

CATALOG

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EUREKA

= M O W E R =

COMPANY

UTICA, N. Y.
U. S. A.

ESTABLISHED 1867



CATALOG I

Eureka Mower Company

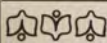
Utica, New York, U. S. A.

MANUFACTURERS POTATO PLANTERS
— OF — POTATO CUTTERS
CORN PLANTERS · WEEDERS · MULCHERS
CULTIVATORS · SPRING TOOTH HARROWS
CENTER DRAFT MOWERS · LAWN SWINGS
SEEDERS · WAGON JACKS · GRINDSTONES
— FLY AND INSECT KILLER —
BARREL AND ASH CAN TRUCKS, ETC., ETC.

Cable Address "Eureka", Utica



WE



again have occasion to express our appreciation of the co-operation given us by our patrons during the past year, resulting in the largest volume of business in the history of our company.

There is considerable satisfaction obtained from the continuous growth of a business, but we are equally as interested in maintaining a policy which will assure the development and production of the best goods of their kind. We desire

To gain success through service and merit.

To have the best business of its kind and to make
our lines profitable to all.

Farmers frequently write us that they have used the same Eureka implement for twenty-five or more years, with a very low maintenance cost; nevertheless, we give increased thought each year to design and construction which will further decrease wear and breakage. We take pride in our exceedingly small sale of repairs.

The Eureka Line is described herein and merits the consideration of dealers and users.

We have trade connections throughout the world and invite your correspondence.

EUREKA MOWER CO.

H. G. NEWCOMER, President

G. W. SEYBOLD, Treasurer

A. H. MUNSON, Vice-President

F. J. LUDEMANN, Secretary

W. E. GILROY, Superintendent

Eureka Potato Planters



No. 8 Eureka, One Horse, One Row Potato Planter
Sold with or without Fertilizer Attachment



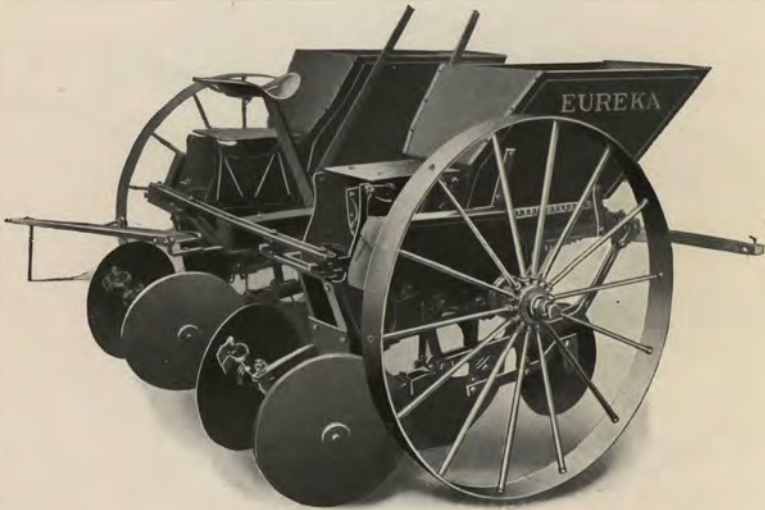
No. 11-B Eureka, One Row, Two Horse, One Man Potato Planter
With Double Tube Fertilizer Attachment

Sold with or without Fertilizer Attachment

Disc Opener supplied when ordered

ASK FOR SPECIAL CATALOG

Eureka Potato Planters



No. 14 Eureka, Two Row, Two Horse, One Man Potato Planter
Sold with or without Fertilizer Attachment
Disc Opener supplied when ordered

The "Eureka" is the only practical Two Row Potato Planter manufactured. It is thoroughly successful and has a large sale. Is easily drawn by two horses and operated by one man. The two sides work independently of each other and adjust to plant two rows of usual widths. The No. 14 has been successfully sold for ten years in many countries. It saves horses and men and permits the use of Two Row Cultivators.

Eureka Mower Co.,
Utica, N. Y.
Gentlemen:—

Chesterfield, N. J., Sept. 20, 1911.

Having purchased two of your two-row Eureka Potato Planters, and after using them in planting 130 acres in potatoes I would say that they were as accurate as any machine I ever used, and, of course, doing as much work as four single row machines. Shall use nothing but them next season.

Yours truly,

R. B. HARRISON.

Eureka Mower Co.

Kent, Ohio, Apr. 15, 1912.

Dear Sirs:—We bought a Eureka Potato Planter 11 years ago this spring, second-hand. It planted 30 acres the first spring, and has planted between 30 and 40 acres every spring. We have always had a good stand of potatoes. There has been spent only 41 cents for repairs, and it has been handled pretty rough, as we have loaned it to our neighbors.

Yours truly,

PETER MILLER.

ASK FOR SPECIAL CATALOG

Eureka Potato Planters

THE LARGEST LINE

The Eureka line of Potato Planters is the largest manufactured. No other company is prepared to supply the requirements of all growers so satisfactorily. The general description of the Eureka applies to the different sizes of No. 8, No. 11 and No. 14, as the operating parts are interchangeable on all Eureka Planters.

FRAME AND WEIGHT

The main frame is made entirely of steel, and practically all of the operating parts are steel or malleable iron. By avoiding the numerous cast iron parts that are used in other makes of planters, we secure a much stronger and dependable machine and lessen the cost of keeping in repair.

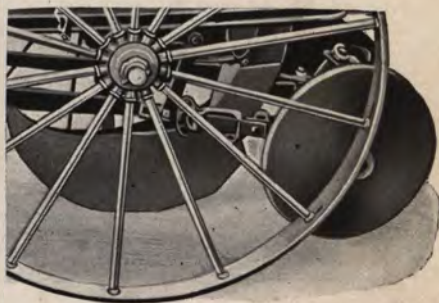
LIGHT DRAFT All users enthuse regarding the light draft of the Eureka, as compared with other makes. Our No. 11 and No. 14 are equipped with strong steel wheels, 40-inch diameter, with $3\frac{1}{2}$ -inch tire. These unusually large wheels decrease draft, carry the machines more steadily over rough and uneven fields, and prevent sinking into the soft earth of the fields. Both wheels drive.

**EASILY
OPERATED** The driver clearly sees the operation of the seed pickers and fertilizer distributor and does not have to guess as to accuracy of the machine. All working parts are in plain view and all adjustments are easily and quickly made. The machine is automatic and requires only one man.

A specially constructed lever, without finger latch, is easily operated from seat. This raises the plow and dises above the ground, throws the machine out of gear and raises the marker, saving considerable time as required with other potato planters having several levers.

ACCURACY The dropping mechanism of the Eureka is very simple, with a positive movement, and is unusually accurate. Frequent tests have shown it to be more than 95 per cent. correct. Many users report 97 to 99 per cent. A planter with this high average satisfies growers and entirely offsets the old time argument made to sell planters which require a driver and an extra man to watch the seed dropper and supply the skips. The Eureka, with one man, will equal, if not surpass, the results obtained from any other style.

**UNIFORM
DEPTH** Instead of being two feet or more ahead of the main axle, our furrow opening plow is placed directly under the axle. It is, therefore, carried in a relative position with the wheels over uneven ground, absolutely insuring planting at an even depth under all conditions. Other planters do not have this construction, and the value of this feature has influenced many growers



Eureka Potato Planters

to purchase the Eureka. The crops come through the ground uniformly and make an even stand.

COVERING DISCS

These are fitted with scrapers to clean discs, when needed. The discs can be adjusted as to height or width, as desired, without changing the position of the plow. Some makes of planters place the discs from three to four feet back of the plow. The Eureka discs are placed as close to the plow as is possible for them to travel, and positively cover on side hills and uneven ground. They cannot "slew" on side hills, turning the seed out of the furrow.

AUTOMATIC FEED

The bottom of the potato hopper is an endless conveyor. This travels very slowly, carrying the seed into the picker pit. When the pit is properly supplied the weight of the potatoes operates a governor which stops the movement of the conveyor. After the pickers have removed some of the seed, the conveyor again starts automatically. This ingenious and patented construction provides at all times for the right quantity of seed, and overcomes the inaccuracy experienced with other makes of planters. None of the parts are complicated and seed is not injured.



PICKER POINTS

The pickers are hardened steel drawn to a very fine point, and are screwed into the picker arms in pairs. As the pickers revolve through the seed the points engage a seed; the arm turns outside of the picker pit and a stripper casting pushes the seed off the point at uniform distances apart. The seed is not mutilated or injured in any way. There are simply the very small holes made by the picker points. This is a great improvement over the styles of pickers that squeeze and crush the seed.

DISTRIBUTING FERTILIZER

The Eureka method of distributing fertilizer is preferred by growers. No part of the fertilizer comes in contact with the seed. The seed drops in the V of the plow, and special coverers turn earth upon the potato to any depth desired before any fertilizer is applied. Then, instead of dropping the fertilizer on the furrow, it is distributed through two tubes, shown on No. 11-B Planter, on page 3, and is spread evenly on both sides of the furrow in such a manner that when the covering discs turn the earth the fertilizer becomes thoroughly mixed with the earth that covers the seed.

Inasmuch as the tubers push toward the top of the soil in growing, it will be quickly understood why the Eureka method is preferred.

ASK FOR SPECIAL CATALOG



Eureka Potato Planters

TOP DRESSING The Eureka is used in many sections to put fertilizer on potatoes, corn and other crops after the plants have started. By removing the planter plow fertilizer can be distributed, the crop hilled, if desired, and weeds destroyed without any special attachments. There being two fertilizer tubes, which are adjustable, fertilizer can be placed at any part of the furrow.

**DISC
OPENER**

For stubble, sod or roots, a double disc opener is supplied, when ordered, as shown on No. 11-F cut below.

Eureka Mower Co.

Foxcroft, Me., Dec. 2, 1913.

Gentlemen:—My Eureka Potato Planter has planted 220 acres with a cost of only 37c for repairs. The potatoes have always come well when the seed and season were good and the yield averaged well. I think I never saw a tool so well made. I like the Eureka Planter because I am in touch with the high cost of repairs of three other makes of planters.

Yours truly,

E. D. COLLINS.

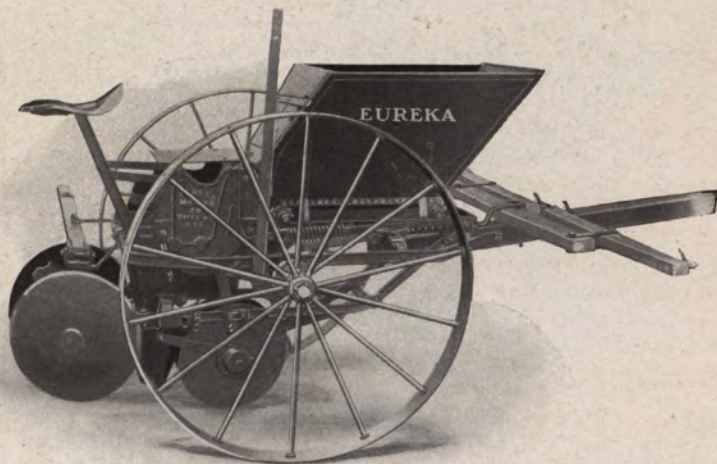
Gentlemen:—

Verndale, Minn., June 25, 1913.

I have planted a large acreage of potatoes with the Eureka Two Row Planter and I don't see how anything could be made more complete or do the work better.

Yours truly,

BRYANT GRAVES.



No. 11-F Eureka, One Row, Two Horse, One Man Potato Planter

With Double Disc Opener

Sold with or without Fertilizer Attachment

ASK FOR SPECIAL CATALOG

Eureka Potato Cutter

Great
Capacity



Long -
Lived

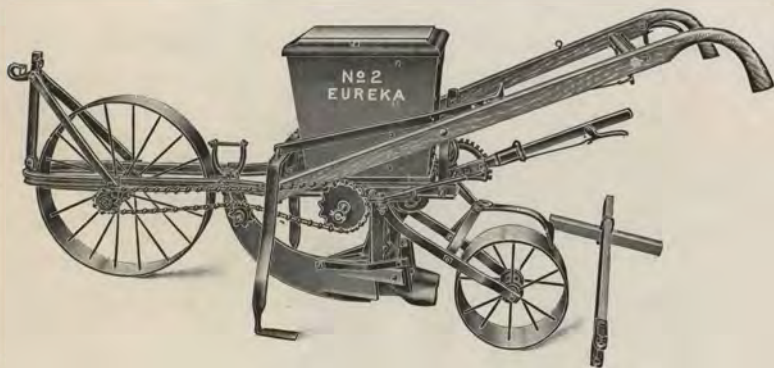
ITS PURPOSE The Eureka Potato Cutter is the only machine made which will save the potato grower as large an amount of labor and eliminates so much of the unpleasantness and drudgery of cutting seed. It meets the requirements of the most exacting by cutting the seed uniformly in size and shape, producing a size that is approved by the most successful growers and saving the waste occasioned by the irregularity of hand cutting.

THE OPERATION By operating with the foot, both hands are free for feeding. Three knives are placed crosswise and one lengthwise, with spring pressure guides on both sides, making a pocket into which the potato is easily placed in the position desired, and which centers the potato on the knives when the pressure block is forced down. There is an adjustable guage which assists in properly placing different sizes of potatoes.

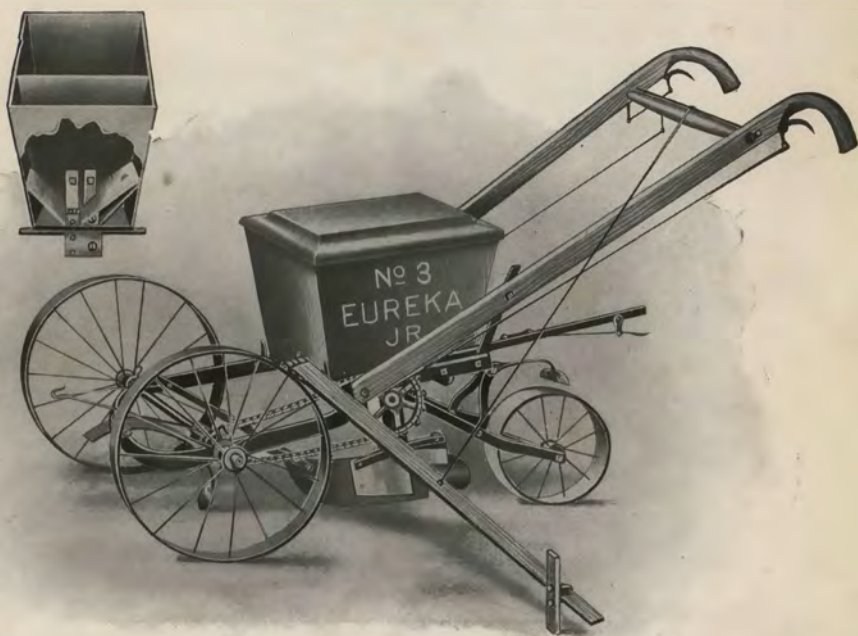
The demand in recent years has been for a Cutter with large capacity. The Eureka has a greater capacity than any other. It will cut a bushel of clean and uniform seed in five minutes.

Eureka Corn Planters

With Fertilizer Attachment

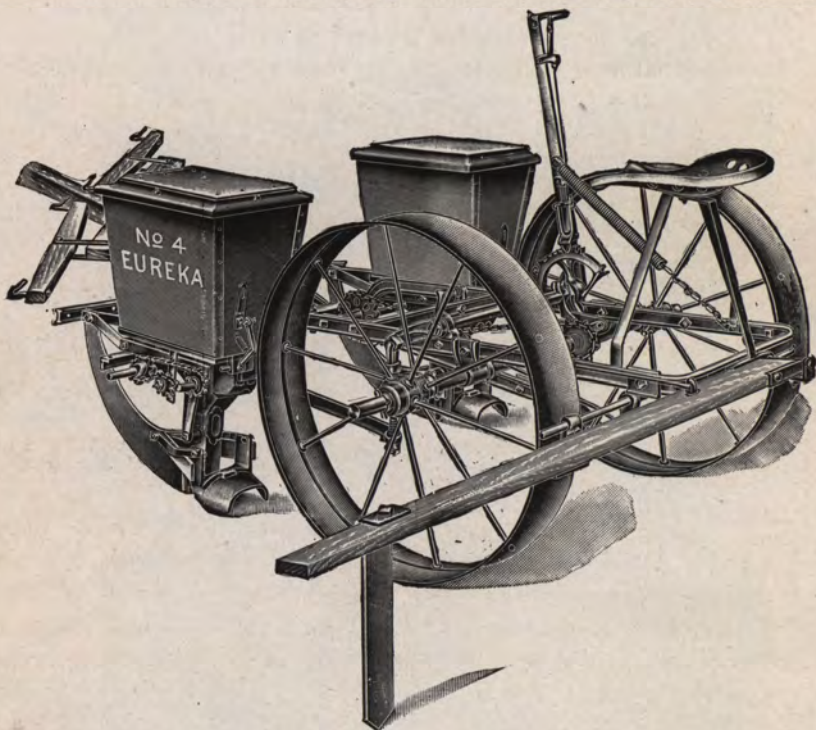


No. 2 Eureka Jr. One Row
With Standards to Prevent Tipping Over
Plants in drills, hills or checks



No. 3 Eureka Jr. One Row
With Two Drive Wheels and Opening Tooth
See description on pages 11 and 12

Eureka Corn Planters



No. 4 Eureka Riding Two Row. Plants Corn, Peas, Beans, Beets, Etc.

The Eureka No. 4 is supplied with either closed, concaved tire wheels, or open tire, as may be desired.

Fertilizer attachments and markers are always furnished.

No. 4 adjusts to plant 30, 36 or 42 inches between rows, as desired, and can also be made to adjust for 28 inch rows, if so ordered.

The lever raises and lowers the runners, and in connection with a spring tension, the depth of planting is controlled. The frame will also float and allow runners to conform to uneven ground.

Edmeston, N. Y., May 6, 1911.

Eureka Mower Co.

Gentlemen:—I need a shoe for a "Eureka Jr. Corn Planter." I do not know the number, but I think I have had it at least 15 years. You may think that I need a new planter by this time, but I will say it is doing business yet.

Yours very truly,

CLARENCE A. TALBOT.

See description on pages 11 and 12

Eureka Corn Planters

CONSTRUCTION The Nos. 2, 3, and 4 Planters have interchangeable parts, and this general description applies to them all. The material used is almost entirely steel and malleable iron, making a long lived planter with little cost for maintenance. Locke steel chain is used.

SEED DROPPER

The seed droppers have holes of various sizes which carry the seed from the hopper to the boot and deposit it in the furrow. As shown by illustration, in the dropper holes are screws which are turned in or out to regulate the quantity of seed to be planted. Brushes remove all surplus seed from the dropper and insure the planting of a uniform amount. This construction absolutely prevents any skips and handles, without injury, various seeds that are crushed or broken by other planters.



ADJUSTMENTS Eureka Planters will drill the seed in continuous rows, or drop automatically in hills the distance apart desired. Various changes can be made for the distance between hills. The driver can see the seed dropping and is never in doubt as to obtaining the results desired. The Nos. 2 and 3 only, are equipped with a row checking device.

VARIETY OF WORK

A very popular feature is the great variety of seeds in addition to corn that can be successfully handled by the Eureka without expensive attachments. The regular dropper will plant Corn, Peas, and ordinary sized Beans. A different style dropper, for which the user pays \$1.00, is required to plant Beets and Kidney Beans. A special attachment can also be supplied to plant Turnip and Onion Seeds.

DOUBLE HOPPER

Some growers desire two kinds of seed in the same row, dropping a hill of corn and in the next hill planting beans. When desired, two kinds of seed can be separately carried in the Eureka hopper at the same time, and kernels of each be dropped in alternate hills or both in the same hill.

Eureka Mower Co.

Hector, N. Y., Mar. 20, 1911.

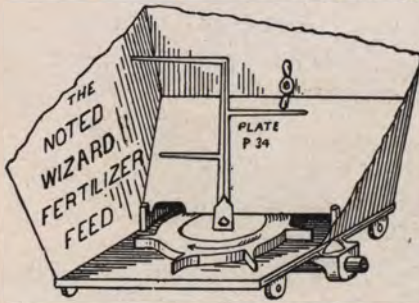
Gentlemen:—The No. 4 Eureka Corn Planter I purchased of you in 1909 has given the most perfect satisfaction. Have used it mostly in planting corn and beans. I can't see wherein I could ask for a machine to do more perfect work than it has done for me in all kinds of ground.

Very respectfully yours,

(Signed) DR. C. D. SMEAD.

Eureka Corn Planters

FERTILIZER



The Wizard Force Feed is positive and adjustable for various quantities from 115 to 800 lbs. The fertilizer does not come in contact with the seed, but is deposited on each side of seed. The Wizard is unquestionably the best fertilizer feed manufactured, and will satisfactorily handle all grades of fertilizer. Ashes and plaster can also be used, if screened. No other feed has so effective agitators. Inefficient fertilizer attachments are the cause of frequent complaints on otherwise good corn planters. The fact that

no complaint is ever made on the Eureka is evidence of its popularity and correct design.

COVERING

Clods, trash and stone are pushed aside by wings attached to the runners, so that the seed is covered by the best soil. A coverer is placed directly back of the runner and the wheels following press down the soil in a way that secures the most effective germination.

END OF ROW

Levers shut off flow of fertilizer and seed at end of row on all Eureka Corn Planters and control the depth of planting.

CORN SILAGE

The importance of planting silage corn for feed is better appreciated each year, and interest in it is particularly stimulated in seasons of short pastures and hay yield. The forehanded stock raiser and dairyman not only provides for a liberal supply of silage for winter use, but endeavors to have sufficient left over from the winter's feeding to cover the periods of drouth and temporary shortage in pastures. Silage is the only green feed which affords a substitute for pastures.

The cost of corn silage, according to figures submitted by various farmers, averages about \$1.50 per ton, although some report as low as \$1.00 per ton. This includes the cost of plowing, planting, cultivating, harvesting, filling silo and interest on land and equipment.

The successful growers of silage corn plant same much more thickly than they plant corn for grain purposes.

The Eureka Corn Planter is especially adapted for the successful planting of silage corn, and probably more Eureka Planters are used in the most prominent silage growing states than any other style.

Eureka Mower Co.

Dear Sirs:—I have sold about 40 Eureka Corn Planters in the last 2 seasons and find they have given the best of satisfaction. They will drop the corn and fertilizer in any quantity the farmer may wish, and will cover the same in the best way known. They are well made.

Poland, N. Y., Mar. 4, 1911.

Yours truly,

FRANK HOWE.

Dear Sirs:—

Windham, N. H., June 20, 1910.

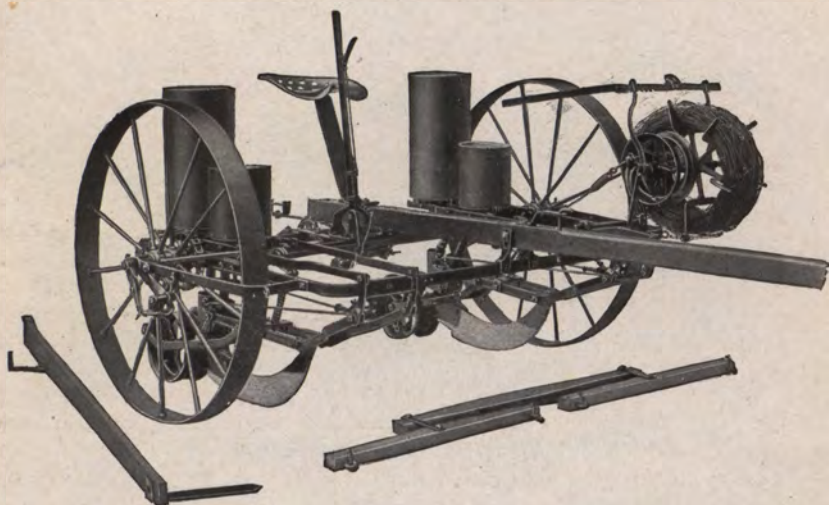
Please send me catalogue of Eureka Corn Planters. My brother bought your Eureka Planter about fifteen years ago and it is doing good work yet.

Very respectfully yours,

(Signed) HARLAN E. CAMPBELL.

No. 5 Eureka Corn Planter

With or Without Wire Check Rower



The Eureka No. 5 is the only Check Row Corn Planter made in the east. Our long experience in the eastern states has enabled us to embody in the No. 5 features of advantage to the user not obtainable from any other manufacturer.

UNIFORM DEPTH

The shoes are placed directly under the axle and always open the furrow uniform depth, maintaining a relative position with the drive wheels over uneven ground. An even growth of the crop is assured. Effective coverers, and spring pressure, concaved wheels follow the shoes.

FERTILIZER ATTACHMENT

Many corn planters have been criticized because of their inefficient fertilizer distributors. We have adapted to the Eureka No. 5 the same feed that has pleased the users of our other planters for many years. Effective agitators are used and the fertilizer is deposited each side of the seed and does not come in contact with it.

THE DROPPER

Metal dropping plates are used and are quickly adjusted to plant various quantities of kernels in drills, hills or checks.

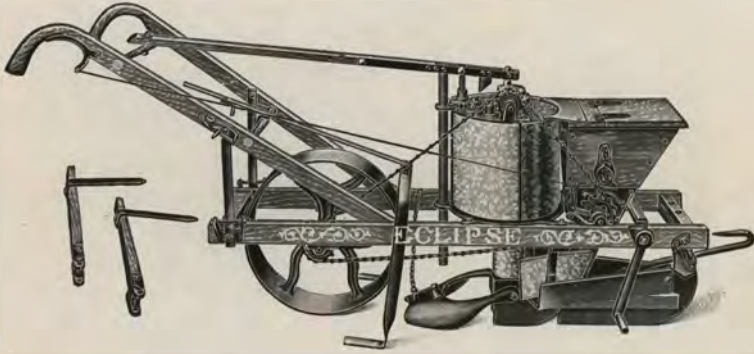
CHECK ROWER

When desired, the wire attachment is supplied to check rows, for cultivation both ways. The check heads operate on a shaft passing through the wheel hubs and relieve the wire of the usual strain.

All weight over the axle. Planter evenly balanced.

Eclipse Corn Planter

With Fertilizer Attachment



Adjustable Standards to Prevent Tipping Over

The Eclipse has been on the market for more than twenty-five years and during that time has established an enviable reputation. We continue to manufacture it the same as in the past.

SEED Is carried in pockets in dropper block, which can be adjusted to plant the number of kernels desired of Corn, Beans or Peas in drills, hills or checks. There can be no skips. The seed can be dropped a variety of distances apart.

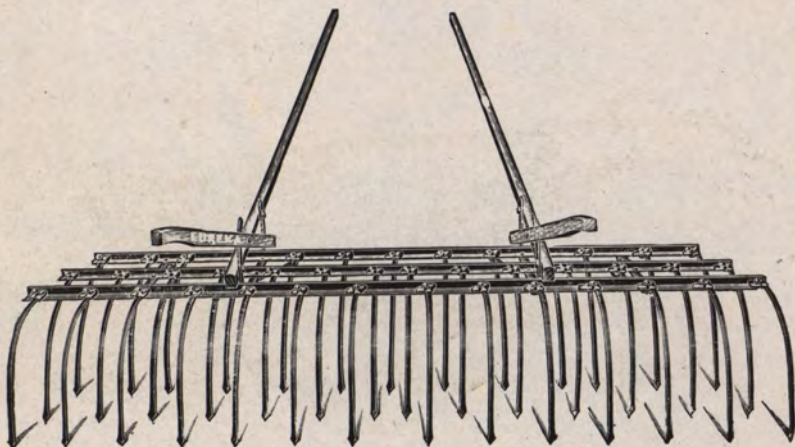
PLOW Is so shaped that a small quantity of moist earth is drawn over the seed before the fertilizer is dropped. The wings on back of plow brush aside the dry top dirt so only moist earth is placed over seed.

COVERER Collects the moist earth at a uniform depth for wheel to press down. This insures proper germination of the seed.

FERTILIZER Does not strike the seed, but is divided and placed each side. No danger of burning seed. The attachment has force feed and is accurate. From 50 to 600 pounds of fertilizer can be used. Ashes and hen manure can also be distributed. Changes easily and quickly made.

HAND CHECK When it is desirable to plant in squares or checks, an indicator assists the operator in determining when to use the Hand Check which opens and closes the seed valve.

Eureka Flat Tooth Three Bar Walking Weeder



SEVEN AND ONE-HALF FEET WIDE

THE EUREKA WALKING WEEDER is equipped with flat teeth, which are more effective than the round or partially round styles and make a thoroughly successful weeder. The Eureka flat teeth are especially adapted for forming dust mulch, as they cover more of the surface of the soil than teeth with round points.

The Frame or Head of weeder is angle steel, to which the teeth are attached by properly designed clips. Teeth can be removed from any part of the frame, as may be desired, to work only between rows.

The thills and handles are adjustable to various heights of horse or man.

The Eureka Weeder can be used advantageously during the entire growing season, on corn, potatoes, oats, wheat, rye, etc., and will prove a thoroughly profitable investment, by protecting the crop and increasing the yield.

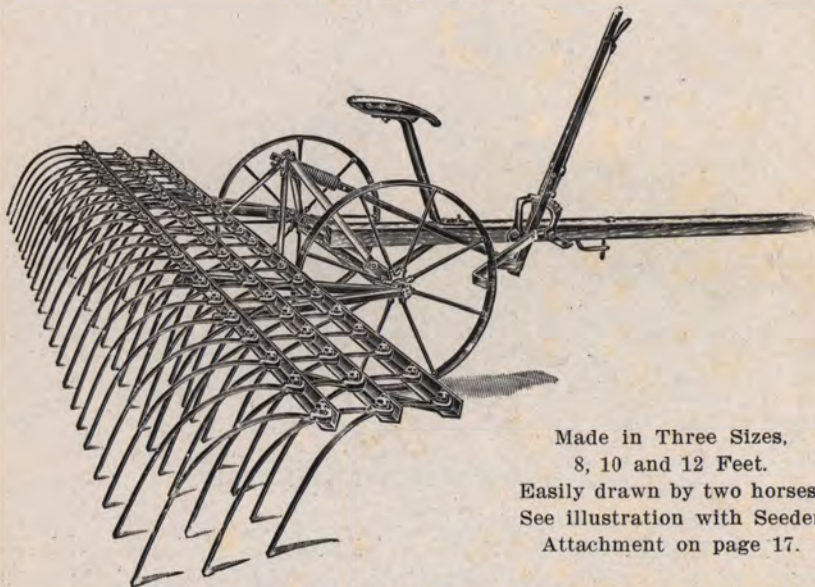
Weeds germinate near the top of soil and can be easily destroyed without injury to the crop if the weeder is used before the weeds become deeply rooted. The use of a weeder conserves moisture by keeping the crust of the soil broken up, and forming a dust blanket to prevent the ground baking and cracking.

As a surface Cultivator the Eureka excels other styles of tools, because the soil is worked on the row and between the plants, as well as between rows. It can also be run any direction across the field.

A prominent farmer says: "One day's use of the weeder at the right time will do more good than can be done by the cultivator in a week, if the early cultivation has been neglected."

Eureka Mulcher and Surface Cultivator

With Flat Teeth.



Made in Three Sizes,
8, 10 and 12 Feet.

Easily drawn by two horses.
See illustration with Seeder
Attachment on page 17.

DUST MULCH

The idea of dust mulch is not new, but has been used by a few with great success for a number of years. Farmers are now adopting it very generally, because the results have been very profitable.

During the growing season, and especially in dry periods, a crust forms on the top soil, hardens and cracks and allows the moisture around the roots of the plants to escape, causing a failure or decreased yield of the crop. It is, therefore, important to prevent this crust forming. It is accomplished to the best advantage by the use of the Eureka Mulcher, which forms a blanket of loose soil, prevents baking and hardening, and conserves the moisture.

Good results are being obtained by many farmers each year on oats, wheat, rye, corn, potatoes, etc.

SURFACE CULTIVATION and WEEDS

Frequent surface cultivation is so universally used that farmers fully realize the importance of avoiding any injury to plant roots by cultivating to the depth of only one or two inches. They use an implement of sufficient width to enable them to cover a large acreage quickly, and of such construction that the entire surface over the rows and between them, can be cultivated without injury to crop. The Eureka Surface Cultivator properly meets this need. It also kills and prevents the growth of weeds, as the weed seeds germinate near the top of the soil. The crop is more deeply rooted and is not injured.

SMOOTHING HARROW

The Eureka Cultivator is preferred by many farmers to the ordinary spike tooth harrow, as it cuts the ground more closely, is easier draft and teeth can be raised high to clear away trash. For leveling and pulverizing the ground, and preparing a good seed bed, the Eureka Flat Tooth Cultivator is unexcelled.

ORCHARD CULTIVATOR

The Eureka Mulcher and Surface Cultivator can be used under low trees and it effects considerable saving of time and labor. Authorities on orchard cultivation advise shallow and frequent cultivation to make a mulch of the surface soil.

TO UNLOAD HAY

By detaching the tooth frame, the sulky or truck is successfully used to operate hay forks. The rope is attached to hook at end of pole, obviating the hard labor of walking and carrying doubletrees by hand.

Eureka Mulcher and Surface Cultivator

WITH SEEDER ATTACHMENT

Made in Three Sizes, 8, 10 and 12 Feet
Can be supplied in smaller sizes, on special order



GRASS SEEDER

Sows Grass Seed, Alfalfa, Timothy
Clover, Alsike, Millet, Etc.

GRAIN SEEDER

Sows Oats, Wheat, Rye, Buckwheat,
Barley, Brome Grass, Etc.

Easily Drawn by Two Horses

THE SEEDING BOXES

Can be quickly attached or detached and are accurate. Adjustments can be made to sow a variety of quantities. The boxes are placed near the ground to escape wind, and the teeth cover the seed thoroughly, either shallow or deep. The Grass Box will sow 2 to 20 quarts of grass seed per acre, and the Grain Box from a few quarts to 16 pecks of various grains. The price is very moderate.

If used on old meadows, new seed can be applied at the same time the old grass is thoroughly cultivated, insuring a large increase in yield.

No other tool can be used so satisfactorily for re-seeding Alfalfa fields.

Grass seed can be sown with excellent results after oats or wheat are up two or three inches, and the cultivation of the grain at the same time increases the yield.

The distributing mechanism is made of steel and malleable iron; is accurate and thoroughly durable. It is positive in action, being driven by the ground wheel, and will not injure the seed.

The Grain Box can be removed and Grass Seed Box attached very easily. A great number of purchasers buy both boxes, as they find same entirely satisfactory, replacing much heavier and more expensive implements.

Sold without Seeder Boxes if so desired.

Eureka Mower Co.

Salisbury Mills, N. Y., Oct. 12, 1912.

Gentlemen:—I have used the Mulcher and Seeder bought of you, in 1904, for sowing oats, wheat and grass, also as a weeder in potatoes and tomatoes each year. The only wear I can detect is the ends of the teeth. I never had to replace a tooth. My fields are covered with small stone. It is the best investment I ever made. In sowing grass seed with oats or wheat when the grain is sowed with drill, I secure a better stand of grass by using your grass seeder behind the drill. The small teeth make a perfect seed bed for the grass seed.

Yours truly,

M. W. WRIGHT.

See description on pages 16 and 18.

Eureka Mulcher and Surface Cultivator

WITH FLAT TEETH

TEETH

The teeth used on the Eureka Flat Tooth Mulcher and Surface Cultivator are unquestionably the best style obtainable for the purpose. This statement is based upon our experience of seventeen years manufacturing round and partially round and flat teeth. Our world-wide reputation of to-day has been obtained largely because of the excellent results from the Eureka flat teeth during the past ten years. Eureka teeth are $\frac{1}{2}$ inch wide and $\frac{1}{4}$ inch thick. They are made of high carbon steel, oil tempered, the same as teeth for spring tooth harrows, and being the same thickness as harrow teeth, will stand considerable hard usage. Each tooth is tested and guaranteed, and is held by a successful tooth fastener of special design.

The Eureka flat teeth are especially adapted for forming dust mulch as they cover more of the surface of the soil than teeth with round points.

If desired to work only between rows, any number of the teeth can be quickly removed.

SPRING PRESSURE

The teeth are controlled by the lever so as to merely scratch the surface or can be forced into the ground any reasonable depth, where they are assisted in accomplishing proper results by the use of a successful pressure spring.

FOOT LIFT

A foot lift attachment is used in conjunction with the hand lever, by which the teeth and head are very easily raised at any time desired.

GENERAL CONSTRUCTION

The tooth head or frame is firmly braced and supported. It carries level and enables teeth to work at uniform depth. Teeth are placed back of the sulky attachment, causing no wheel marks to remain in the fields and preventing dust blowing in the face of the driver.

The entire machine is made of High Carbon steel and malleable iron; therefore, it is unusually long lived and obviates delays caused by replacing parts. Large quantities of the Eureka have been used for at least eight years without any breakage.

Eureka Mower Co.

Moline, Ill., June 6, 1911.

Gentlemen:—I have used the Eureka Flat Tooth Mulcher and Surface Cultivator and am more than pleased with the results. It produced a splendid mulch, removed weeds, and did not in any way harm the young growing corn. I consider the implement a valuable one and it will be adopted by the farmers as soon as they understand the value of your flat tooth.

I seeded two pieces of oats with your seeding attachment. I believe the covering to be even better than can be done with an ordinary harrow or drag. It is a most excellent machine for sowing grass seed, clover, etc.

The more I use the machine the more favorably I regard it.

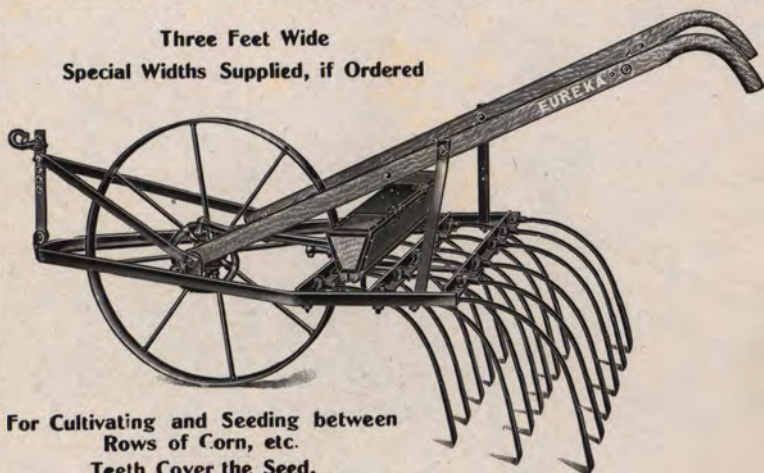
Yours very truly,

W. E. TAYLOR.

See description on pages 16 and 17.

Eureka One Horse Mulcher and Seeder

Three Feet Wide
Special Widths Supplied, if Ordered



For Cultivating and Seeding between
Rows of Corn, etc.
Teeth Cover the Seed.
Sold with or without Grass or Grain
Seeder

SEEDING BETWEEN ROWS

The Agricultural Stations of many States have demonstrated that the most valuable cover crop that can be sown in corn is Scarlet or Crimson Clover. This is usually sown at the last cultivation of the corn. The crude methods of the past, involving a great deal of labor and repeated trips across the fields, resulted in the construction of the Eureka 3 foot Seeder.

OPERATION

The Seeder Box is located in front of the teeth and the seed is **covered** shallow or deep, as desired. The seed is sown broadcast in uniform quantities; the mechanism being adjustable for various amounts up to 20 quarts of grass seed per acre. The small teeth form a dust mulch better than can be done with any other tool, conserving moisture and benefiting the growing corn, etc.

EQUIPMENT

The teeth and seeder mechanism are exactly the same as used for years on the two horse Eureka Mulchers and Seeders, more fully described on the preceding pages. There are no experimental parts. Either Grass or Grain Seeders can be supplied. If desired, the mulcher only will be sold, and the seeders can be secured and attached at any future time.

Eureka Mower Co.

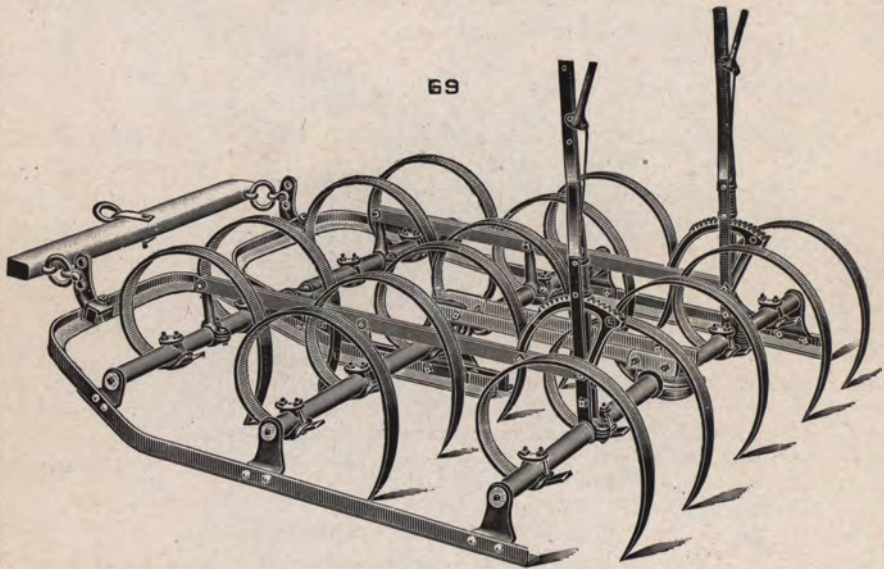
Princess Anne, Md., Oct. 11, 1913.

Gentlemen:—We completed seeding clover in our standing corn a few weeks ago with the Eureka One Horse Mulcher and Seeder. It accomplished what I desired, and my stand of Crimson Clover sown in over 60 acres of corn is the best and most uniform I have ever had.

Yours very truly,

CHAS. C. GELDER.

Standard Spring Tooth Lever Harrow



15 or 17 Teeth, Two Sections.

Made entirely of steel and malleable iron.

Heavy angle High Carbon Steel frame, runner style.

Runs smoothly, turns evenly, works perfectly.

No clogging; has the most clearance possible.

The construction at front prevents trash gathering.

Renewable steel shoes are bolted to underside of all frame angles.

Shoes can be replaced at small expense.

Tooth bars are $1\frac{1}{4}$ inch diameter High Carbon Steel pipe.

Steel rod runs whole length inside of pipe, connecting the pipe with the malleable frame brackets — much stronger construction than tooth bars that are fastened only at the extreme ends.

Levers made of two pieces, one on each side of the quadrant.

Unusually strong and prevent dog being forced out of ratchet.

Frame couplings are cone shaped; fit perfectly and give the Harrow the necessary flexibility. A great improvement over the usual couplings.

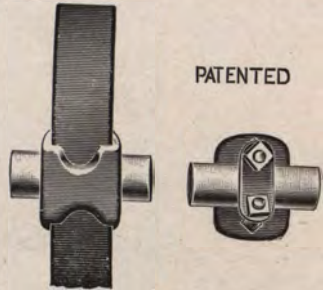
Ratchet or quadrant has wide range, permitting teeth to raise higher and also work deeper than usual.

Standard Harrows are manufactured from patterns purchased from The Standard Harrow Co. Thousands are in use, and this style continues to increase in popularity.

Standard Spring Tooth Lever Harrow

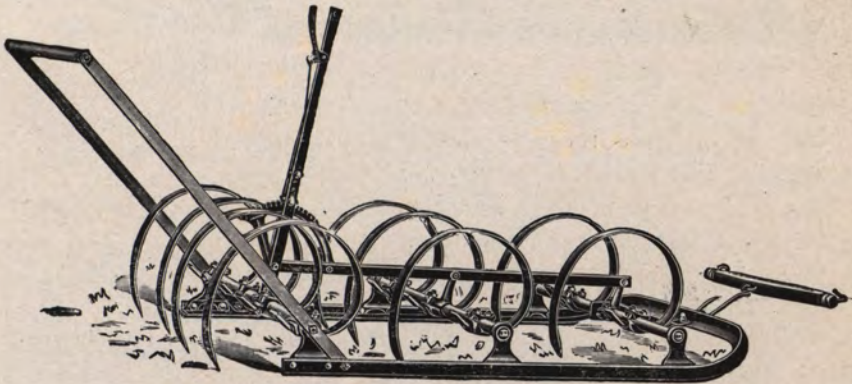
THE TOOTH CLIPS

Are malleable and patented, and are the most successful ones in use. The cut herewith shows the top and bottom of the clip. The bottom clip is formed so that it protects the tooth and tooth bolts from wear. When the bolts are drawn up the tooth is gripped by the bottom clip and forced against so much surface of the tooth pipe, that it is absolutely impossible for the tooth to slip or become loose. The clip is so designed that it will not slip on the tooth pipe. This clip gives any amount of adjustment desired, and makes a friend of every one using it. **No holes in teeth to weaken them.** It is of the greatest importance that every tooth should adjust individually. When teeth are strained the depth of cut is changed. When new teeth are used among those partially worn, the points must be adjusted evenly.



Standard Nine Tooth, One Section, Lever Harrow

Supplied With or Without Handles.



THE ONE HORSE

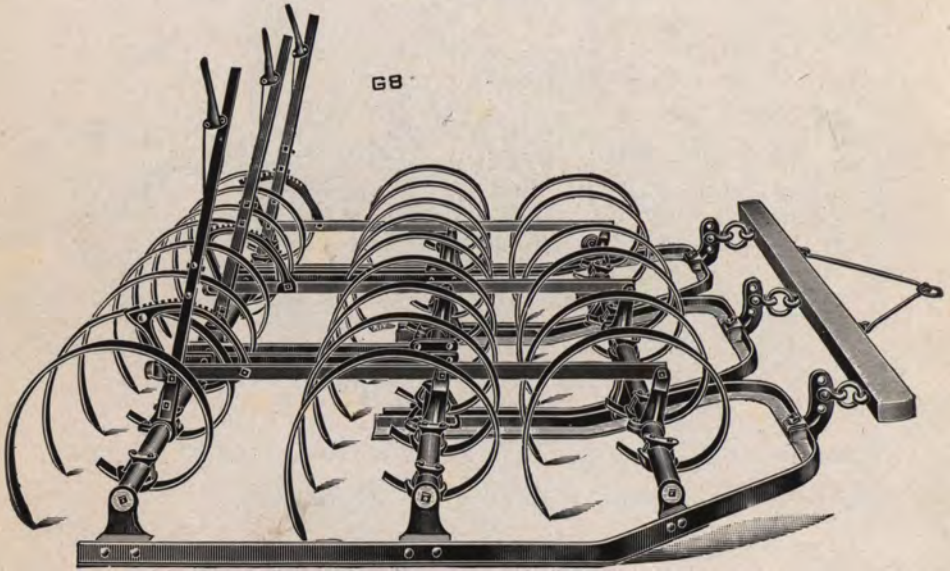
Is a very popular Harrow, and is used extensively for gardens, small farms and orchards. It is the same form of construction as our two horse shown on opposite page, having the same teeth and tooth bars. It is neat and strong in construction and is thoroughly guaranteed. Made entirely of steel and malleable iron.

By using firmly attached steel handles, the operator controls the Harrow the same as a cultivator.

The frame is made in one piece, of angle steel, the same size and grade as used on the two horse Harrows, and is sloped at the front to easily avoid obstructions. It also has steel renewable shoes.

Standard Spring Tooth Lever Harrow

Three Sections.



23 or 25 Teeth in Three Sections.

Can Remove Center Section and use as Regular
15 or 17 Tooth Harrow.

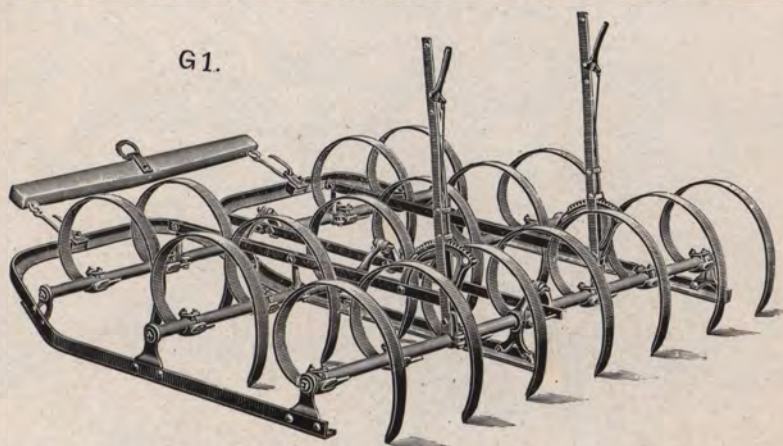
THREE SECTIONS

We use a centre section of eight teeth which can be placed in either a regular two section 15 or 17 tooth Harrow. It is therefore convertible into either a two or three section Harrow by using proper length eveners. The center section has runners to support itself. This avoids the usual objection to three section harrows constructed so that the outside sections must support the center section.

COUPLINGS
uneven surfaces.
trouble.

Couplings for frame are cone shape. They are a perfect fit and allow the harrow to conform to all uneven surfaces. There is no loose jointed construction to give

Badger Spring Tooth Lever Harrow



15 or 17 Teeth, Two Sections.

23 or 25 Teeth, Three Sections.

THE BADGER

Is a Runner Frame Harrow — the popular style frame — and holds a prominent position with the trade. It has stood the test of years. We keep it thoroughly improved and up-to-date. Formerly manufactured by The Standard Harrow Co.

THE CORRECT FORM

Of frame hinges or couplings on a runner frame Harrow are those which work freely and permit the Harrow to conform naturally to a variety of conditions. Experience has proven the Badger hinges just right.

ONLY THREE RUNNERS

Of angle steel are used on the Badger, which give the Harrow great clearance and avoid clogging. This construction also causes the Harrow to always run steadily and cut uniformly. All the runners have steel renewable shoes. The nose of the Harrow is sloped so as to easily avoid obstructions.

TOOTH BARS

Of $1\frac{1}{4}$ inch diameter High Carbon steel pipe make a very strong frame, with light weight. These bars are attached to the malleable frame brackets by steel rods running the whole length of pipe on the inside. The Badger also has our Patented Tooth Clips, illustrated on page 21, which give individual and unlimited adjustment to each tooth.

THREE SECTIONS

We use a center section of eight teeth, which can be placed in either a regular two section 15 or 17 tooth Harrow. It is therefore convertible into either a two or three section Harrow by using proper length eveners.

Eureka Combination Harrow

E.C.1.



16 or 18 Teeth.

Channel Steel Tooth Bars and Wood Cross Bars.

THE "EUREKA" COMBINATION HARROW Has been sold in very large quantities for a number of years and continues to be popular. Its construction is far superior to the usual wood frame harrow, and it has as long life as an all steel harrow. The price of the "Eureka" is extremely low, and places it within reach of all.

The "Eureka" is made with channel steel tooth bars and wood cross bars. All parts that are subject to any wear are steel or malleable iron.

The teeth are attached to under side of frame, and, therefore, avoid the special shape that is required for teeth that bolt on top of frame.

The tooth clips are malleable. The legs of the channel bars hold the clips in perfect alignment and prevent wear of the clips and heads of bolts. Neither the clips nor teeth come in contact with the wood cross bars.

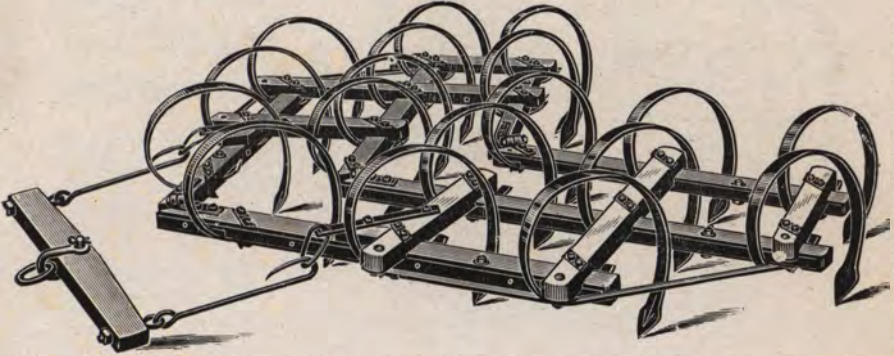
The "Eureka" is so constructed as to brace the frames and prevent bars catching on fences or obstructions.

The "Eureka" has the butterfly or A shaped frame and overcomes the objectionable features of other styles that leave the field in ridges.

The "Eureka" is a perfect smoothing harrow.

One side of Harrow will fold under the other, without uncoupling, for storing or transporting.

The Perry Wood Frame Harrow



16, 18, 20 and 22 Tooth.

Can be furnished without lining if desired.

THE PERRY Was the first spring tooth harrow made, and the demand continues to be large. Our harrow is made of the highest grade of materials throughout.

LINING Is of angle steel in one piece, which protects the front as well as the bottom of the bar. No chance for lining to spring apart at the edge allowing dirt to work in.

Bolt Heads are fully protected.

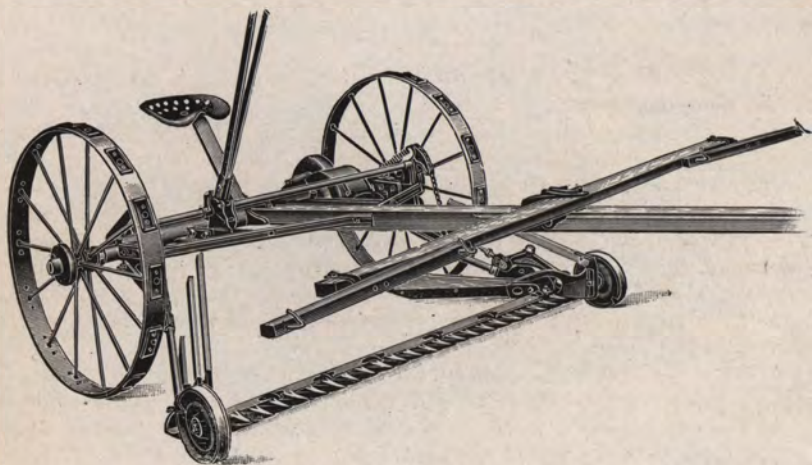
Fenders or stump guards on all sizes.

Flexible Hinge to connect sections.

Adjustable Hitch for evenness.

High Grade Teeth, guaranteed.

Eureka Center Draft Mower



5 and 6 ft. Cut — Two Horse.

If you have found the Center Draft principle to be successful on sulky plows, cultivators, rakes and many other implements, why not use the Mower having the same principle? Plowing back and forth on the same side of field is becoming very popular. Those who cut grass in a similar way increase their profits.

Long axle and large drive wheels make the Eureka the easiest Mower to ride. It will be conceded that a mower with long axle will run steadier and with less wear and strain. The large 40 inch drive wheels make it easy for team to draw mower over obstruction—stumps, stones, or through ditches where it would be difficult to draw a side draft machine with small drive wheels. The large drive wheels also give increased cutting power and raise the axle higher, allowing it to pass over objects 20 inches high which could not pass under the truck of side cut machines. The cutter-bar can be raised to the same height, and the same obstruction is not encountered again, as in the case of the side draft mowers.

Eureka Mower Co.

Blue Rock, Ohio, June 23, 1911.

Gentlemen:—I am a friend of the Eureka Mower. It is the best tedder I can get. Can put hay in barn sooner than any side cut can, even with tedder. The curing commences at once. I cut a field of Alfalfa this season that was blown down flat, all one way, by cutting back and forth across the way it was blown. The only way a side cut could have done it would have been to drive back without cutting.

Yours truly,

R. H. FINLEY.

Eureka Mower Co.

Jefferson, Pa., June 1, 1911.

Gentlemen:—Enclosed please find twenty-five cents for No. 67C. I have run this mower continuously since its purchase in 1885. Never cut less than 40 acres each season and often more.

Yours truly,

N. P. ROGERS.

Eureka Center Draft Mower

SOME OF ITS MANY ADVANTAGES OVER SIDE DRAFT MOWERS.

It has the direct draft, the correct principle when applied to Mowers as well as other implements.

It is mounted on larger wheels, which increases cutting power, and reduces draft to the minimum.

The cut crop is in best condition to *cure rapidly*, as it is left nearly in a *standing position*, as shown in photographic cut below. The sun and air dry it *one-third quicker*, saving time and labor. No tedder is needed, there is no tramping of the cut crop, and a better quality of hay is secured.

It mows *back and forth* on one side of the field so that the cut crop is by itself. Stop when you wish and begin to rake where you began to mow, securing uniformly cured hay.

It has a decided advantage over all mowers in cutting over rough and uneven surfaces, as the cutter-bar is flexible at both ends. It cuts equally well in either direction, keeping up its motion in cutting around trees or stumps.

It will cut heavy growths of timothy, alfalfa, etc., that side draft mowers cannot handle.

On the side hill, by mowing back and forth, the heavy draft of pulling the Mower up the hill is avoided.

The horses, being spread well apart, get all the air that is stirring, and are more comfortable on a hot day.

Both ends of the cutter-bar are supported, and there is absolutely no side draft or extraordinary strain on any part of the machine.

The cut hay retains more of its natural color when cured, and sells for a higher price.

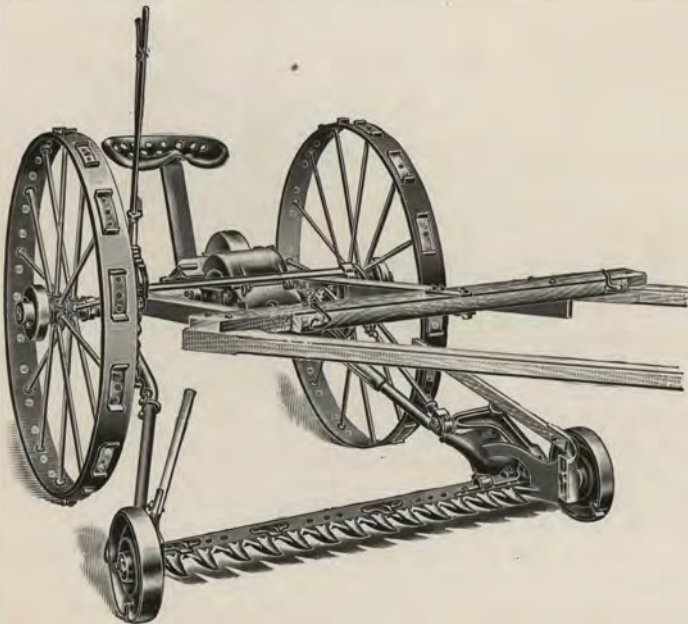
The Eureka can be driven in any direction most favorable for the best work—a great advantage where crop is lodged.

Many farmers have cut large acreage each season for 25 or more years with the same Eureka Mower. No other style has as long life.



One horse walks in the uncut grass outside the cut, and the grass trampled forward by him is evenly cut on the return swath, as it leans towards the knives. The large drive wheels always roll upon the stubble.

Eureka Center Draft Mower



3, 3½ and 4 Foot Cut — One Horse.

The Eureka One Horse Mower is especially adapted for parks, cemeteries and golf grounds, but will do the same work in the hay field as the larger sizes.

An ideal mower for working between rows, cutting grass or weeds in orchards, orange groves and vineyards, or brush and trash in forests and nurseries. It has great strength and will work under many conditions where no other mower can be used.

The Eureka will cut close to trees, stumps and obstructions, and will handle heavier growths than any other mower.

Farmers find it profitable to cut the weeds and brush in pastures, but are handicapped because of the hand labor involved. The Eureka Mower in one or two horse size can be fitted with an attachment for this purpose, with which the bar is raised from the ground and will cut in a horizontal position various heights up to twenty inches.

It is also used to cut various crops grown on narrow beds having trenches each side. For this condition, two horses are used.

Supplied with pole, instead of thills, if desired.

Eureka Mower Co.

Lewisburg, Pa., Dec. 2, 1911.

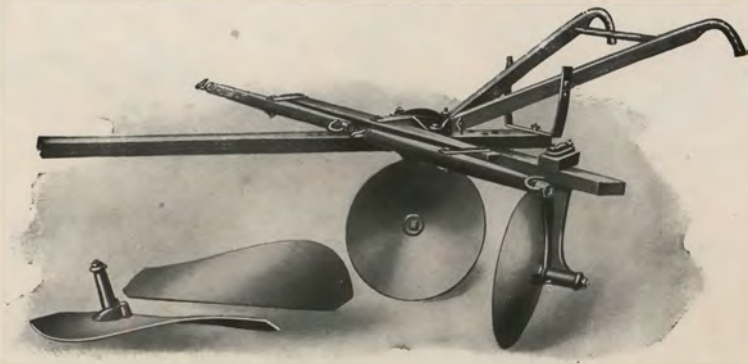
Gentlemen:—The One Horse Eureka Mower is the only one I can use to advantage in my chestnut grove, and the three I have purchased have done most excellent work. I purpose recommending your machine to the Forestry Commission.

Yours truly,

C. K. SOBER.

FURTHER DESCRIPTION ON PAGES 26 AND 27.

Eureka No. 1 Disc Hoe



Shipped with Discs Only, Unless Shovels are Specified.

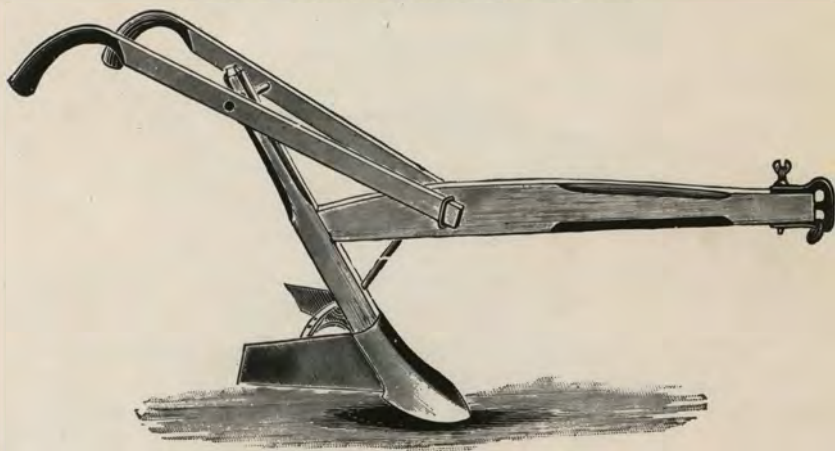
The Eureka Disc Hoe is an excellent tool for hilling and covering, and large quantities are in use. It is especially popular with Potato Growers.

The material throughout is high grade, and the tool is attractively and properly constructed.

Discs are 20 inch diameter and are adjustable to various angles and distances apart.

Handles adjust for height and also to either side to permit driver to walk at side or directly behind.

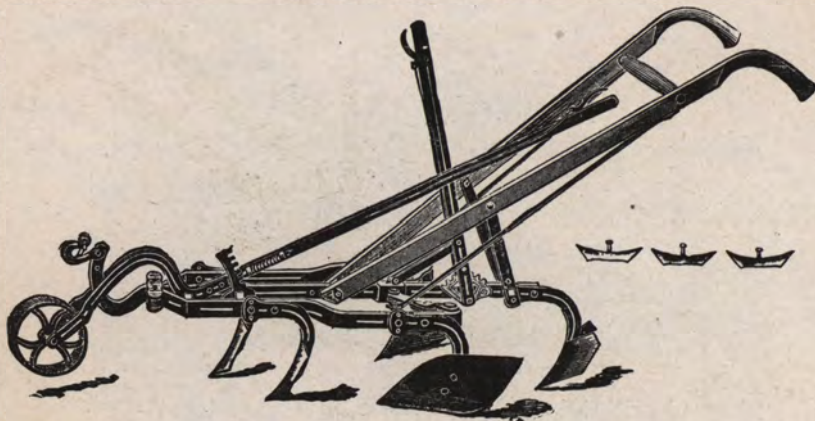
Wood Beam Shovel Plow



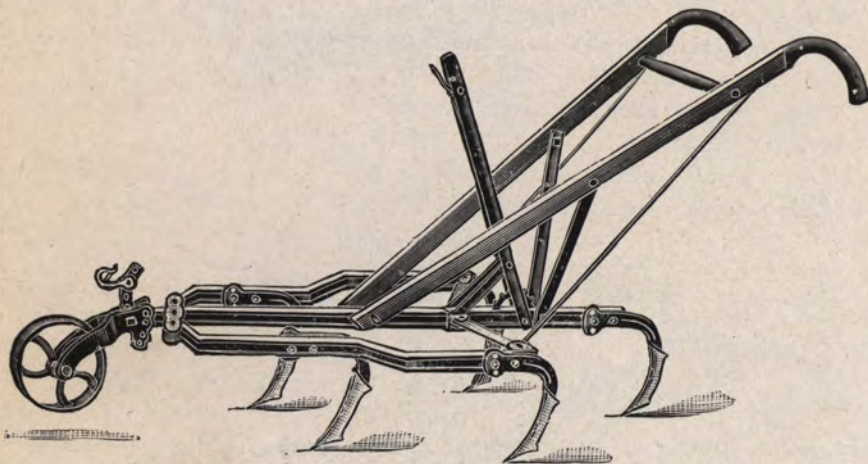
Wings adjustable to different widths, or can be removed.

A SPLendid POTATO HILLER.

Eureka One Horse Cultivators



No. 3 Double Lever, with Hilling Attachment.



No. 4 Single Lever, without Hilling Attachment.

DESCRIPTION.

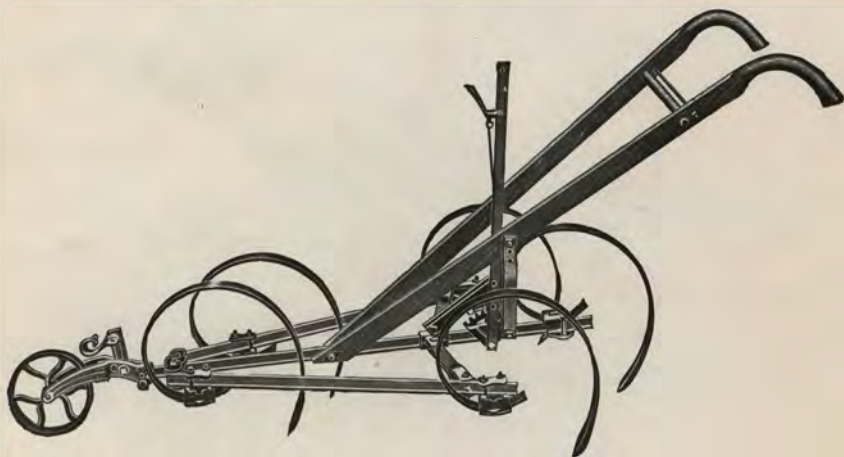
No. 1—5 Tooth Double Lever Cultivator, with Hillers, Depth Runners and Front Wheel (same as No. 3 except has Depth Runners).

No. 1½—5 Tooth Double Lever Cultivator, with Celery Wings and Front Wheel.

No. 3—5 Tooth Double Lever Cultivator, with Front Wheel and Hillers.

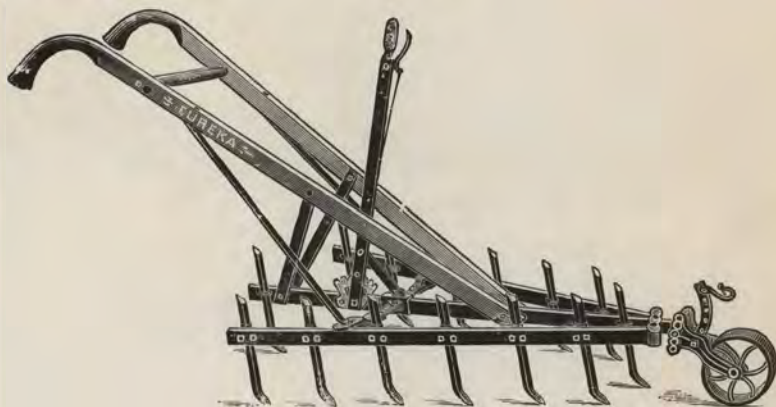
No. 4—5 Tooth Single Lever Cultivator, with Front Wheels, no Hillers.

Eureka One Horse Cultivators



No. 5 $\frac{1}{2}$ —5 Tooth Spring Tooth Lever Cultivator, with Wheel.
Teeth can be placed on any part of frame.

No. 9 $\frac{1}{2}$ —Same as above, except with 7 teeth.

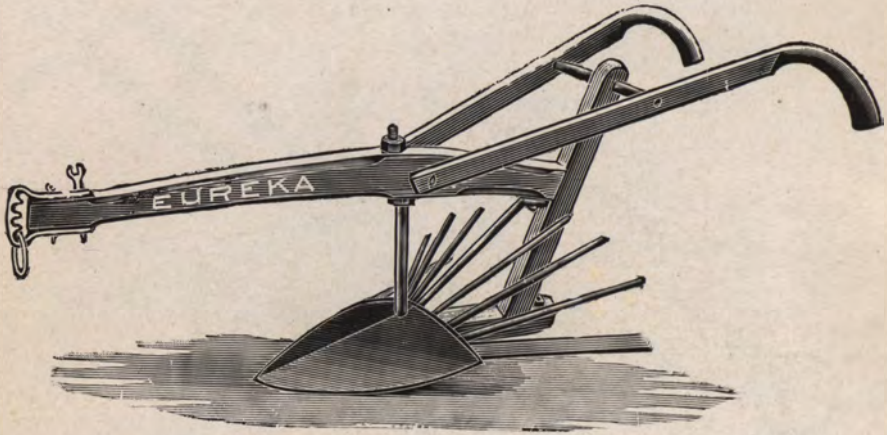


No. 14—14 Tooth Spike Tooth Lever Cultivator, with Wheel.

THE EUREKA CULTIVATORS

Are made of high carbon channel flat steel, which gives great strength and durability with light weight. The frames of all the stiff shank cultivators (Nos. 1 to 4) are the same, the only difference being in the attachments. The teeth on the spring tooth cultivators can be placed on any part of frame for any special purpose. No holes in teeth. They can be adjusted in length. All handles are securely braced.

Eureka Potato Digger



Contains many common sense, valuable features. Designed expressly for the farmer with a limited acreage of potatoes, who does not wish to invest in a large machine and cannot afford to dig his crop by hand. It is sold at a low price and will do good, practical work.

Hand Automatic Corn Planters

The Segment and Gordon are both dependable Planters and are used in large quantities.

The Segment has the well-known slide dropper and is a light, accurate and well constructed Planter. The hopper is galvanized iron.

The Gordon has rotary seed disc or plate, which can be quickly adjusted for the number of kernels desired.

It is used in one hand by plunging planter into ground and rocking forward to trip the seed plate.

Both planters drop corn, beans, etc.



Segment



Gordon

Eureka Bike Grindstone

All steel frame, **Double Pedal**, roller bearing, adjustable seat, easy running. Operator has three times the power over single pedal. One man can easily do the work of two.

No. 1 Stone, weight 60 to 80 lbs.

No. 2 Stone, weight 80 to 100 lbs.



Rigid and long-lived. Genuine Berea Stone. Best grit for grinding Scythes, Knives, Axes, etc.

Eureka Single Pedal Grindstone

Cross Bars Angle Steel. All Steel Frame.

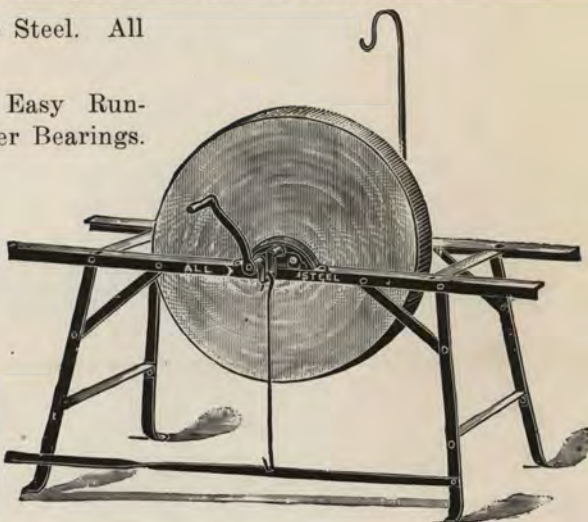
Rigid, Durable, Easy Running. Turns on Roller Bearings.

Berea Stone

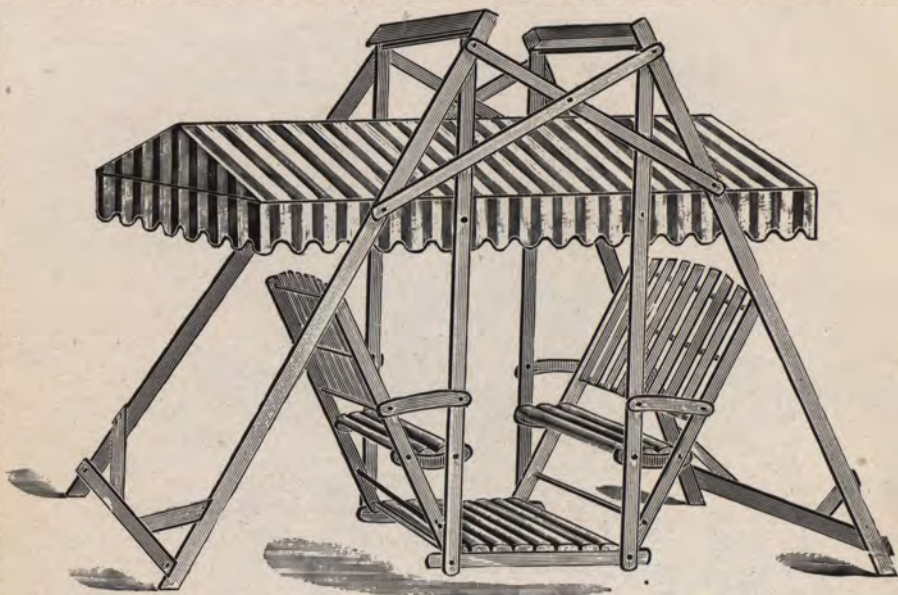
Best Grit for Scythes, Knives, Axes, Etc.

No. 1 Stone
Weight 60 to 80 lbs.

No. 2 Stone
Weight 80 to 100 lbs.



Eureka Lawn Swing



Two sizes: No. 2, Two Passenger; No. 4, Four Passenger.

Swings made of high grade hard wood, nicely manufactured and finished. Roomy and comfortable.

Awnings not furnished unless ordered.

Awning moves with the seats, and passengers never swing out of its shade.

Eureka Barrel and Can Truck

Handles Barrels, Kegs of Nails, Ash Cans and Bags. It is light in weight—14 lbs. Strong, great capacity, easy to handle. A barrel is picked up without raising it to get the truck under. The two sharp points engage the barrel and hold it firmly in place.

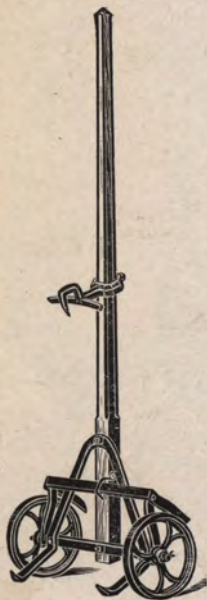
For bags or cans, the bail drops down and forms a guard for the wheels as well as a base for bags or cans to rest upon.

The hook on the handle slides up or down, accommodating itself to any height barrel or keg, and is provided with a circular holder to prevent the package from rolling off the truck.

They are sold at a low price.

The Eureka eliminates the dirt and annoyance of rolling ash barrels or cans to the street. One used in any city block brings other sales.

Merchants find them adapted to many uses in their stores.



Eureka Wagon Jack

Patented



Light in weight but strong in lifting capacity.
 Small in size but will easily raise a loaded wagon.
 Suitable for raising many machines or objects.
 It has double acting dogs, what one raises the other holds.
 It is positive and quick in its action.
 Raises any height desired to 27 inches.
 It is 16 inches in height when lowered.
 It is lowered by the same handle that raises.
 It is constructed of steel and malleable iron.
 There is not a bolt, spring or rivet used in its construction.
 There is nothing to wear out or get out of order.
 It is the most durable and efficient Jack made.



Eureka Auto Jack No. 1

This Jack is exactly the same as the Wagon Jack, excepting it is 12 inches high. For use under automobiles or other low objects. It is a very popular size.



Raises or Lowers by
Pumping Handle

Eureka Trolley Jack No. 2

Has great lifting power and is adjustable to many heights. Is made of high carbon steel and malleable iron. Has no equal in power for its weight. Has three steps, 2, 15 and 20 inches from base; either raises 7 inches. Capacity, 3 to 4 tons. Weight, 20 pounds.

Will-Kill-Flies

Formerly Named "Rough-on-Flies"

Kills flies, lice, etc.
Increases the yield of milk.
Insures more eggs and better poultry.
Kills lice on cattle and sheep ticks.
Aids in treatment of hoof rot.
Is an excellent disinfectant.
Is an effective antiseptic.
Used for cuts, burns or sores on man or beast.
Thoroughly high-grade.
Every gallon guaranteed.



The progressive owners of horses, cows, sheep, pigs, poultry, etc., use some preparation to repel flies, lice, insects, etc., to provide comfort for the animals and increase their usefulness.

Preparations which deaden or stun the insects have been used, but the demand for a more effective remedy has caused WILL-KILL-FLIES to be sold in immense quantities the past eight years.

WILL-KILL-FLIES is guaranteed to kill all insects having no lungs, but is harmless for man or beast, when applied externally. Practically all of the ingredients are imported, and WILL-KILL-FLIES is different from and more efficient than other preparations.

COWS, HORSES, ETC.—A small quantity sprayed in a fine mist night and morning will keep animals in excellent condition and increase the yield of milk. Will also destroy sheep tick and lice on horses, cows, etc.

POULTRY.—The use of WILL-KILL-FLIES results in more eggs and better poultry, and pays for itself many times over. A small quantity sprayed in the hen house will make contented and profitable fowls.

WILL-KILL-FLIES will relieve cuts, burns or sores on man or beast, and is an excellent disinfectant for the house, barn, etc.

Eureka Mower Co.

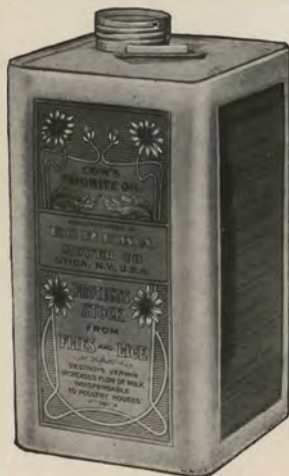
Fredonia, N. Y., Apr. 15, 1911.

Gentlemen:—I used the WILL-KILL-FLIES I bought of you last season with perfect success; found it would do all you claim. I had good success with it on cow flies, hen lice and hog lice; also being a perfect disinfectant as well.

Yours truly,

(Signed) S. W. REED.

Cow's Favorite Oil



For HORSES, CATTLE, POULTRY, Etc. Keeps flies off, improves the coat of the animal, reduces food necessary to keep them in good order, increases the cows' flow of milk, is beneficial and conducive to good health.

It has been demonstrated that by spraying Cows when flies are thick and troublesome, an increased flow of milk will be obtained, sufficient to repay handsomely for oil and labor, besides giving cows lots of comfort with their cud. The oil can be used with perfect safety for external applications.

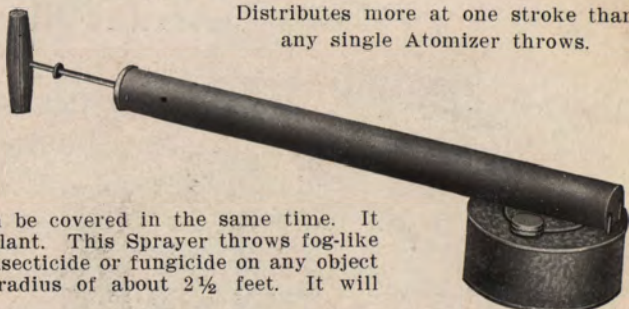
Cow's Favorite Oil will be found beneficial for foul in cattle's feet, galled shoulders, or for sore neck on horses.

Cow's Favorite Oil is a successful fly repeller, and a good disinfectant, but is not as effective as Will-Kill-Flies.

The Perfection Double Sprayer

(GALVANIZED)

Distributes more at one stroke than any single Atomizer throws.



More ground can be covered in the same time. It will cover a bigger plant. This Sprayer throws fog-like spray of any liquid insecticide or fungicide on any object desired, covering a radius of about $2\frac{1}{2}$ feet. It will exterminate insects.

It does not slobber or drip. All solution is produced as the finest possible spray. The reservoir measures $5\frac{1}{4}$ inches in diameter and $2\frac{1}{4}$ inches high, giving large capacity. It is made of galvanized iron and is a very popular style.

No. 1 Tin Sprayer

The No. 1 has an Air Chamber in the end of the pump tube that prevents any moisture being drawn back on the valves. The pump tube is eighteen inches long and the slanting form of the chamber allows it to be used easily in various positions. Has double tube and will cover large area quickly. Only high grade material used in construction.

DURABLE and
SATISFACTORY.

A general utility sprayer, adapted to all liquid Disinfecting and Poison Preparations for Orchard, Field and Garden, as well as for use on Cattle, Horses, Sheep, Swine and Poultry.

Glass Tank Sprayer

With Double Tubes

A perfectly DRY PUMP—when plunger is drawn back no solution is sucked back into the pump cylinder; this leaves VALVES always DRY and PLIABLE and ready for use. Will spray up as well as down.

The tank is a one quart Mason Glass Fruit Jar, enabling the user to always see the contents. It will not corrode or rust and new ones are obtainable anywhere.

Attractively finished in Red Enamel.



U. T. K. Continuous Sprayer



The "U. T. K." Compressed Air Sprayer throws a continuous fine mist or coarse spray which is not affected by the movements of the plunger. The size of spray is accomplished by turning the little brass nozzle backward or forward. The sprayer is adapted for all kinds of spraying purposes. The "U. T. K." takes the place of every kind of atomizer or sprayer, doing the work more than five times as fast and with less than half the labor.

Paris Green and Powder Duster



It will handle all insecticides in their dry state—Pure Paris Green, Hellebore, Persian Insect Powder, etc. It is very effective in the destruction of Potato Bugs, Currant Worms and all like pests. For the wholesale destruction of house flies, using freshly ground Persian Insect Powder, it cannot be excelled.

The Powder Duster is well made, with a solid hardwood head block, hardwood handles and best leather for the bellows.

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