.



Decarbonized Metal Farm Bells.

No.	Diameter of Bell.	Weight, Complete.	List Price, Bronzed.	Retail Price, Bronzed.
No. 1.....	15	40 pounds.	\$4 00	\$2 00
" 2.....	17	50 "	5 00	2 50
" 3.....	19	75 "	7 50	3 75
" 4.....	20	100 "	10 00	5 00

Above prices include bells and hangings complete.



The Canton Hoist.

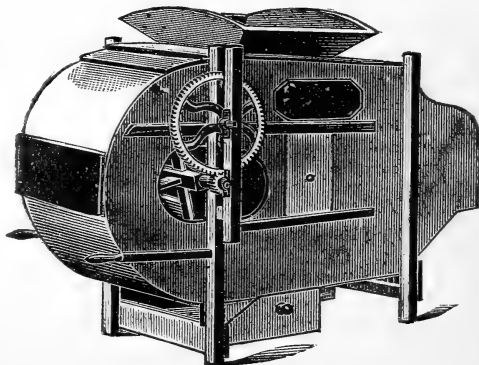
Can be used to advantage in factories of all kinds, foundries, quarries, mills and warehouses; also by contractors, carpenters, stone masons and all classes of mechanics, as well as farmers. *They are indispensable on the farm.*

Special farm size, No. 37, capacity 800 }
pounds; one man can lift 400 pounds. } **PRICE, \$4.00.**

Rice's Calf Weaners.



And to prevent cows from sucking themselves.
No. 1, for Calves, 30 cts. By mail, 35 cts.
No. 2, for Heifers, 50 cts. By mail, 56 cts.
No. 3, for Cows, 75 cts. By mail, 85 cts.



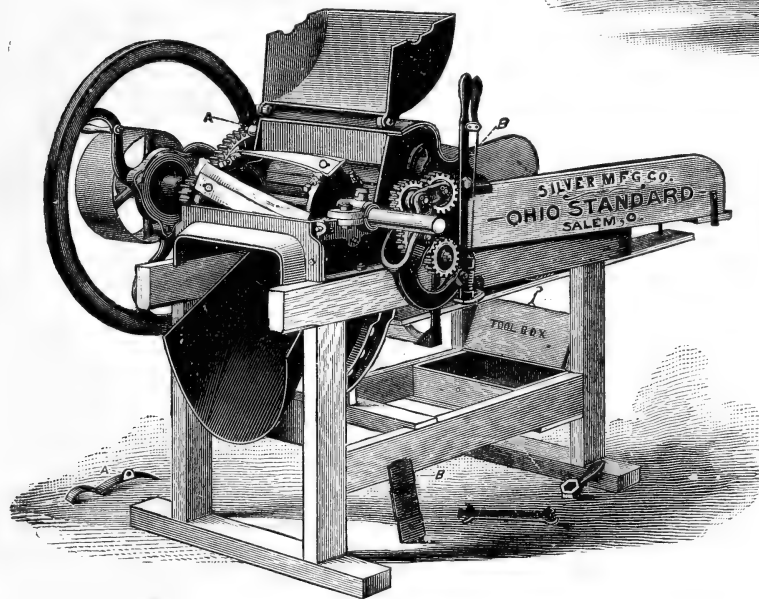
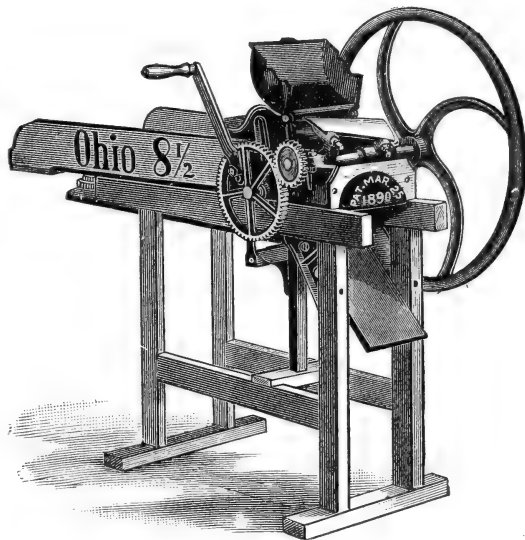
Improved Grain Fan. PRICE, \$20.00.

Silver's Ohio Feed Cutters and Carriers.

The cut represents our new "Ohio" Hand Feed Cutter, which was made to supply a long felt want for a Hand Cutter that could be sold at a moderate price and combine the qualities of lightness and strength, ease of operation, convenience, and simplicity of construction.

SIZES AND PRICES.

- Pony Cutter, one 11¼ in knife, \$18 00
 - No. 7, two 7-inch knives 20 00
 - No. 8½, two 8½-in. knives, cuts ¼, ⅜, ¾ in. 25 00
- Less 30 per cent. retail.



The Ohio Standard Feed Cutter has long been known as one of the best "general purpose" Power Cutters manufactured. This cut represents our New Ohio Standard Cutter, which has been rebuilt, strengthened and improved throughout, is now a model of durability, simplicity and efficiency.

TWO KNIVES.

FOUR KNIVES.

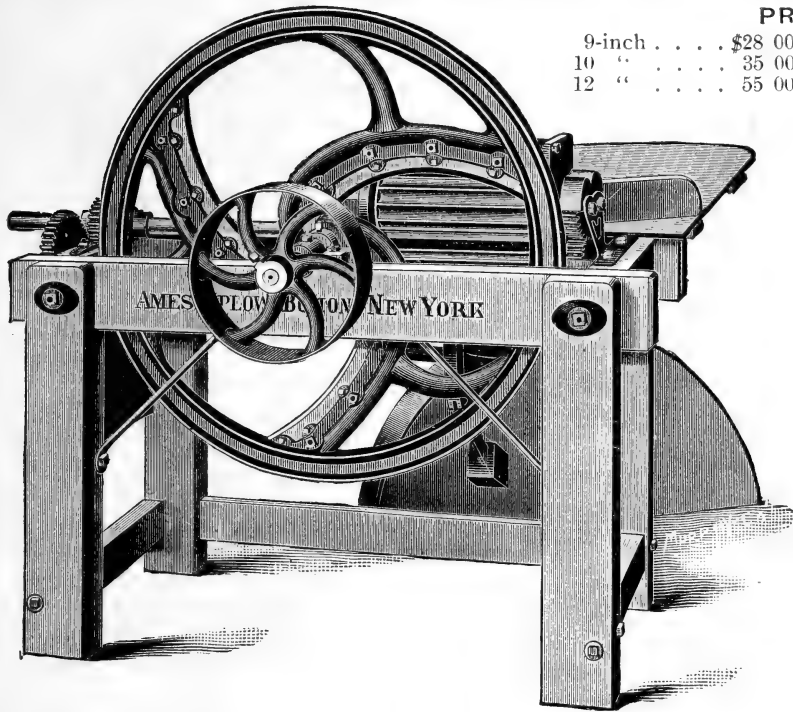
No.	Knives.	Fly-Wheel.	Lengths Cut.	Price.	Lengths Cut.	Price.
No. 9.	9-inch.	Common.	½, 1, 1½, 2 in.	\$32 00	¼, ½, ¾, 1 in.	\$ 40 00
No. 9.	9-inch.	Safety.	½, 1, 1½, 2 in.	35 00	¼, ½, ¾, 1 in.	45 00
No. 11.	11-inch.	Safety.	½, 1, 1½, 2 in.	40 00	¼, ½, ¾, 1 in.	65 00
No. 13.	13-inch.	Safety.	½, 1, 1½, 2 in.	58 00	¼, ½, ¾, 1 in.	90 00
No. 16.	16-inch.	Safety.			¼, ½, ¾, 1 in.	120 00
No. 18.	18-inch.	Safety.			¼, ½, ¾, 1 in.	200 00
No. 20.	20-inch.	Safety.			¼, ½, ¾, 1 in.	250 00
No. 24.	24-inch.	Safety.			¼, ½, ¾, 1 in.	

Less 30 per cent. retail.

Can also furnish a full line of carriers for any of the different sizes Ohio Cutters; prices on application.

Our 24-inch Cutter is in use and recommended by E. & E., Cut Hay Co. of Baltimore, one of the largest manufacturers of cut hay in the United States.

Doctor Bailey Ensilage and Dry Forage Cutters.



PRICES.

9-inch	\$28 00	14-inch	\$75 00
10 "	35 00	16 "	95 00
12 "	55 00	20 "	120 00

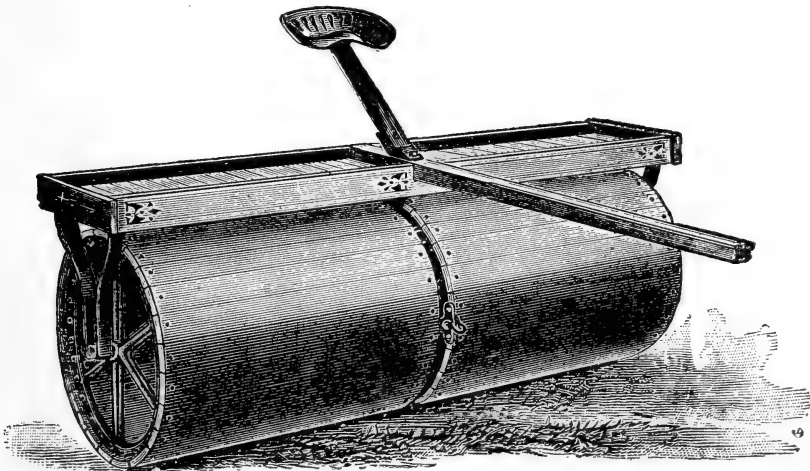
A discount of 10 per cent. to farmers from above prices.

The Dr. Bailey Ensilage Cutters have many advantages possessed by no other ensilage machine or cutter. Strength, durability, simplicity and rapidity of work are among the qualifications. They are giving entire satisfaction, and the ever increasing demand shows their great popularity.

There are six sizes. The size with 10-inch knives is for hand use, the 12-inch machine is for use by hand or horse power, the 14-inch machine is for one horse-power, while with a one horse-power the 16-inch machine (illustrated above) will cut much more than any cutter having convex knives.

Upon a careful test at "Winning Farm," the Dr. Bailey 20-inch machine cut green corn fodder at the rate of 7 tons per hour, $\frac{3}{8}$ of an inch long, and at the rate of 15 tons per hour, $\frac{3}{4}$ of an inch long. The 12, 14, 16 and 20-inch machines cut ten different lengths: $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2 and $2\frac{1}{2}$ inches. The 10-inch machine cuts four different lengths, $\frac{3}{8}$, 1, $1\frac{1}{2}$ and $2\frac{3}{8}$ inches.

Lawn and Field Rollers.



LAWN SIZES AND PRICES.

No. 0, two sections, each $6\frac{1}{2}$ -inch face, 10 inches in diameter, weight 130 lbs	\$ 6 00
No. 1, two sections, each 9-inch face, 12 inches in diameter, weight 200 lbs	8 00
No. 2, two sections, each 11-inch face, 15 inches in diameter, weight 300 lbs	10 50
No. 3, three sections, each 12-inch face, 25 inches in diameter, weight 700 lbs., complete with shafts and seat	30 00

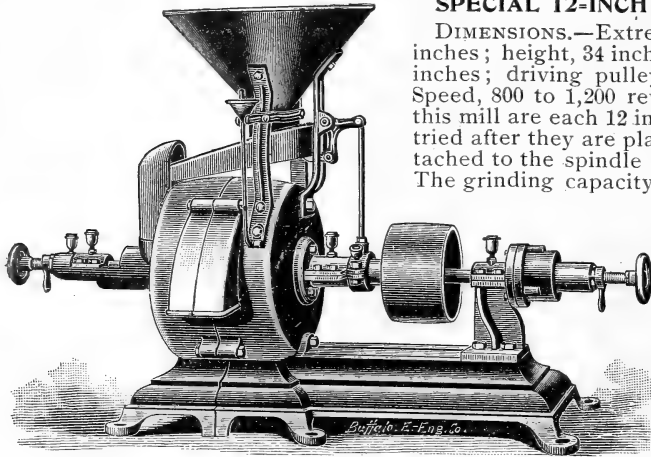
FIELD SIZES AND PRICES.

Wood Field Rollers, 27 inches in diameter, two sections as above	\$25 00
Wood Field Rollers, 27 inches in diameter, one section	16 00
Iron Field Rollers, five sections, 12-inch face, 20 inches in diameter	45 00

ALL KINDS OF MACHINERY REPAIRED.

The Waldron & Sprout Vertical French Burr Mill.

The Best Burr Stone Mill ever offered to the Trade. The Celebrated Vertical French Burr Mills, Suitable for Grain or any Material that may be Ground in a Mill.



SPECIAL 12-INCH MILL FOR ANY LIGHT POWER.

DIMENSIONS.—Extreme length, 36 inches; width, 19 inches; height, 34 inches; base occupies floor space, 17 x 17 inches; driving pulley, 8 inches diameter, 5 inches face. Speed, 800 to 1,200 revolutions per minute. The burrs in this mill are each 12 inches in diameter, carefully tested and tried after they are placed in the frame. The runner is attached to the spindle by a divided tapered sleeve and nut. The grinding capacity is from 5 to 15 bushels an hour, according to the fineness required of the meal or feed. It has the end motion silent shoe feed that will feed from 1 quart to 20 bushels an hour, according to the speed of the mill, which adapts it particularly for wind power.

It is furnished with ball bearings, and the shells are rabbeted, turned and bored the same as the mills of much greater capacity. Every part is made interchangeable, and can be replaced at a nominal cost.

It has only two bearings, runs very light and requires but a very small amount of power to operate it. It is well and strongly built and is designed for use on a farm, and is just the machine for a farmer to have.

It is the cheapest mill that has ever been put upon the market, both in point of purchase price and in comparison with mills of greater capacity that do not contain the especial features and improvements that have brought our mills into popularity and general favor. Weight, 400 pounds.

Price, \$65.

12-inch Mill.—Dimensions: Length over all, 56 inches; width, 22 inches; height, 31 inches; driving pulley 8 inches in diameter, 5-inch face, covered with leather; weight, 430 pounds; should be run 1,000 to 1,200 revolutions per minute; grinding capacity, 5 to 15 bushels per hour, according to fineness of meal or feed and power used; power required to operate above, 6 to 8 horse-power engine. **Price, \$100.**

16-inch Mill.—Length over all, 64 inches; width, 24 inches; height, 36 inches; floor space, 22 x 45 inches; driving pulley, 10 inches in diameter, 6-inch face, covered with leather; weight, 800 pounds; should be run 1,000 revolutions per minute; grinding capacity 10 to 30 bushels per hour; power required to run this mill satisfactorily, 8 to 12 horse-power. **Price, \$160.**

20-inch Mill.—Length over all, 77 inches; width, 30 inches; height, 41 inches; floor space, 24 x 54 inches; driving pulley, 12 inches in diameter, 10-inch face, covered with leather; weight, 1,200 pounds; should be run 900 revolutions per minute; grinding capacity, 15 to 60 bushels per hour; 10 to 15 horse-power engine required. **Price, \$200.**

24-inch Mill.—Length over all, 81 inches; width, 32 inches; height, 51 inches; floor space occupied by base, 27 x 57 inches; driving pulley 16 inches diameter, 8-inch face, covered with leather; weight, 1,800 pounds; should run 800 revolutions per minute; grinding capacity, 15 to 75 bushels per hour, according to fineness of feed and meal required and power used. This mill is adapted to any place where it can have from 15 to 25 horse-power. It has the *end motion silent shoe feed*, and is filling the place of the 30 inch in many places, as it will do almost as much work with less power, and is easier to handle. **Price, \$275.**

30-inch Mill.—Length over all, 78 inches; width, 39 inches; height, 55 inches; floor space, 30 x 53 inches; driving pulley, 20 inches in diameter, 10-inch face, covered with leather; weight, 2,500 pounds; grinding capacity 25 to 100 bushels per hour; should be run 700 revolutions per minute; power required, 20 to 30 horse-power. **Price, \$325.**

In addition to above we can furnish a full line of these mills for grinding fish, oil cake, Charleston rock, &c., &c.

IMPROVED CRUSHERS—TWO SIZES.

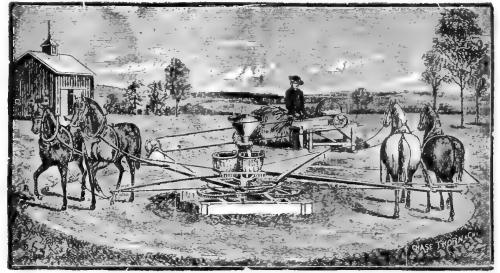
No. 1 will crush 20 to 35 bushels of corn on the ear per hour; weight, 350 pounds; driving pulley, 16 inches diameter, 4-inch face; should be run 300 to 400 revolutions per minute; power required, 2 horse-power. **Price, \$40.**

No. 2 will crush 60 to 90 bushels of corn on the ear per hour; weight, 500 pounds; driving pulley, 20 inches diameter, 4-inch face; should be run 200 to 300 revolutions per minute; power required, 3 horse-power. **Price, \$60.**

It will pay you to write for catalogue and prices before purchasing elsewhere.

Elevator attachments to connect mill and crusher, \$5.

Staver Buckeye Feed Mill and Power Combined.



For grinding corn and cob or shelled grain. Can also be used as a separate two-horse power for running other machinery. The combination of Feed Mill and a Horse Power in one machine makes a great reduction in the cost and furnishes a light-running machine, which meets with general favor.

The Staver Buckeye is a rapid grinder, just right for two horses. The sweep is so constructed as to utilize end pressure and apply it to turning the master wheel, making a saving of 20 per cent. in draft. It can be attached quickly, without using wrench or bolts. Used and recommended by thousands of farmers throughout the country.

Price of Staver Buckeye combined Mill and Power, with one lever, **\$65.**

Price of extra lever for above, **\$5.**

From this price on Mill will make an allowance of **\$5** for cash.

The second cut shows mill rigged with two levers; however, while this shows machine grinding and running cutting box at the same time, we do not recommend the machine to grind when running any other machine, as either will give the same all the work it should be required to do.

The accompanying cut represents the Buckeye Corn and Cob Mills, This mill is all iron and steel, and consequently the weather has no effect on it. It is adapted to steam power, and anything from six to ten horse-power will run it.

What it Will Do.

It will grind corn and cob, shelled corn and oats (mixed or separate), screenings, wheat, barley, rye, oil cake, peas, beans or anything else that can be ground, and as fine as any cast-iron mill will grind it, and it will grind more chop with same amount of power than any other mill in the market. Its capacity depends entirely upon the amount of power used. With a six-horse power engine it will grind from fifteen to twenty bushels of chop, and with a ten horse-power it will grind from thirty to forty bushels of chop per hour from dry grain; if fine grinding is desired it will grind slower. If not so fine grinding is required it will do much more, especially on shelled corn or corn and oats mixed. On corn and cob the capacity is, of course, somewhat less. Bear in mind that its capacity is based on chop after it is ground and measured.

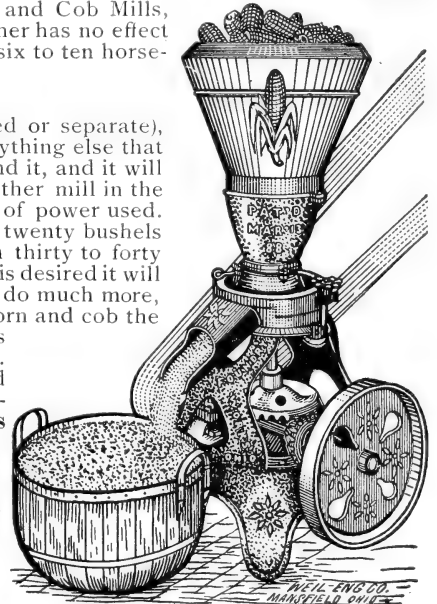
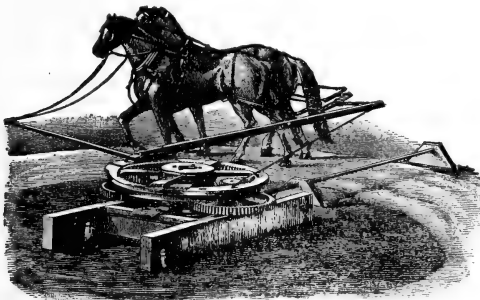
We furnish two sets of burrs with the Buckeye Mills, and a new set only costs \$1.50, and can be put in in a few minutes. Price of Mill with two sets of Burrs, **\$60.** Less **\$5** for cash.

Directions for Operating the Buckeye Steam Power Mill.

Speed of Mill.—Run the pulley shaft 600 to 800 revolutions per minute for corn in the ear, 800 to 900 revolutions per minute on shelled or small grain.

How to use Burrs.—The burrs in the mill are for ear corn and doing ordinary grinding. For fine grinding use the burrs that are sent with the mill as extras.

Sweep Power.



Buckeye Steam Power Corn and Cob Mill.

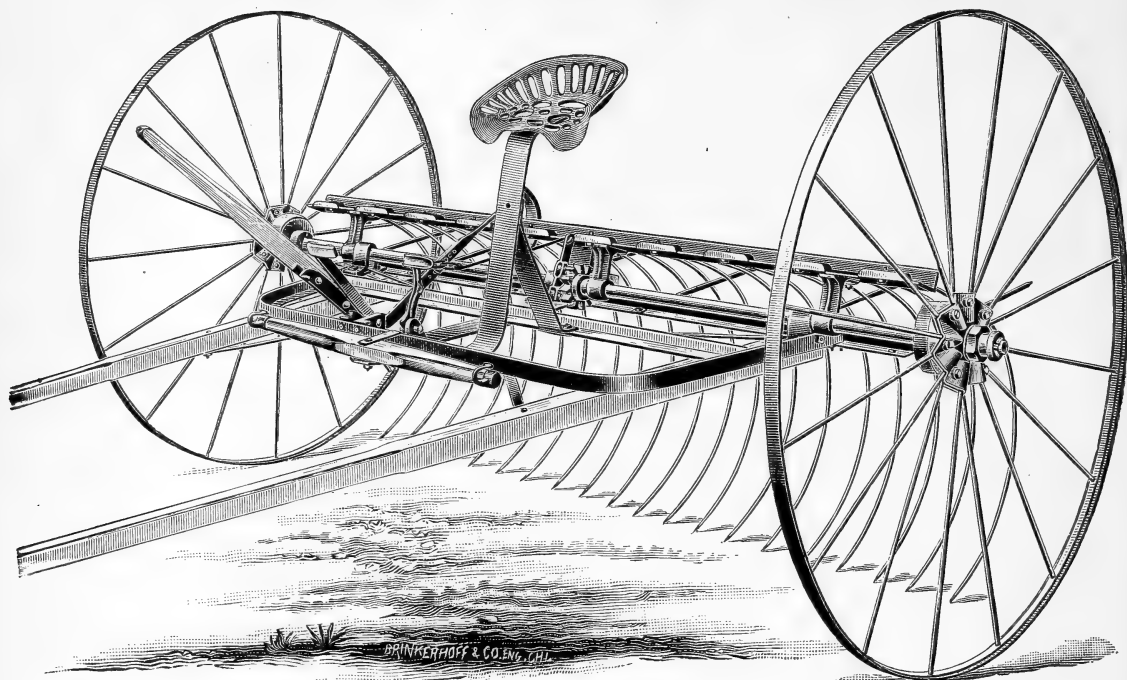
A perfect working triple geared power, complete with sweeps, lead bars and draw rods. On 2 horse-power the tumbling rod makes 58 revolutions to one turn of the horses or a speed of 200 revolutions per minute.

PRICES.

2 horse-power	\$50 00
4 " "	65 00
6 " "	80 00

From these prices on Sweep Powers we make farmers a discount of 20 per cent.

BALTIMORE SELF-DUMP RAKE.

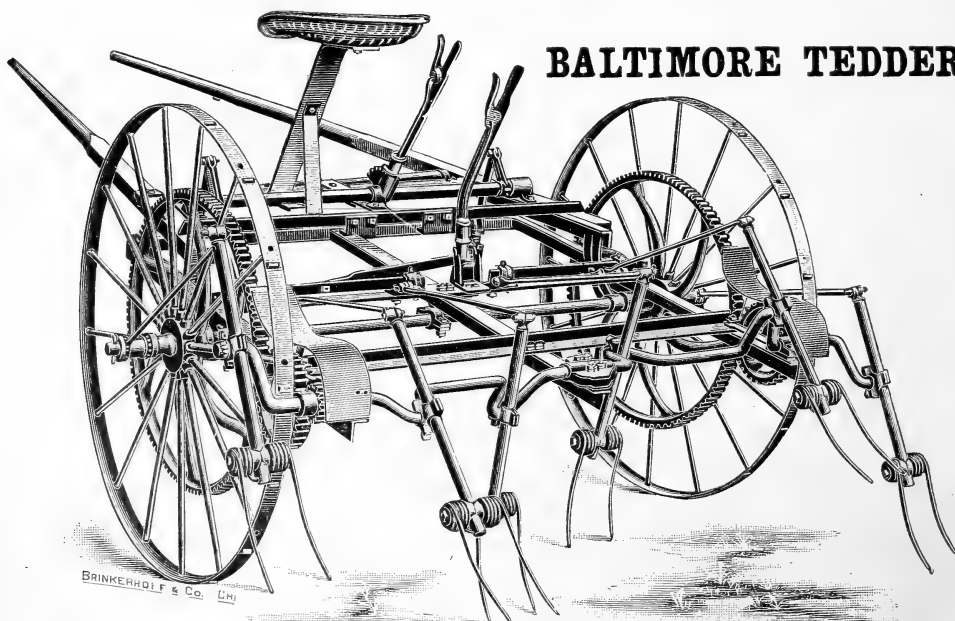


Above cut represents the Baltimore, one of the best Self-Dump Rakes made.

PRICES.

{ Baltimore Self-Dump Rake, Wood.....	\$20 00
{ Baltimore Self-Dump Rake, Steel.....	21 00
{ Baltimore Hand-Dump Rake, Wood.....	17 00
{ Baltimore Hand-Dump Rake, Steel.,.....	18 00

BALTIMORE TEDDER.



With Combination Shafts and Tongue; with Outside Fork and Shields over gearing.

PRICES.

{ Baltimore Tedder, Wood.....	\$28 00
{ Baltimore Tedder, Steel.....	30 00

ALL KINDS OF MACHINERY REPAIRED.

RAKES AND TEDDERS:

We are also general agents for Rakes and Tedders made by the following well-known manufacturers:

OHIO RAKE COMPANY.—Including

O. R. C. Tedders,	\$30 00	Dayton Hand-Dump Rakes,	\$18 00
Gazelle Self-Dump Rakes,	20 00		

THOMAS MANUFACTURING CO.

Thomas Hay Tedder,	\$35 00	Thomas Royal Self-Dump Rake,	\$22 50
Thomas Imperial Hay Tedder,	32 50	Thomas Imperial Rake,	20 00
Thomas Hay Rake,	22 50		

Stock of repairs for both of the above lines always on hand; buy your goods where you can get your repairs at short notice when you need them.



HAY RAKE TEETH.

For all leading Hay Rakes, including Baltimore, Thomas, Gazelle, Tiger, Taylor, Dayton, Red Bird, &c. Plain and with coil. When ordering, always be very careful to state whether you want plain or coil teeth, right or left hand, and if there are several different styles of teeth used on the same made of rake, it is the best plan to send a drawing, giving as near as possible the exact curve of old tooth.

PRICE 40 CENTS EACH.

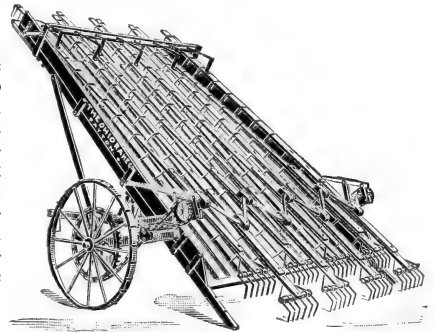
HAY TEDDER FORKS.

Always on hand, stock of Forks for leading styles of Hay Tedders, including Baltimore, O. R. C., Thomas, Bullard, Tiger, &c.

THE OHIO HAY LOADER.

There is no implement used in saving hay that is more economical than a good Hay Loader, and there is no machine made that will give you better satisfaction than the Ohio; it rakes eight feet in the clear and compresses and delivers it through a 6½-foot top; it elevates and delivers the hay higher than any other loader in America; it can place a ton of hay on the wagon in eight minutes, from land producing two tons per acre; it has the longest adjustable extension, enabling it to load closer to the wagon and higher up than any other loader; has the only truss-supported bottom made, and the only practical center-axle support; in short, it is the best loader on the market.

PRICE, \$50.00.

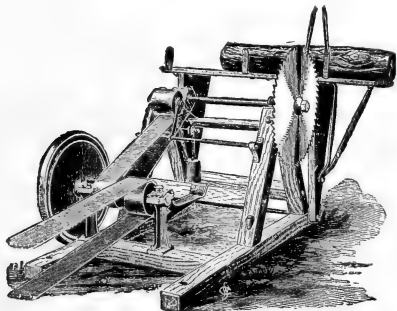


WOOD SAW.

Our Saw, as shown in cut, has *Balance Wheel under the Table*, where it will be out of the way in sawing poles. Farmers and others who use saws can at once appreciate the great convenience of this machine. It has a swing table, which is the best style for cutting cord wood and poles. The balance wheel is entirely out of the way, being placed under and to one side of the saw shaft. A short belt with automatic tightener transmits power from balance wheel shaft to saw shaft. This device is simple but very effective. One man can do the work on this saw as readily as two men on the regular style saw.

PRICE, \$57.50.

A discount of 20 per cent. to farmers.



ALL KINDS OF MACHINERY REPAIRED.

The Baltimore Pump.

WITH AND WITHOUT PORCELAIN CYLINDER. SUITABLE FOR CISTERNS, SHALLOW AND DEEP WELLS.

PRICES OF PUMPS FITTED COMPLETE.



	Unlined.		Lined.			Unlined.		Lined.	
	6 x 6.	6 x 6.	7 x 7.	7 x 7.		6 x 6.	6 x 6.	7 x 7.	7 x 7.
For 6-ft. well	\$ 5 75	\$ 7 25	\$ 8 00		For 30-ft. well	11 64	13 14	14 60	15 25
8 "	6 05	7 55	8 30		10 "	12 74	14 24	15 25	16 25
10 "	6 26	7 76	8 60		12 "		14 60	15 35	16 25
12 "	6 54	8 04	8 90		14 "		15 30	16 25	17 60
14 "	6 82	8 32	9 20		16 "		15 65	16 70	18 50
16 "	7 10	8 60	9 50		18 "		16 50	17 60	20 75
18 "	7 90	9 40	10 10		20 "		17 25	18 50	22 00
20 "	8 18	9 68	10 40		22 "		19 00	20 75	23 00
22 "	8 67	10 17	11 00		24 "				
24 "	9 21	10 71	11 50		26 "				
26 "	9 49	11 00	12 00		28 "				
28 "	10 54	12 04	13 25						

For wells over fifty feet we recommend iron pump, as described on another page. Less 20 per cent. retail.

Standard List Prices Wood Pumps, Tubing and Extras.

ADOPTED DECEMBER 8, 1892

"No. 0." STOCK PUMPS.

SEVEN INCHES SQUARE, 4 INCHES BORE.

Porcelain Lined.

6 ft. long, in one piece	\$ 7 80
7 "	8 50
8 "	9 10
10 "	10 30
12 "	11 50
10 " Extension Cylinder	9 55
12 "	10 25
15 "	11 30
20 "	13 05
25 "	14 80
30 "	16 55
6 " in one piece, without lining	6 20

"No. 1." THE FAVORITE HOUSE PUMP.

SIX INCHES SQUARE, 3 1/2 INCHES BORE.

Porcelain Lined.

6 ft. long, in one piece	\$ 6 50
7 "	7 00
8 "	7 50
10 "	8 50
12 "	9 50
10 " Extension Cylinder	8 05
12 "	8 75
15 "	9 80
20 "	11 55
25 "	13 30
30 "	15 05
6 " in one piece, without lining	5 00

PUMPS FOR DRIVE WELLS.

TO FIT 1 1/2, 1 3/4 OR 2-INCH IRON PIPE.

Iron Cylinder Attached.

No. 1 House, 6 ft. long	\$6 75
" 7 "	7 25
" 8 "	7 75
" 10 "	8 75

TUBING, COUPLINGS, ETC.

4 x 4 Tubing, per ft.	\$0 15
6 x 6 Extension Tubing, per ft.	35
Couplings for 4 x 4 Tubing, with bands	40
Extra Iron Spouts, Japanned, each	30
Iron Brackets, each	40
Extra Buckets, 3 1/2 inches, each	80
" " Woods, per doz.	3 00
" " Leathers, "	3 50
" Handles, each	30
" Handle Links, each	25
" Bands, each	10
" Check Valves, per doz.	1 50
" Splice Straps, pair, with bolts	25
Extra Iron Pipe Connections, each	75

WATER ELEVATOR AND PURIFIER.

No. 1 Curb Poplar, with Fixtures Complete, Japanned Bottom Wheel, each	\$5 50
" 1 " Galvanized " " "	6 00
Galvanized Bucket Chain, per foot	30
Fixtures only, Double-gearred Japanned Bottom Wheel, per set	3 00
" Galvanized " " "	4 00
No. 1 Curb, Poplar, only	2 50

ALL KINDS OF MACHINERY REPAIRED.

This cut shows the chain pump at work in the well. For shallow wells and cisterns they are rapidly gaining favor in this section of the country, where they were scarcely used at all until a very few years ago.

Farmers and merchants who use or handle chain pumps will find our prices low when quality is considered.

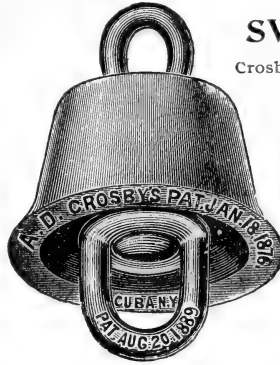
PRICES.

Chain Pump curbs, each.....	\$2 00
Chain Pump tubing, per ft.....	06
Chain (running 4 to 4½ ft. to lb.), per lb.	10
Crosby Swivel Link Buckets, each.....	10
Crosby Plain Buckets, each.....	09
Queen Buckets, each.....	08

SWIVEL LINK.

Crosby Swivel Link lets twists and kinks out and prevents catching and breaking of chain. Has an air chamber on top which conducts the air to bottom of well. It is self-expansive, the base of bucket being an eighth of an inch larger at the bottom than bore in the tubes, which allows it to expand and the groove in the side to contract.

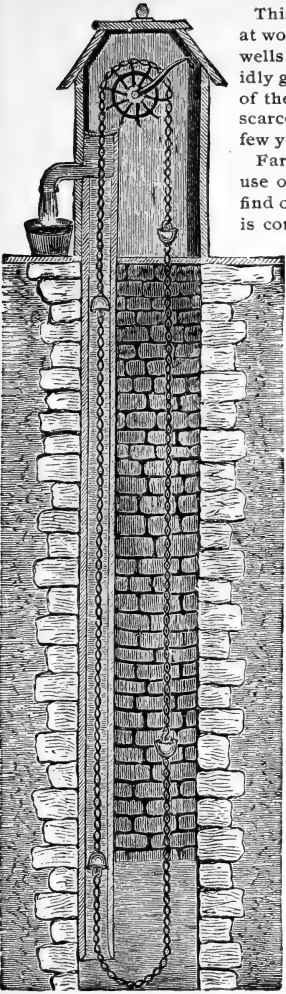
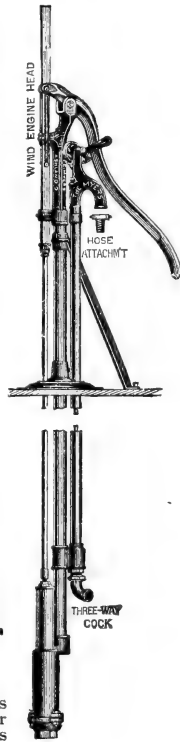
The wear comes on the whole side and not on the extreme edge as on other buckets.



THE QUEEN

Is far superior to any of this class of Buckets. The elasticity allows it to adjust itself to any unevenness in the tube, and the durability is unquestionable.

IT IS CHEAP IN PRICE AND DURABLE.



Myers Force and Lift Pumps.

- No. 1 Force Pump, 3-inch brass cylinder, 4 feet below platform, for 1¼-inch pipe, \$13.00. This is for wells under 25 feet deep.
- No. 5 Force Pump has a 3-inch brass-lined lower cylinder, with latest improved glass valve seat and sand plunger capped outside.
- The brass upper cylinder is 4½ feet below the platform, tapped for 1¼-inch connecting pipe. Price, \$15.00.
- No. 86 Force Pump for wells from 10 to 75 feet deep. Will go in a 4½-inch cased well. Has 3-inch brass-lined lower cylinder, improved glass valve seat and sand plunger, tapped for 1¼-inch suction pipe. The brass upper cylinder is 4½ feet below the platform, tapped for 1¼-inch connecting pipe. Price, \$15.00.
- No. 101 Lift Pump, 2½-inch brass cylinder, 4 feet below platform, for 1¼-inch pipe. Price, \$10.00.
- No. 128 has 3-inch brass-lined cylinder, 4 feet below the platform, for 1¼-inch pipe. Price, \$7.00.

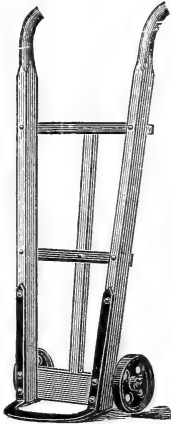


STORE TRUCKS.

Baltimore Store Truck.

Best light Truck made for the money.

Price \$2.00 net.



BALTIMORE STORE TRUCK.

New York Pattern.

HALF STRAPPED.

No.	List Price.	Retail Price.
No. 0—	\$4.40	\$2.45
“ 1—	4.60	2.55
“ 2—	6.10	3.35
“ 3—	8.00	4.40
“ 4—	9.50	5.25
“ 5—	11.50	6.35

FULL STRAPPED.

No.	List Price.	Retail Price.
No. 0—	\$5.15	\$2.85
“ 1—	5.35	3.00
“ 2—	7.10	3.90
“ 3—	9.00	4.95
“ 4—	11.00	6.05
“ 5—	13.50	7.45



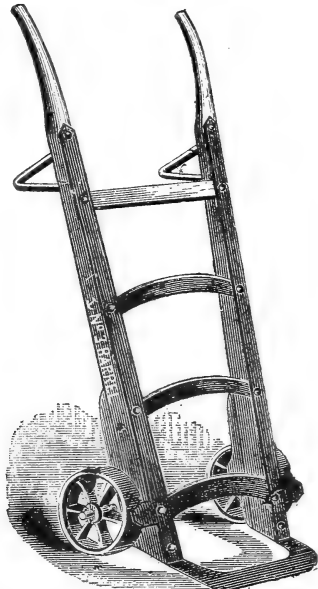
NEW YORK PATTERN.

NEW YORK PATTERN.	Length of handles.	Width of nose.	Width at upper bar.	Diameter of wheels.	Weight in pounds.
No. 1.....	4' 0"	12 "	17½"	7 "	35
“ 2.....	4' 5"	14 "	18½"	8 "	55
“ 3.....	4' 8"	15½"	20½"	9 "	65
“ 4.....	5' 0"	16 "	21 "	9½"	82
“ 5.....	5' 3"	18 "	22 "	10 "	95
“ 6.....	5' 9"	20 "	23½"	12 "	125
BARREL.					
No. 1.....	4' 0"	12 "	17½"	7 "	42
“ 2.....	4' 5"	14 "	18½"	8 "	65
“ 3.....	4' 8"	15½"	20½"	9 "	74
“ 4.....	5' 0"	16 "	21 "	9½"	95
“ 5.....	5' 3"	18 "	22 "	10 "	120
COTTON.					
No. 3.....	4' 8"	15½"	20½"	9 "	65
“ 4.....	5' 0"	16 "	21 "	9½"	82
“ 5.....	5' 3"	18 "	22 "	10 "	95
“ 6.....	5' 9"	20 "	23½"	12 "	125

New York Barrel Truck.

List Price. Retail Price.

No. 1—	\$7.00	\$3.85
“ 2—	9.00	4.95
“ 3—	10.50	5.80
“ 4—	12.50	6.90
“ 5—	15.00	8.25



NEW YORK BARREL TRUCK.

Cotton Trucks.

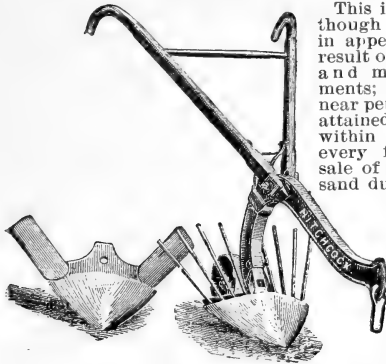
List Price.

No. 3—	\$4.95
“ 4—	6.60
“ 5—	8.25



COTTON TRUCK.

HITCHCOCK POTATO DIGGER.



This implement, though very simple in appearance, is the result of much study and many experiments; and it is as near perfect as can be attained and come within the reach of every farmer. The sale of several thousand during the past few years proves it a success. By changing one bolt it may be converted into a Shovel Plow or a Potato Digger. The fingers are adjustable,

being held in position by the plow point. Thus, in case of breakage, a new part may be inserted without the expense of whole new head. The fingers, points and wings are made of steel, rendering it light, strong and durable.

TO OPERATE THE POTATO DIGGER SUCCESSFULLY.

1st. See that the field is comparatively free from vines and weeds, which may be done by mowing and raking with a wheel horse rake.

2d. Adjust the wheel to run the plow under the potatoes; do not let it run too deep.

3d. Adjust the handles according to height of operator.

4th. Dig every alternate row, and after picking up the potatoes, take the remaining rows.

Experience is our teacher; therefore, do not expect this implement to do as well at first as after a little use.

Remember that this is the only potato digger that can be successfully used with one horse.

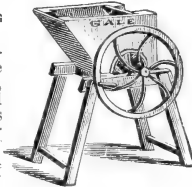
PRICE, \$8.00. Extra Beam, \$2.00. Extra Steel Point, 60 cts. Cast Head, \$1.00.

GALE'S VEGETABLE CUTTER.

ONE OF THE MOST RAPID RUNNING CUTTERS MADE.

The construction and arrangement of parts are such that the slices or pieces, either large or small, are very much broken and softened in the process of cutting. No. 3½ is made with 18 curved knives, cutting off thin, narrow strips—a kind of slice very much approved by feeders for calves or sheep, and is especially desirable when the cut roots are to be mixed with cut hay, straw or stalks. Most farmers prefer cutting slices this size for cattle.

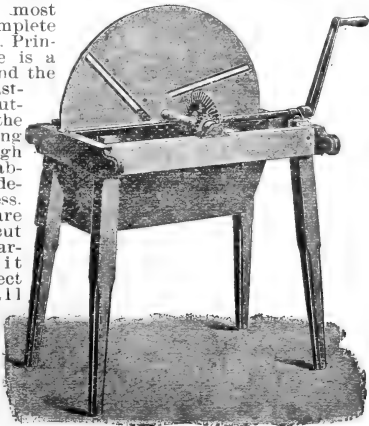
No 3½. List Price, \$13.00. Retail Price, \$11.00.



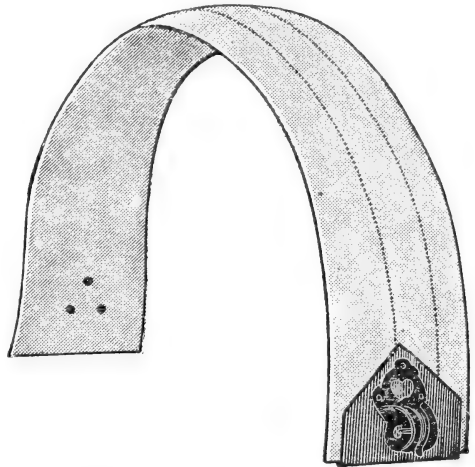
THE ROSS KRAUT CUTTER.

One of the most simple and complete machines made. Principle of above is a solid disk and the knives are fastened on the outside or back of the disk, projecting through enough to slice the cabbage to any desired thickness. These knives are arranged to cut against the shear-bar so that it makes it a perfect machine for all kinds of work. The machine is driven by a large bevel gear connecting with a small bevel pinion, giving a speed of 3 to 1. This makes a very rapid and easy running cutter, as there are only two gears used. Price, \$8.00.

Regular 3-knife Kraut Cutter, with Sliding Box. 8x26 in. Price, \$1.25.



FOLDED DUCK BACK BANDS, PATENT HOOKS.



Can be used with either chain or rope traces. Our goods are full length; shorter length goods can be sold for less money.

Price, 60 cts.

BANNER ROOT CUTTER.

(See illustration on page 54.)

No. 20. This is the only Root Cutter with self-feeder and dirt separator; cuts all kinds of vegetables in best possible condition; no danger of choking.

List Price, \$12.00. Retail Price, \$10.00.

No. 15. Same as No. 20. Can be used by either hand or power.

List Price, \$14.00. Retail Price, \$12.00.

No. 10. Extra heavy machine for power. Capacity, 4 to 5 bushels per minute. Weight, 340 lbs. 16-inch pulley, 5-inch face.

List Price, \$30.00. Retail Price, \$27.50.

OAT AND BARLEY FORKS.

Price, 75 cts.



STODDARD CREAMERY.

WITH OR WITHOUT SPECIAL REFRIGERATOR.—THOROUGH IN CONSTRUCTION—SIMPLE IN OPERATION.—ACCURATE IN ITS WORKING.

Combining more points of merit than any other cream raising apparatus on the market.
Made in sizes to suit any dairy, from one to fifty cows. Used with or without ice, and adapted to summer or winter dairying.

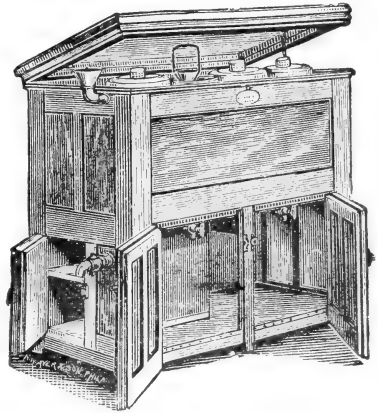
PRICE LIST.

Price in first column is for the Plain Creamery. The second column is price with Special Refrigerator Compartment lined with zinc and having slate shelves. Both styles have the lower compartment with doors.

Family Class.

No.	No. of Cans.	No. of Cows.	Plain Creamery.	With Special Refrigerator.
No. 2.....	2	2	\$20 00	
No. 3.....	3	3 to 4	26 00	\$31 00
No. 4.....	4	5 to 6	32 00	37 00

Each Can holds 2½ gallons.



Dairy Class.

No.	No. of Cans.	No. of Cows.	Plain Creamery.	With Special Refrigerator.
No. 2.....	2	5 to 6	\$25 00	
No. 3.....	3	7 to 9	31 00	\$36 00
No. 4.....	4	10 to 12	37 00	42 00
No. 5.....	5	13 to 15	43 00	48 00
No. 6.....	6	15 to 18	49 00	54 00
No. 8.....	8	20 to 24	61 00	66 00
No. 10.....	10	25 to 30	73 00	78 00
No. 12.....	12	30 to 36	85 00	90 00

Each Can holds 5 gallons.

No. 2 Family Class and No. 2 Dairy Class are not made with the separate refrigerating compartment unless so ordered, as they are so small it would occupy nearly all the space in the lower compartment.

The above prices do not include partitions, nor more than one water faucet. If partition or extra water faucet is wanted they will be furnished at \$1.00 each.

U. S. CREAM SEPARATOR.

This cut illustrates the U. S. Cream Separator, hand size, but we can furnish a full line for both hand and power. We claim the following SUPERIOR POINTS IN CONSTRUCTION, viz:

It is built in a thoroughly substantial way.

The BOWLS ARE BURST-PROOF owing to the material construction of the walls, the manner of construction and shape. BOWLS are made from TOUGHEST STEEL.

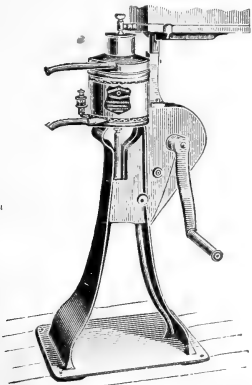
Every one is carefully balanced and thoroughly tested before leaving the shops, being run at a rate of speed much higher than is ever used in a factory.

- No. 1, Improved U. S. Cream Separator, capacity per hour 2000 to 2500 lbs..... \$400 00
- No. 3, U. S. Cream Separator, capacity per hour 600 lbs 200 00
- No. 5, U. S. Cream Separator, high frame, capacity per hour 270 to 300 lbs..... 125 00
- No. 6, U. S. Cream Separator, high frame, capacity per hour 180 to 200 lbs..... 100 00
- No. 7, U. S. Midget Cream Separator, capacity per hour 180 to 200 lbs..... 75 00

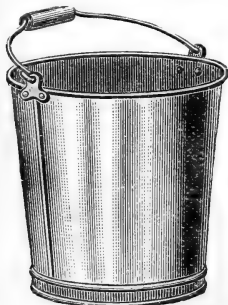
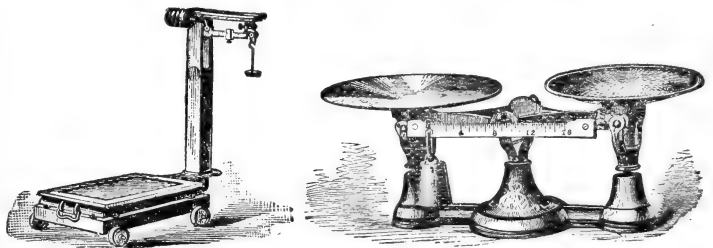
The Nos. 3, 5, 6 and 7 machines have attachments for either hand or power, as ordered.

- No. 3, with ratchet and loose pulley and belt shifter extra..... \$6 00
- Nos. 3, 5, 6 and 7, with ratchet and loose pulley extra..... 5 00
- Nos. 3, 5, 6 and 7, power ratchet pulley attachment extra..... 2 50

Write for Special Catalogue of Cream Separators.



BUTTER AND PLATFORM SCALES.



MILK PAIL.

Made of best XXXX Tin.
2 gallon..... \$0 80 each.
3 gallon..... 1 00 "

BUTTER LADLE.

Price, 15 and 25 cents each.

BUTTER PADDLE.

Price, 10 cents each.

FLOATING GLASS THERMOMETERS.



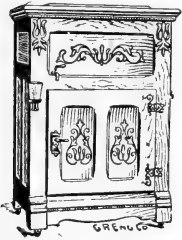
Price, 35 cents each.

8-inch Dairy Thermometer stands boiling water. Price, 50 cents each.

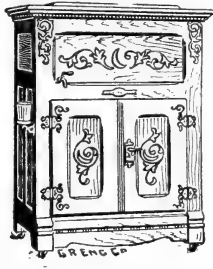
The . . . Famous Leonard Cleanable Refrigerators

All Embossed Refrigerators are Charcoal filled. All Carved Refrigerators are Mineral Wool filled. All Plain Refrigerators have Charcoal sheathing. The Carved Refrigerators have Lever Locks and Movable Flues. The Embossed line has Snap Locks and Movable Flues,

SPECIAL DISCOUNTS FROM FOLLOWING PRICES



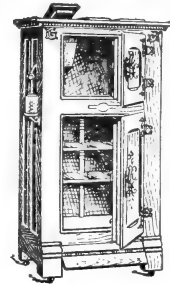
Single Door, Carved.
 No. 2070-25x17x41.....\$19 50
 270-27x18x12..... 23 00
 271-31x20x44..... 28 50
 272-32x24x47..... 33 00
Same, without Water-Cooler.
 No. 070-25x17x41.....\$16 00
 70-27x18x12..... 19 50
 71-31x20x44..... 24 50
 72-32x24x47..... 28 50



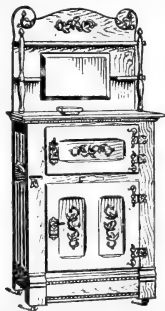
Double-Door, Carved.
 No. 273-33x20x46.....\$33 00
 274-36x21x48..... 38 00
 275-40x24x50..... 44 00
Same, without Water-Cooler.
 No. 73-33x20x46..... \$28 50
 74-36x21x48..... 33 00
 75-40x24x50..... 39 00



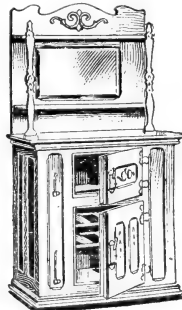
Four-Door, Carved.
 No. 276-40x25x57.....\$53 00
 277-43x26x62..... 60 50
Same, without Water-Cooler.
 No. 76-40x25x57..... 47 50
 77-43x26x62..... 55 00



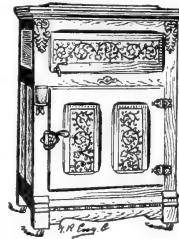
Apartment, Carved.
 No. 293-27x18x50.....\$28 50
 294-29x19x55..... 32 50
 295-30x20x60..... 38 50
Same, without Water-Cooler.
 No. 93-27x18x50.....\$23 00
 94-29x19x55..... 27 50
 95-30x20x60..... 33 00



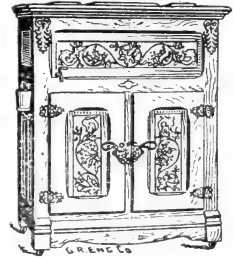
No. 35½-33x19x70.....\$35 50
Same, with Water-Cooler.
 No. 235½-33x19x70.....\$40 50



Oak, Carved, Polished.
 No. 32½-36x19x68.....\$52 50
 33½-40x21x73..... 65 00
 34½-44x22x76..... 85 00



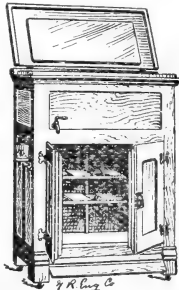
Single-Door, Embossed.
 No. 210-25x17x40.....\$18 25
 211-27x18x42..... 21 50
 212-31x20x45..... 27 50
Same, without Water-Cooler.
 No. 10-25x17x40.....\$14 75
 11-27x18x42..... 18 00
 12-31x20x45..... 23 50



Double-Door, Embossed
 No. 213-33x20x46.....\$31 00
 214-35x21x48..... 37 00
 215-40x24x50..... 43 00
Same, without Water-Cooler.
 No. 13-33x20x46.....\$27 50
 14-35x21x48..... 32 00
 15-40x24x50..... 38 00



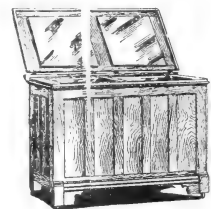
Four-Door, Embossed.
 No. 216-38x23x51.....\$47 50
 217-40x25x57..... 51 50
Same, without Water-Cooler.
 No. 16-38x23x51.....\$42 00
 17-40x25x57..... 46 00



Single-Door, Plain.
 No. 249-24x16x38.....\$14 50
 250-27x18x44..... 18 50
 251-32x21x47..... 26 00
Same, without Water-Cooler.
 No. 49-24x16x38.....\$11 00
 50-27x18x44..... 15 00
 51-32x21x47..... 22 00



Double-Door, Plain.
 No. 254-36x23x50.....\$32 50
Same, without Water-Cooler.
 No. 54-36x23x50.....\$28 00

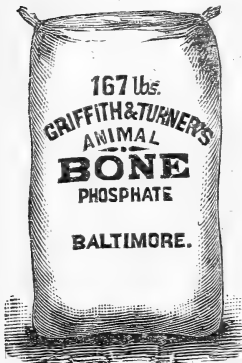


Ice-Chests, Plain.
 No. 39-26x18x25.....\$ 8 00
 40-30x18x25..... 9 50
 41-34x21x27..... 11 00
 42-36x22x31..... 14 50
 43-41x25x34..... 17 50
 44-44x29x36..... 22 00
 45-50x31x41..... 40 00

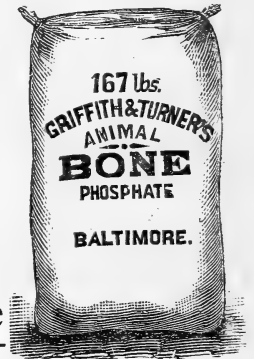
SEND FOR SPECIAL REFRIGERATOR CATALOGUE.

Fertilizers.

F all the different lines of goods that we handle, there is probably no one so imperfectly understood as the Fertilizer trade, and in fact, the actual tests made by practical farmers in different sections are so different, and the reports so conflicting that it is hard to get at a correct understanding of the requirements of the trade. In order to cover the field thoroughly, we manufacture a complete line made for special crops, and our constantly increasing trade is an evidence that our customers must at least be pleased with the goods. We consider this test very far in advance of any other.



AFTER THIRTY YEARS OF EXPERIENCE IN THE FERTILIZER BUSINESS, DURING WHICH PERIOD THERE HAVE BEEN SO MANY REVOLUTIONS IN THE TRADE, WE HAVE NEVER SOLD ANYTHING WHICH HAS STOOD THE TEST BETTER THAN OUR



Animal Bone Phosphate

This is a complete Fertilizer, made largely from pure animal bone (as its name implies) in connection with Potash and High Grade Ammoniates. With a season at all favorable this brand has never failed to produce good crops of Grain and Grass, and is a special favorite among growers of Peas, Cabbage and Early Crops. If you have not used it we ask a trial of a small quantity in connection with whatever goods you may be using and are confident as to the result.

In consideration of the low price of Farm Produce (which, of course, has had its effect upon Fertilizer material) we are enabled to offer these goods for the season of 1896, at \$30.00 per ton.

Ammoniated Alkaline Plant Food. The reputation that this brand enjoys as a "Summer Crop Fertilizer" is sufficient to justify every farmer in using it, without any further comment upon its merits from us. "Our Potato Fertilizer," as it is familiarly known by many potato growers, probably leads all of our different brands in point of sales in the Spring, and farmers who have used it year after year for the last ten or twelve years can testify to its agricultural value; while the "Plant Food" is not so high a grade of goods as the Animal Bone Phosphate, it is better calculated to stand the very hot dry weather. Price per ton, \$25.00.

Ammoniated Butchers' Bone Phosphate.

Made largely from slaughter house stock, used principally for wheat and grass as well as by a large number of canners of corn and tomatoes; is a very popular brand at a popular price. Our trade in 1895, on this brand, was fully 100 per cent. greater than it has ever been before in any one year, and from present indications it will soon lead all of our other brands in point of sales; this is not only a first-class article for wheat, but sells during both seasons of

the year. We can not speak too highly of the Butchers' Bone; it is one of the favorites and speaks for itself wherever introduced. During the season just past we added quite a number of new agents to our list and have not had a single complaint.

The base of this article is our No. 1 Dissolved Bone, which in itself is a guarantee as to its quality. We offered this bone for the first time about five years ago, and to growers of wheat who want to buy something good at a reasonable price, we quote this brand at \$25.00 per ton.

Ground Bone. Absolutely pure, fine ground, the best goods of the kind to be obtained. There are a number of good farmers who will use nothing but Pure Ground Bone, and to such we can say these goods are second to none on the market; we do not claim that it is any better than any other pure ground bone, but we do claim that nothing better of the kind can be obtained. Price, \$30.00.

Soft Ground Bone. Made from softer material than the regular "Ground Bone" and contains some little meat and blood. The fact that the soft bone is not absolutely pure on account of its containing the above, has lead different parties to put brands on the market which do not compare in any way with this brand; it acts quickly and at the same time is a good article of plant food. Try it and be convinced. Price, \$30.00 per ton.

Dissolved Bone. Made from stock containing some meat, thoroughly dissolved and in fine drilling condition. Farmers wishing a fertilizer for immediate action will find in this brand a reliable manure of good value and one whose good effect can be seen for a long time. Price, \$28.00 per ton.

Ammoniated Soluble Bone. Made for our Pennsylvania trade exclusively, where it is well and favorably known. A complete fertilizer, containing Ammonia, Potash, and available Phosphoric Acid in proper proportions. Price, \$24.00.

Soluble Bone Phosphate. A good cheap fertilizer. There is such a difference of opinion as to the chemical action of fertilizers that no line of goods would be complete without a brand of this kind. Quite a number of chemists claim that Ammonia adds very much to the cost of fertilizers without being of much agricultural value; that is, sufficient Ammonia can be obtained from the atmosphere, etc. To supply such a trade we offer above; whether or not this theory is correct, quite a number of people have used our Soluble Bone Phosphate with very satisfactory results. Price, \$17.00 per ton.

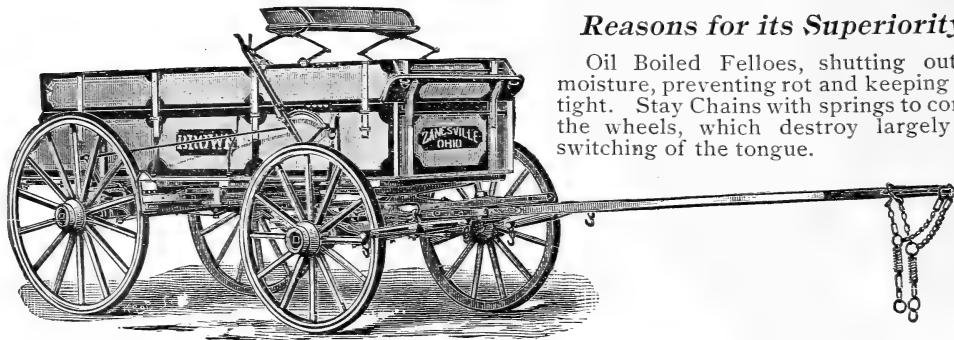
High Grade Acid Phosphate. Best grade of S. C. Phosphate, thoroughly dissolved and in good dry condition. Price, \$14.00 per ton.

BONE FLOUR made especially for Florists and Gardeners. This flour is passed through a thirty-mesh screen, and is consequently exceedingly fine and in addition to this it is the pure Bone containing no foreign matter at all. Write for sample. Price, \$4.00 per bag of 167 lbs.

COARSE GROUND BONE for Chickens. Prepared from selected stock. 5 lbs., 25c.; 10 lb. 40c.; 35 lbs., \$1.00; and bag of 167 lbs., \$4.00.

BONE FLOUR for little Chicks. Absolutely pure and sweet. 5 lbs., 25c.; 10 lbs., 40c.; 35 lbs. \$1.00; bag 167 lbs., \$4.00.

THE BROWN WAGON.



Reasons for its Superiority.

Oil Boiled Felloes, shutting out all moisture, preventing rot and keeping tires tight. Stay Chains with springs to control the wheels, which destroy largely the switching of the tongue.

To overcome the objections in tongue chains, as commonly used, Coil Springs have been applied to ease the draft on the team's neck, when the chains are forced to control the tongue or hold back. Branch Chains have also been added to each tongue chain. A Branch Chain is to destroy, as far as possible, the side jerking, and to protect the horses from the whipping motion of the tongue. The Coil Springs yield to either the pull of the chain or branch, saving the team at all times from the sudden jerking of the tongue, protecting both horses and harness. The Branch Chains have a tendency to prevent side motion of the tongue—same as neck yoke, but less cramping for the horses—while the coil springs supply the place of the vibrating of the neck yoke to ease the team's necks. Only wagon with Yielding Tongue Chains with Check Branches.

Skein and Axle Different from all Others.

Our Extension Shoe Skein is one of the greatest improvements on wagons during the last fifty years, as it protects the axle as well as the skein, allowing the axle to be made of less material. The shoe of the skein supports the axle where it has the greatest load to bear, and is superior to the steel skein, as it allows a greater quantity of the axle to enter the shoe of the skein.

The skein is also chilled on its face, and will wear longer than a steel skein. The steel skein has no temper in it, and is as soft as iron, as it is required to be welded to make it.

Number, Size and Capacity of Wagons.

No. 000, Capacity 1800 to 2000 lbs.....	Price \$67 00
No. 00 Is a 2 $\frac{3}{4}$ x8 $\frac{1}{2}$ in. skein; 7 $\frac{1}{2}$ x8 $\frac{1}{2}$ in. hub; 1 $\frac{1}{2}$ x $\frac{1}{2}$ in. tire; body 9 ft. by 12 to 14 in. deep inside, with brake, top box and seat. Capacity, 2000 to 2500 lbs.....	“ 68 00
No. 1 Is a 3x9 in. skein; 8x9 in. hub; 1 $\frac{1}{2}$ x $\frac{3}{8}$ in. tire; body 9 to 9 $\frac{1}{2}$ ft. long; 13 to 15 in. deep inside, with brake, top box and seat. Capacity, 3000 lbs.....	“ 70 00
No. 2 Is a 3 $\frac{1}{4}$ x10 in. skein; 8 $\frac{1}{2}$ x10 in. hub; tire 1 $\frac{3}{8}$ x $\frac{3}{8}$ or $\frac{3}{4}$; body 10 ft. long by 15 to 16 in. deep inside, with brake, top box and seat. Capacity, 3500 pounds.....	“ 72 50
No. 3 Is a 3 $\frac{1}{2}$ x11 in. skein; 9x11 in. hub; 1 $\frac{3}{4}$ x $\frac{3}{8}$ or $\frac{3}{4}$ in. tire; body 9 $\frac{1}{2}$ or 10 ft. long, and 15 to 18 in. deep inside, with brake, top box and seat. Capacity, 4500 lbs.....	“ 75 00
One-Horse Wagon—Is a 2 $\frac{1}{2}$ x8 in. skein 7x8 in. hub; tire 1 $\frac{3}{8}$ x $\frac{3}{8}$ in. Capacity, 1800 lbs. Has brake, top box and seat.....	“ 55 00

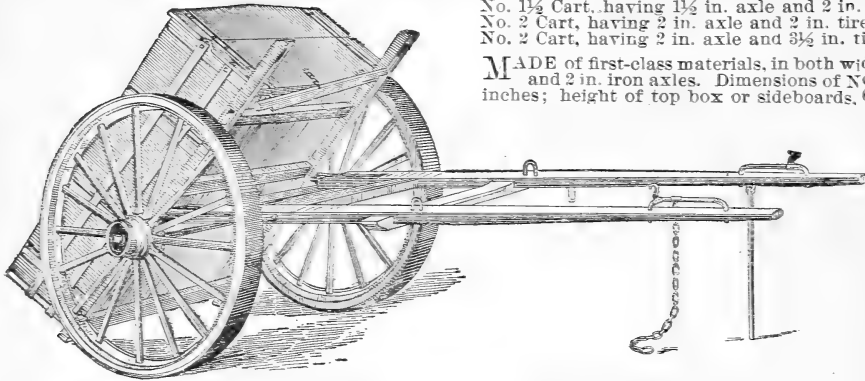
In addition to above line of wagons, the Company are building for us a special line of steel skein lynch pin Gears, with 4 inch tires. Prices, &c., as follows, viz:

No. 3, 3 $\frac{1}{2}$ x11 skeins; capacity, 5000 lbs.....	Price, \$80 00
No. 4, 3 $\frac{3}{4}$ x12 skeins; capacity, 6000 to 7000 lbs.....	“ 85 00
No. 5, 4x12 skeins; capacity, 7000 to 8000 lbs.....	“ 90 00

Depth of body given on all wagons above does not include top box, which is 6, 8, 10 or 12 inches deep. Tubular Axle Wagons furnished upon application. When 4-inch tires are wanted, add \$10.00 to above, net; when 3-inch tires are wanted, add \$6.00 to above, net; when wagon gears only (without body) are wanted, deduct \$10.00 from above prices.

WRITE FOR SPECIAL WAGON CATALOGUE.

BALTIMORE FARM AND CONTRACTOR'S CARTS.



- No. 1 1/2 Cart, having 1 1/2 in. axle and 2 in. tires Price, \$35.00
- No. 2 Cart, having 2 in. axle and 2 in. tires..... " 38.00
- No. 2 Cart, having 2 in. axle and 3 1/2 in. tires..... " 40.00

MADE of first-class materials, in both wide and narrow tires, with 1 1/2 and 2 in. iron axles. Dimensions of No. 2 Cart, height of body, 10 1/2 inches; height of top box or sideboards, 6 1/2 inches; width of Cart in front, 37 inches; width in rear, 38 1/2 inches, (inside measurement); height of wheels, 5 feet.

Can furnish any of the above sizes in both wide and narrow tires at short notice.

Used and recommended by a large number of farmers and contractors.

Of all the implements or vehicles in use on the farm there is none more necessary than the Farm Cart. In the "Baltimore" we have incorporated all of the best

features of the old style home-made cart, and have to-day, beyond any question of doubt, the best article of the kind made. Our Contractors' Carts are strong and durable, well braced and specially made for heavy work.

In all of our Carts we retain the old trap stick, as you will see from above, and for which there has never been any good substitute made.

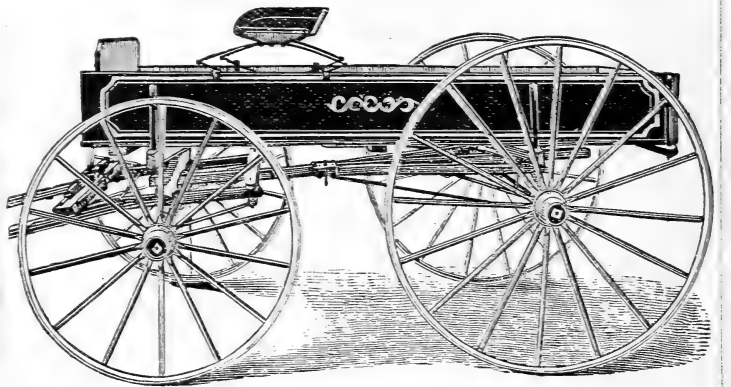
Having sold these goods extensively throughout Maryland, Pennsylvania, New York and the South, we are prepared to say that we have just what the Farmers and Contractors need, and believe that we can offer as much for the money as any other manufacturer in the country.

A New Departure.

During the season just passed we made a number of shipments of Carts to Coal Dealers in the North and West, and are pleased to state that we have not had a single bad report. This has opened up an altogether new branch of trade, and we will be pleased to correspond with parties wanting to purchase Carts for this purpose.

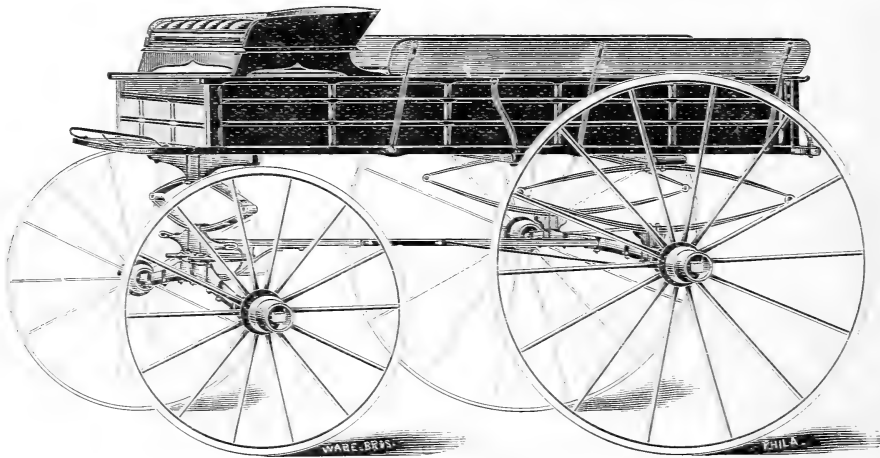
Carts for Export.

Built to order at short notice and at very low figures. As this trade requires a special Cart we do not keep them made up, but can furnish same in a reasonably short time.



BALTIMORE ONE HORSE WAGON.

With 1 1/2 in. steel axle, 1,000 lbs. capacity. \$35.00



NO TOP EXPRESS WAGON.

No. 7, No Top Express Wagon. Price, \$60.00

WRITE FOR SPECIAL WAGON CATALOGUE.

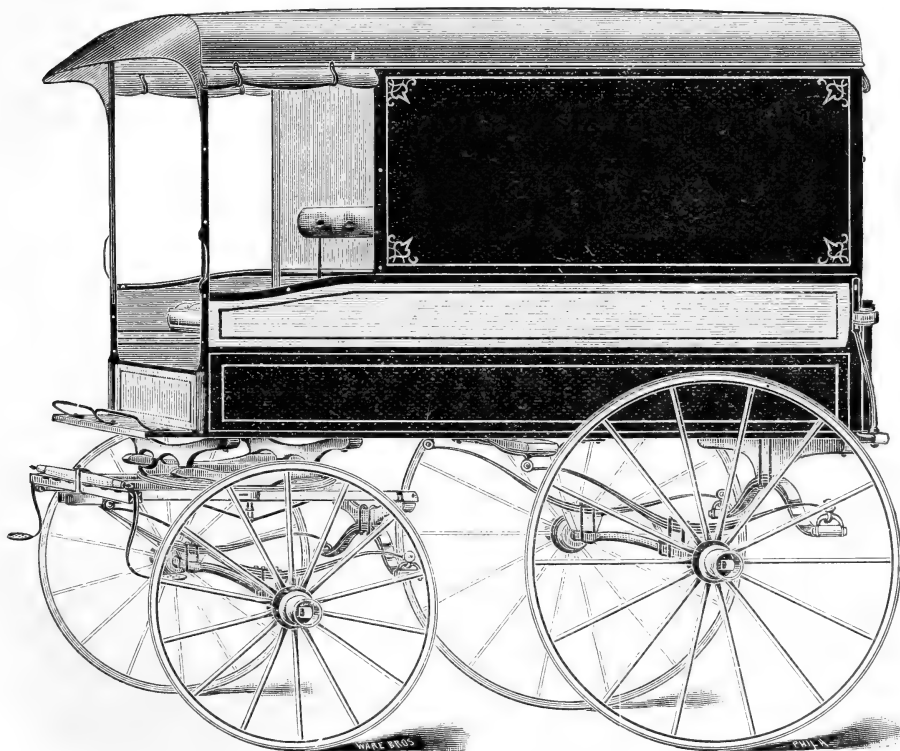
BALTIMORE TRUCKERS' WAGON.

Price, \$165.00



THIS wagon possesses a number of advantages over any that we have seen, as follows, viz: Our body has two rails on the side, studs $\frac{3}{4}$ x 1 inch, has solid corner posts, hardwood end-gate, our tires are $2\frac{1}{4}$ x $\frac{3}{4}$ and our axles are 2 inches in rear and $1\frac{3}{4}$ inches in front. It is the best proportioned, best braced and best finished wagon on the market.

SPRING WAGONS OF EVERY DESCRIPTION.

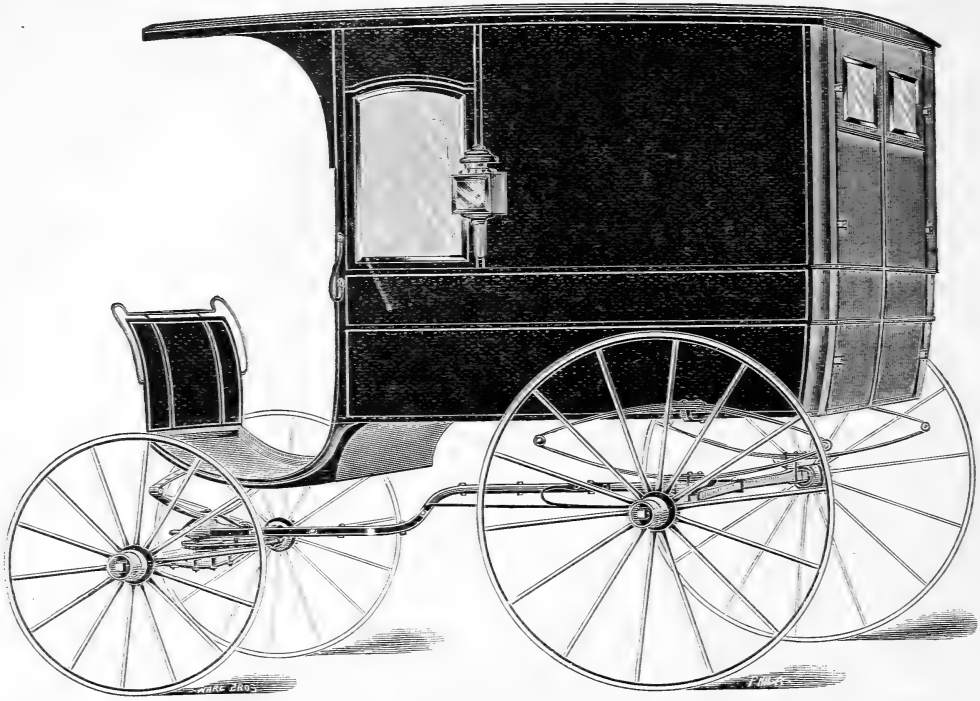


No. 30, Price, \$120.00

We can furnish you any kind of a Spring Wagon at short notice and at lowest prices. Fancy delivery wagons for Grocers, Clothiers, Laundries, etc., etc.

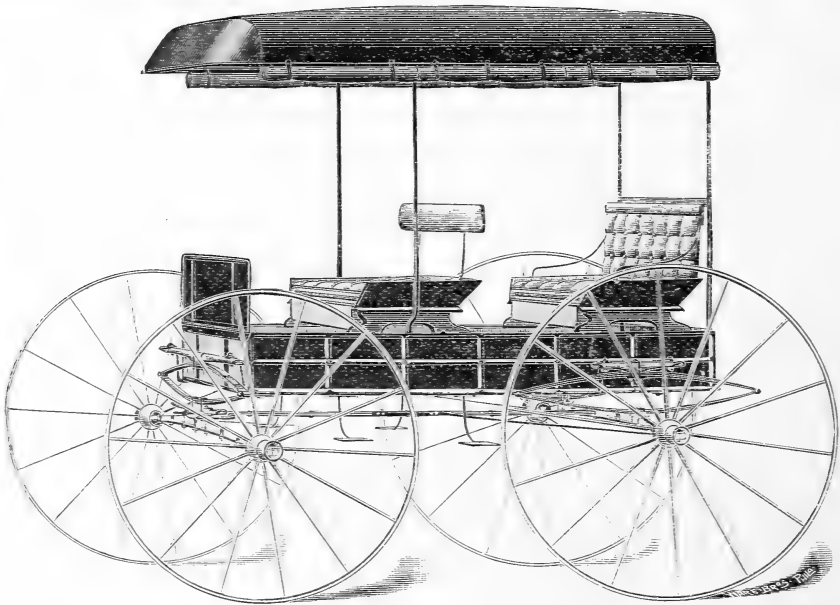
WRITE FOR SPECIAL SPRING WAGON CATALOGUE.

THREE-SPRING DELIVERY OR LAUNDRY WAGONS.



PRICE.—No. 40. Three-Spring Delivery or Laundry Wagon, \$150.00.

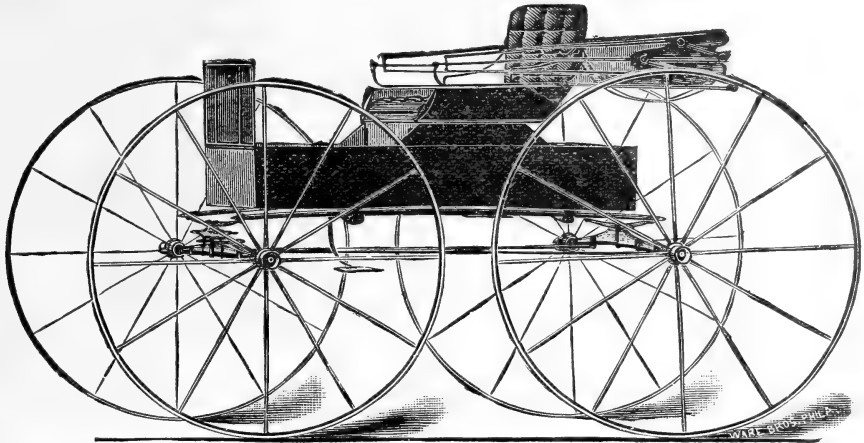
THREE-SPRING AND BREWSTER SIDE-BAR DAYTON WAGONS.



PRICE.—No. 1. Dayton Wagon, \$65.00.
Higher grades of Dayton Wagons made to order specially.

WRITE FOR SPECIAL WAGON AND CARRIAGE CATALOGUE.

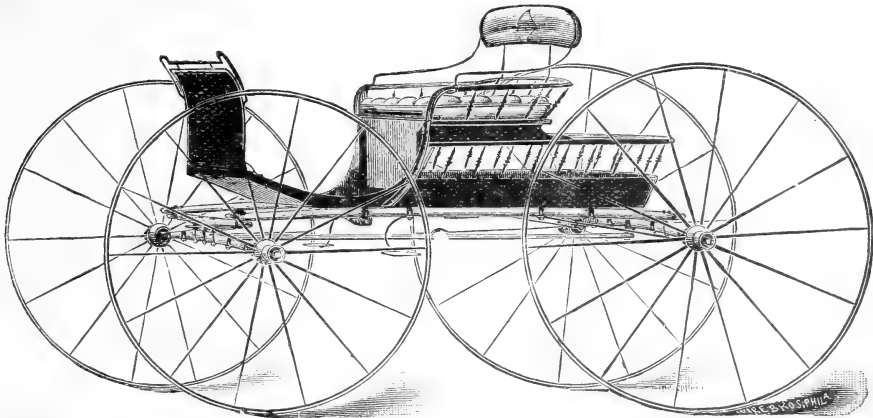
BREWSTER SPRING PIANO BOX BUGGY.



	Retail Price.	List Price.
No. 0, Buggy, with Rubber Top.....	\$50 00	\$ 85 00
No. 0, Buggy, with Leather Quarter Top.....	55 00	90 00
No. 0, Buggy, with Full Leather Top	65 00	105 00

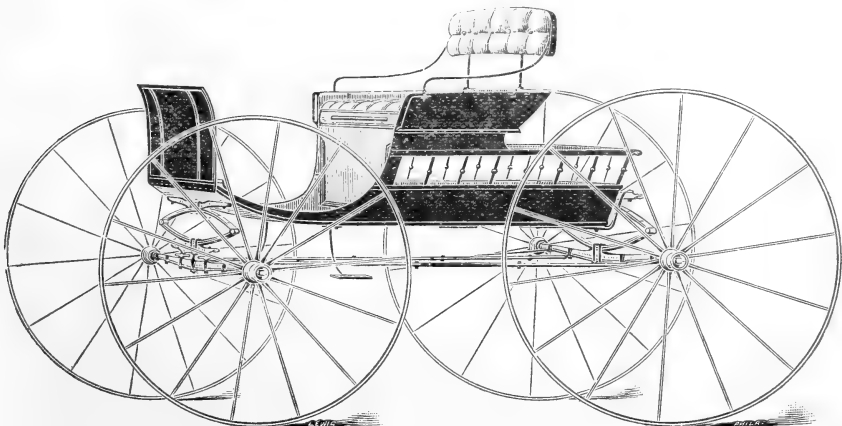
CAN FURNISH BOTH CHEAPER AND LIGHTER GRADE BUGGIES. PRICES ON APPLICATION.

G. & T. GRADE ROAD WAGON.



G. & T. Road Wagon.....Retail Price, \$35 00. List Price, \$60 00
 This Wagon is made with Warner Wheels exclusively, unless specially ordered otherwise; is nicely finished, and is an exceedingly nice job for the money.

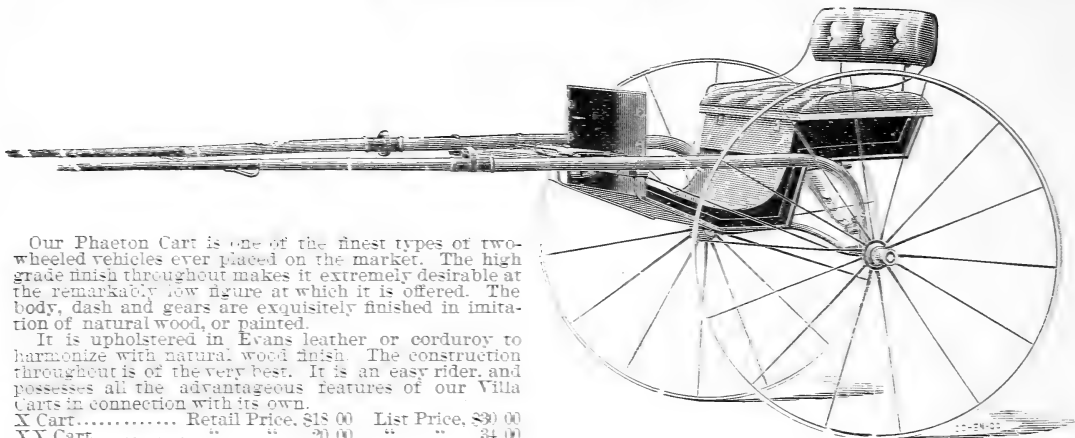
BALTIMORE ROAD WAGON.



Above cut shows Road Wagon with wood dashboard, but the goods are now made with leather dash.
 Retail price.....\$35 00. List price.....\$60 00.

WRITE FOR SPECIAL WAGON AND CARRIAGE CATALOGUE.

X PHAETON CART.

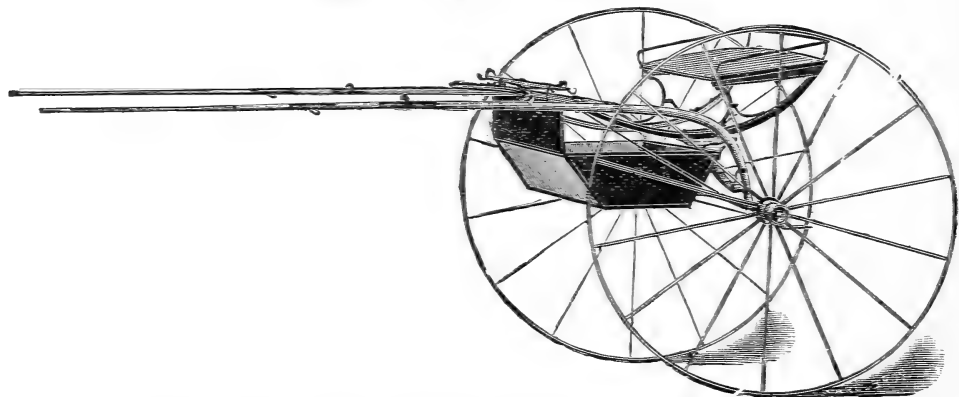


Our Phaeton Cart is one of the finest types of two-wheeled vehicles ever placed on the market. The high grade finish throughout makes it extremely desirable at the remarkably low figure at which it is offered. The body, dash and gears are exquisitely finished in imitation of natural wood, or painted.

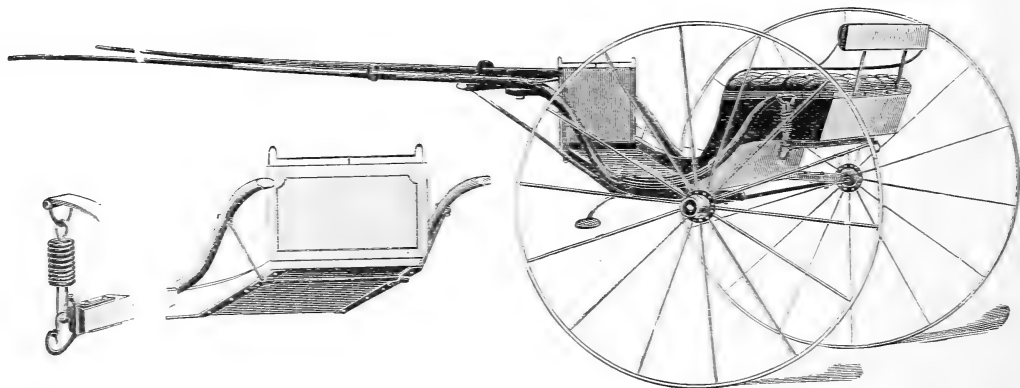
It is upholstered in Evans leather or corduroy to harmonize with natural wood finish. The construction throughout is of the very best. It is an easy rider, and possesses all the advantageous features of our Villa Carts in connection with its own.

X Cart.....	Retail Price, \$18 00	List Price, \$30 00
XX Cart.....	20 00	34 00

No. O BODY CART.



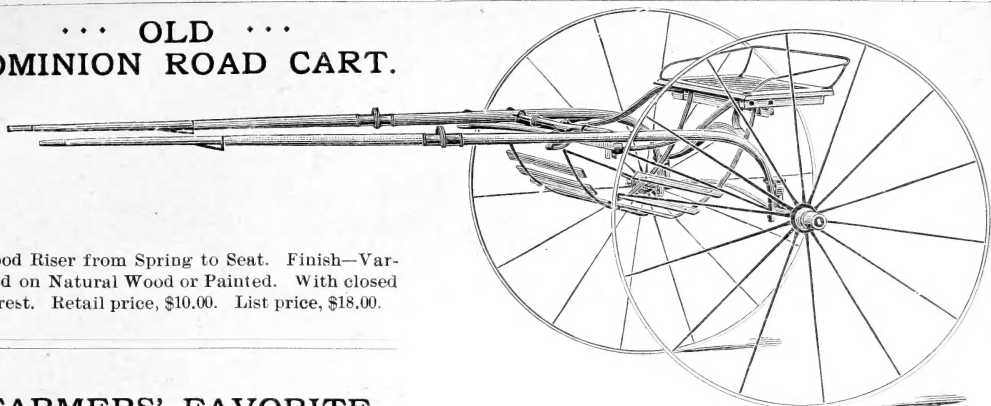
Has a Box Foot Rack, which is interchangeable with the Slat Foot Rack.
Retail price, \$18 00 List price, 30 00



	Retail Price.	List Price.
No. 35 has combination semi-elliptic Springs; entrance from front; a most beautiful Cart; an easy rider.....	\$22 50	\$40 00
No. 45.....	25 00	42 00
No. 20 has combination of Coil Torsion and Spiral Springs; an exceptionally easy rider.....	20 00	35 00

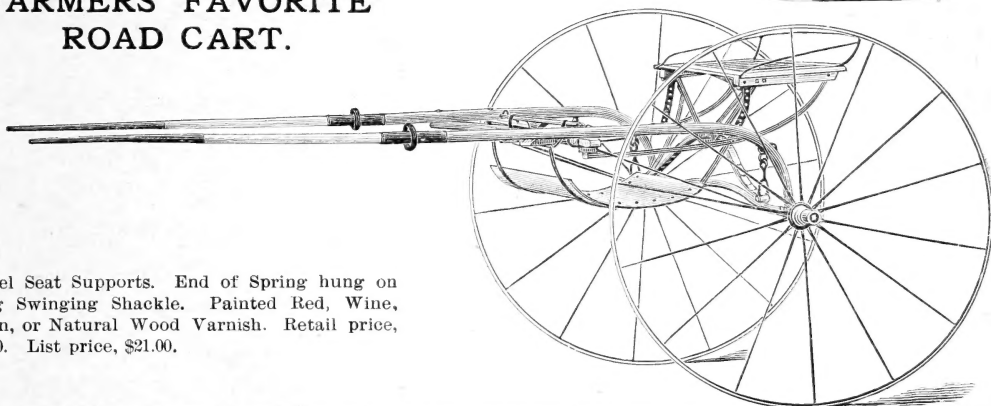
WRITE FOR SPECIAL WAGON AND CARRIAGE CATALOGUE.

... OLD ...
DOMINION ROAD CART.

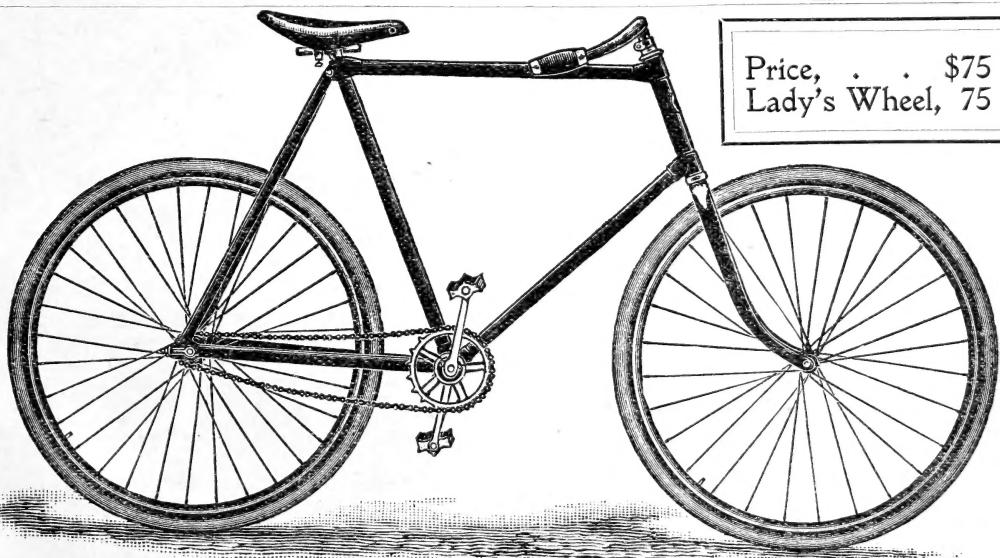


Wood Riser from Spring to Seat. Finish—Var-
 nished on Natural Wood or Painted. With closed
 foot rest. Retail price, \$10.00. List price, \$18.00.

**FARMERS' FAVORITE
 ROAD CART.**



Steel Seat Supports. End of Spring hung on
 Long Swinging Shackle. Painted Red, Wine,
 Green, or Natural Wood Varnish. Retail price,
 \$12.50. List price, \$21.00.



Price, . . . \$75
 Lady's Wheel, 75

THE BALTIMORE BICYCLE.

Frame—Diamond pattern, 1¼, 1½ and ¾ inch imported
 seamless steel tubing. Standard size 24 inches.
Wheels.—28 inches, with interlocked wood rims and
 piano wire spokes.
Hubs.—Latest barrel pattern, turned from solid bar
 steel. ball retaining and self oiling.
Sprockets.—Forged steel, both detachable, facilitating
 change to any gear desired. Rear sprocket hardened.
Chain.—¾ inch, hardened center and hardened rivet.
Cranks.—Tempered spring steel attached by improved
 fastening, quickly removed, can not work loose.
Ball Bearing Parts.—All of best quality tool steel,
 hardened and ground true.

Pedals.—Rat-trap or rubber.
Handle Bar.—Choice of Rams-horn, regular drop or
 raised pattern of large seamless tubing well rein-
 forced.
Seat Post.—Regular Tee Pattern.
Saddle.—"1896" Hunt or similar pattern.
Tires.—Morgan & Wright, North American or League.
Tread.—Five inches.
Weight.—Twenty-three pounds.
Finish.—Black enameled, all bright parts heavily nick-
 eled on copper.
Tool Bag.—To match saddle, containing wrench, oil
 can, pump and repair kit.

WRITE FOR SPECIAL BICYCLE CATALOGUE.

HARNESSES.

No. 1, SINGLE BUGGY.

Bridles, $\frac{5}{8}$ " inch; Traces, 1 inch; Saddle, 2 $\frac{1}{2}$ inches; Breast Collar and Breaching, single leather; Flat Lines, with Web Handparts; X-C Mounting. Price, with Collar and Hames, \$7.00; with Breast Collar, \$6.50.

No. 2, SINGLE BUGGY.

Bridle, $\frac{5}{8}$ inch; Trace, 1 $\frac{1}{2}$ inches; Saddle, 3 inches, with Nickel Hook and Terrets; Breast Collar and Breaching, Folded with Straight Lay; Flat Lines; X-C Mounting; Imitation Hand Stitched. Price, with Collar and Hames, \$10.00; with Breast Collar, \$9.00.

No. 5, SINGLE BUGGY.

Bridle, $\frac{5}{8}$ inch; Traces, 1 $\frac{1}{2}$ inches; Saddle, 3 inches; Breast Collar and Breaching, Folded with Straight Lay; Flat Lines; X-C Mounting, with Nickel Hook and Terrets; Imitation Hand Stitched. Price, with Collar and Hames, \$11.50; with Breast Collar, \$10.00.

No. 4, SINGLE CARRIAGE.

Bridle, $\frac{5}{8}$ inch; Traces, 1 $\frac{1}{4}$ inches; Saddle, 3 $\frac{1}{2}$ inches; Breast Collar and Breaching, Folded with Straight Lay; Flat Lines; X-C Mounting; Imitation Hand Stitched. Price, with Collar and Hames, \$11.75; with Breast Collar, \$10.50.

No. 5, SINGLE CARRIAGE.

Bridle, $\frac{3}{4}$ inch, Chain Front; Traces, 1 $\frac{1}{4}$ inch; Saddle, 4 inches; Breast Collar and Breaching, Folded with Straight Lay; Flat Lines; Nickel Hook and Terrets, and balance of Mounting X-C; Imitation Hand Stitched. Price, with Collar and Hames, \$14.00; with Breast Collar, \$12.50.

No. 6, SINGLE CARRIAGE.

Bridle, $\frac{5}{8}$ inch, Front; Trace 1 $\frac{1}{2}$ inches; Saddle, 3 inches, Hand Laced, Leather Lined; Breast Collar and Breaching, Folded with Wave Lay; Flat Lines; Full Nickel or Imitation Rubber Mounting; Imitation Hand Stitched. Price, with Collar and Hames, \$15.50; with Breast Collar, \$13.00.

No. 7, HAND-MADE SINGLE BUGGY.

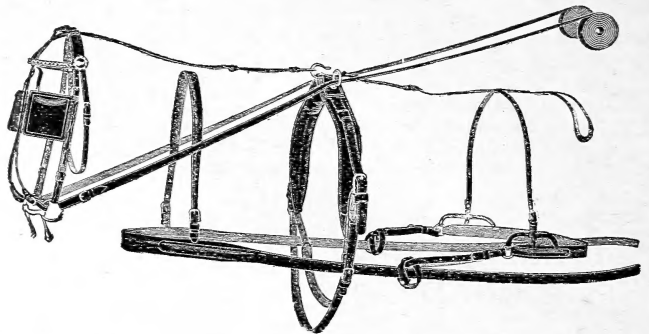
Bridle, $\frac{5}{8}$ inch; Traces, 1 $\frac{1}{2}$ inches; Saddle, 3 inches, Hand Laced, Leather Lined; Breast Collar and Breaching, Folded with Wave Lay; Flat Lines; Full Nickel or Imitation Rubber Mounting; Hand Stitched. Price, with Collar and Hames, \$21.00; with Breast Collar, \$18.50.

No. 100, EXPRESS.

Bridle, $\frac{3}{4}$ inch; Traces, 1 $\frac{1}{4}$ inches; Saddle, 4 inches; Red Wood Hames, with X-C Ball Top; Folding Breaching, with Straight Lay; Double Hip Straps; X-C Mounting. Price, \$14.50.

No. 101, EXPRESS.

Bridle, $\frac{3}{4}$ inch; Traces, 1 $\frac{1}{4}$ inches, with Cockeyes; Saddle, 4 inches, with Kersey Lining; Red Wood Hames with Brass Ball Top; Folded Breaching, with Straight Lay, Double Hip Straps; Brass Mounting; Imitation Hand Stitched. Price, \$19.00.



No. 102, EXPRESS.

Bridle, $\frac{3}{4}$ inch; Traces, 1 $\frac{1}{2}$ inches, to buckle to Hames, or with Heel Chains and attached to Hames; Saddle 4 $\frac{1}{2}$ inches, with Kersey Lining; Folded Breaching, with Straight Lay; Double Hip Straps; Brass or Nickel Mounting; Imitation Hand Stitched. Price, \$22.50.

No. 200, DOUBLE BUGGY.

Bridles, $\frac{5}{8}$ inch; Traces, 1 inch; Fancy Bound Pads; 1 $\frac{1}{2}$ Side Pieces and Folded Bellybands; Turnbacks, $\frac{3}{4}$ inch; Hip Strap, $\frac{5}{8}$ inch, with Patent Leather Drops; Flat Lines; Kip Collars; X-C Mounting. Price, \$17.50.

No. 201, DOUBLE BUGGY.

Bridles, $\frac{5}{8}$ inch, Imitation Chain Front; Traces, 1 $\frac{1}{2}$ inches; Fancy Bound Pads under same; 1 $\frac{1}{2}$ inch Side Pieces and Folded Bellybands; Turnback, $\frac{3}{4}$ inch; no Hip Strap; Flat Lines; Patent Leather Collars; Full Nickel or Imitation Rubber Mounting; Imitation Hand Stitched. Price, \$25.00.

No. 202, DOUBLE BUGGY.

Bridles, $\frac{5}{8}$ inch; Traces, 1 $\frac{1}{2}$ inches; Plain Pads, with Leather Housings under same; 1 $\frac{1}{2}$ inch Side Pieces; Folded Bellybands; Turnback, $\frac{3}{4}$ inch, waived; Flat Lines; Patent Leather Collars; Nickel or Imitation Rubber Mounting; Imitation Hand Stitched, nicely Finished. Price, \$30.00.

No. 300, DOUBLE WAGON.

Bridle, $\frac{3}{4}$ inch; Harness Leather Winkers; Ball Top Hames; 1 $\frac{1}{2}$ inch Traces, riveted to Hames, with Chain Ends; Folded Pad and Breaching; $\frac{3}{4}$ -inch Double Hip Strap; Kip Face Collars; Flat Lines. Price, \$20.00.

No. 301, DOUBLE WAGON.

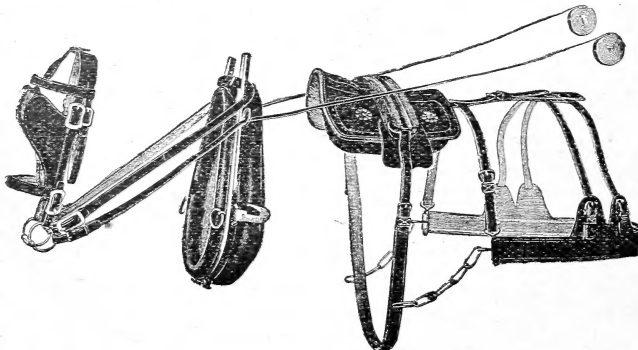
Bridle, $\frac{3}{4}$ inch, Patent Leather Winkers; Ball Top Hames; 1 $\frac{1}{2}$ -inch Traces, riveted to Hames, with Chain Ends; Folded Pads and Breaching; $\frac{7}{8}$ Double Hip Strap; Kip Collars; Flat Lines; Imitation Hand Stitched. Price, \$26.00.

No. 302, HEAVY DOUBLE WAGON.

Bridle, $\frac{3}{4}$ inch, Patent Leather Winkers, Box Loop Checks; Brass Ball Top Hames; 2-inch Traces, riveted to Hames, with Chain Ends; Heavy Pads, and Breaching; 1 inch Double Hip Strap; Kip Collars; Flat Lines; Imitation Hand Stitched. Price, \$34.00.

No. A, DUMP CART.

Bridle, $\frac{7}{8}$ inch; Lines, $\frac{7}{8}$ inch; Breaching, 3 inches; No. 5 Saddle, Leather Covered; No. 62, Iron Bound Hames, $\frac{7}{8}$ Hame Strap; Tug Chains; Kip Team Collar. Price, \$10.00. Prices on cheap Cart Harness on application.



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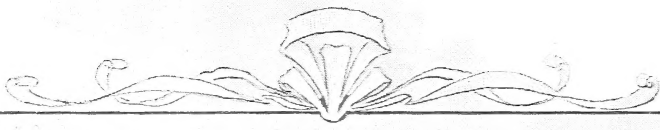
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SEED TABLET.

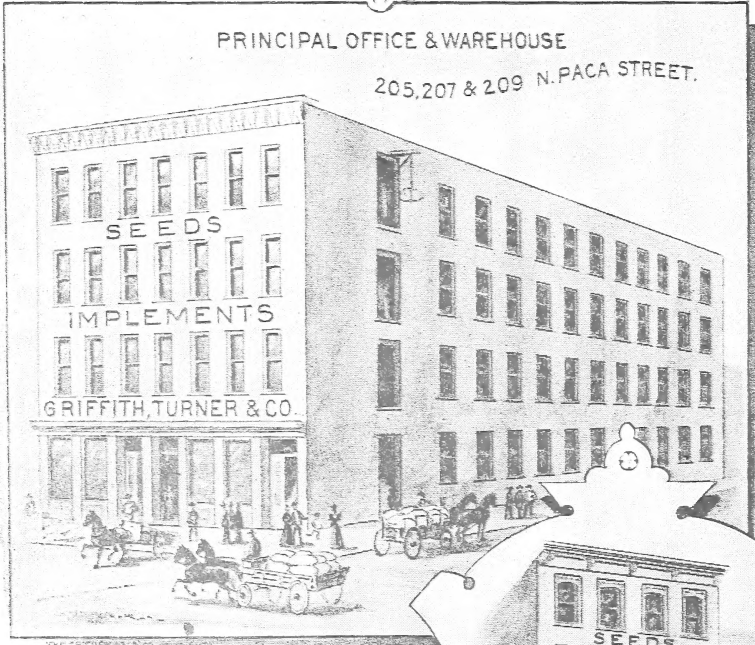
THE QUANTITY OF SEED USUALLY SOWN TO AN ACRE.

Asparagus.....	5 lbs.	Grass, Hungarian.....	1 bush.	Potato, cut tubers, in drills.....	8 bush.
Barley, broadcast.....	2 to 3 bush.	Grass, Lawn.....	3 to 4 bush.	Radish, in drills.....	6 to 8 lbs.
Beans, dwarf, in drills.....	1 to 1 1/2 bush.	Grass, Orchard.....	28 lbs.	Radish, broadcast.....	10 lbs.
Beans, pole, in hills.....	8 to 10 qts.	Grass, Red Top.....	28 lbs.	Rye, broadcast.....	1 bush.
Beet, in drills.....	4 to 6 lbs.	Grass, R. I. Bent.....	3 bush.	Salsify, in drills.....	6 to 8 lbs.
Broom Corn, in hills.....	4 to 6 qts.	Timothy.....	4 to 6 bush.	Sorghum.....	10 to 12 lbs.
Buckwheat, broadcast.....	1/2 bush.	Kale.....	4 to 6 bush.	Spinach, in drills.....	12 to 15 lbs.
Cabbage, in beds, to transplant.....	1 lb.	Millet.....	1 bush.	Squash, (bush varieties), in hills 4 to 6	
Carrot, in drills.....	2 to 3 bush.	Melon, Musk.....	1 1/2 to 2 lbs.	Squash, (running varieties), in hills. 3 to	
Celery, to transplant.....	1 lb.	Melon, Water.....	2 to 3 lbs.	4 lbs.	
Corn, in hills.....	8 qts.	Mustard, broadcast.....	12 to 16 qts.	Turnip, in drills.....	1 lb.
Corn, for soiling.....	2 to 3 bush.	Mangold Wurzel.....	4 to 6 bush.	Turnip, broadcast.....	2 to 3 lbs.
Clover, Alsike.....	12 lbs.	Oats, broadcast.....	2 to 2 1/2 bush.	Tomato, to transplant.....	4 lb.
Clover, red, alone.....	15 lbs.	Onions, in drills, to make large Onions,		Vetches, broadcast.....	2 to 3 bush.
Clover, white, alone.....	12 lbs.	6 to 8 lbs.		Wheat, broadcast.....	1 1/2 to 2 bush.
Clover, white, with other seeds.....	4 lbs.	Onion Seeds, for small sets.....	40 to 60 lbs.	Wheat, in drills.....	1 bush.
Clover, Lucerne, alone.....	15 lbs.	Parsnip, in drills.....	4 to 6 lbs.	Clover, } together } 8 lbs. Clover.	
Clover, scarlet.....	12 lbs.	Peas, Early, in drills.....	1 bush.	Timothy, } for } 10 lbs Timothy.	
Cucumber, in hills.....	2 lbs.	Peas, Marrowfat, in drills.....	1 1/2 bush.	Red Top, } one acre } 14 lbs. Red Top.	
Flax, broadcast.....	1 to 2 bush.	Peas, broadcast.....	2 to 3 bush.		
Grass, blue, alone.....	28 lbs.				



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