

McWHORTER

Special

FARM and GARDEN

Implements

Illustrated by

DARLING & BEHAN

PETOSKEY, MICH.

GREETING

We take pleasure in greeting our patrons at the beginning of another year. We have a great deal of evidence that we have pleased them during the past, and are glad to say we have more of them and that they are to be found in more sections of the country than ever before. It is gratifying to be able to state that the so-called panic has had no unfavorable effect on our business, which we understand to mean that the farmers of our land have been prosperous, notwithstanding the general depression of the past year.

Perhaps it means also that we have served you well, and if so we are sure that in some respects we will serve you better the coming season. Keeping our promise of last year we have not been inactive, but have made some very useful and attractive improvements in some of our implements that we are sure will commend themselves very highly to our customers everywhere.

We hope for, and indeed expect, a prosperous year for American farmers and, in fact, for the whole country, and believe we will get our share of the good things to come.

Our patrons can help us very much to secure this by telling others what they know about our line of Special Farm Implements.

We renew our thanks to all for their liberal patronage, and wish for them every success.

McWHORTER MFG. CO.

RIVERTON, N. J.

McWhorter Hand Bean Planter.



Price \$12.50. Packed weight 53 lbs.

WON THE HIGHEST PRAISE.—This little machine has won for itself the very highest praise. Things have often been said about it by farmers that would appear extravagant to those unacquainted with its work. But it is just the kind of an implement that strikes one as being marvelous. When a farmer uses this machine after any other method of planting beans he realizes he has a new order of things.

As seen by the cut, it is a light implement, easily run by hand, and with it one man can plant four or five acres a day. It does the work in the most exact manner. It plants with great regularity two beans in a hill any required distance apart, and is readily adjusted to suit beans of different sizes.

A very important feature is the almost perfect regularity of depth obtained by this Planter. This is a vital point in planting snap beans in the early spring. A variation of a fourth of an inch will often ruin the start of the crop. They must be near the surface to get warmth enough to come up. To achieve success the depth must be uniform. This machine will plant them just that way, with scarcely a shade of difference.

FEED REGULATION COMPLETE.—The feed regulation is so

Showing Work of McWhorter Bean Planter.



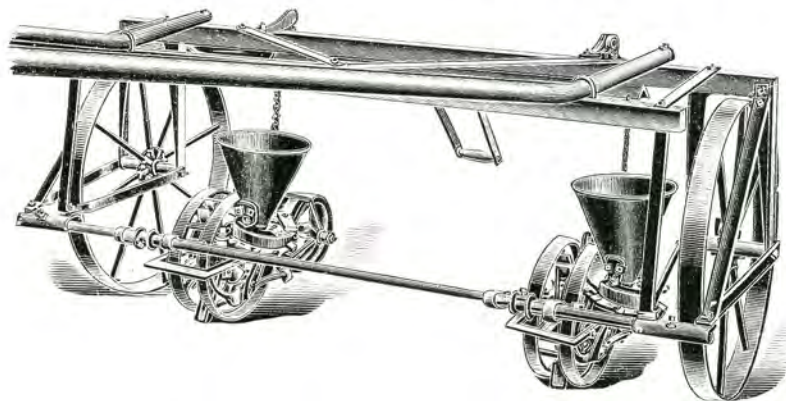
Note the Even Distance Apart of the Hills.

complete that each hill gets two beans with great regularity when set for that number, but will plant heavier if desired.

There is great saving of seed in using this Planter—enough to pay for it in a short time. The regularity gives a better yield and the appearance of the growing crop is beautiful.

The Planter is finely adapted to planting corn in nicely prepared land, especially in market gardens where it is grown for the table. The hills being exactly the same distance apart, the appearance is fine and the results the best.

McWhorter Horse Bean Planter.



Price \$35.00. Packed weight 245 lbs.

During the past few years we have sold this machine in gang form

like the spinach seeder, made to plant two rows, and pulled by one horse. The result has been highly satisfactory in every respect. The Planters are made heavier and stronger than the hand machines, in every way adapted to horse work, and adjustable to different width rows. We need only mention the facts of the saving of labor and the rapidity of the work by this method. It does the same fine, accurate work of the hand machine.

McWhorter Hand Peanut Planter.

Price \$12.50. Packed weight 55 lbs.

PERFECTION OF WORK IN EVERY RESPECT.—This machine is identical in principle with the McWhorter Bean Planter, the only difference being that the feed or separating parts are made more roomy to suit the size of the nuts. Everything that we have said or can be said as to the superiority of this method of planting beans applies with equal force in regard to planting peanuts—the perfection of the work in every respect, the regularity of separation, the distance between the hills, and the absolute uniformity of depth.

PLANTS AT A UNIFORM DEPTH.—In planting seed of any kind there can be nothing more important than the depth it is placed in the ground. The experience of all observing farmers has taught them in reference to the various kinds of seeds just about where that point is. Given the depth a farmer wants to plant seed, the question is to find a method to do it rapidly, cheaply and reliably.

We offer the McWhorter Peanut Planter as a means of accomplishing this end, and of doing the entire job in the neatest and completest manner. It is entirely and easily manageable as a single hand or man power machine.

McWHORTER HORSE PEANUT PLANTER.

Price \$35.00. Packed weight 249 lbs.

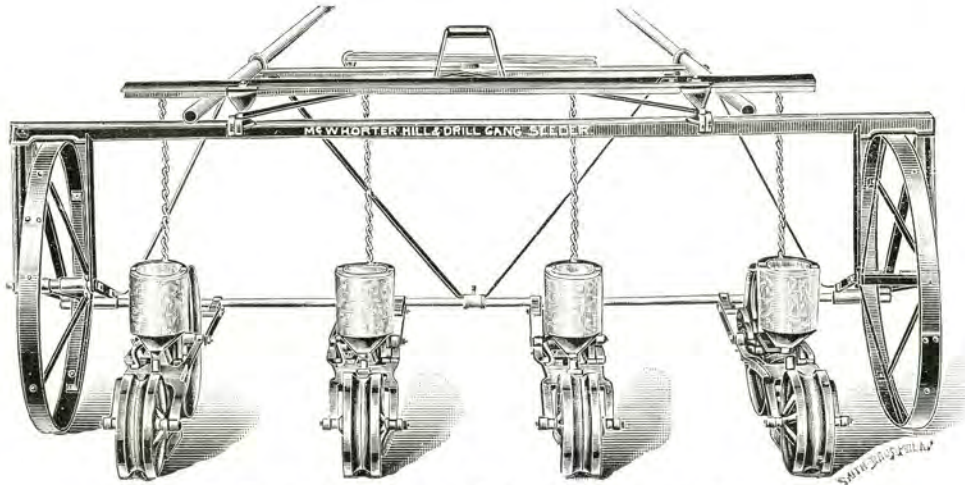
We will have this Planter also ready in gang form for the next peanut season, one man and horse planting two rows at once.

These implements can be used effectively in every respect as a combined Bean and Peanut Planter.

Note.—We have not shown cuts of these implements, they being practically the same as our Bean Planters, the parts are merely larger to handle the peanuts properly.

McWhorter Gang Seed Drills.

For Horse Power.



Four Row Gang. Packed weight 340 lbs.
Prices on Application.

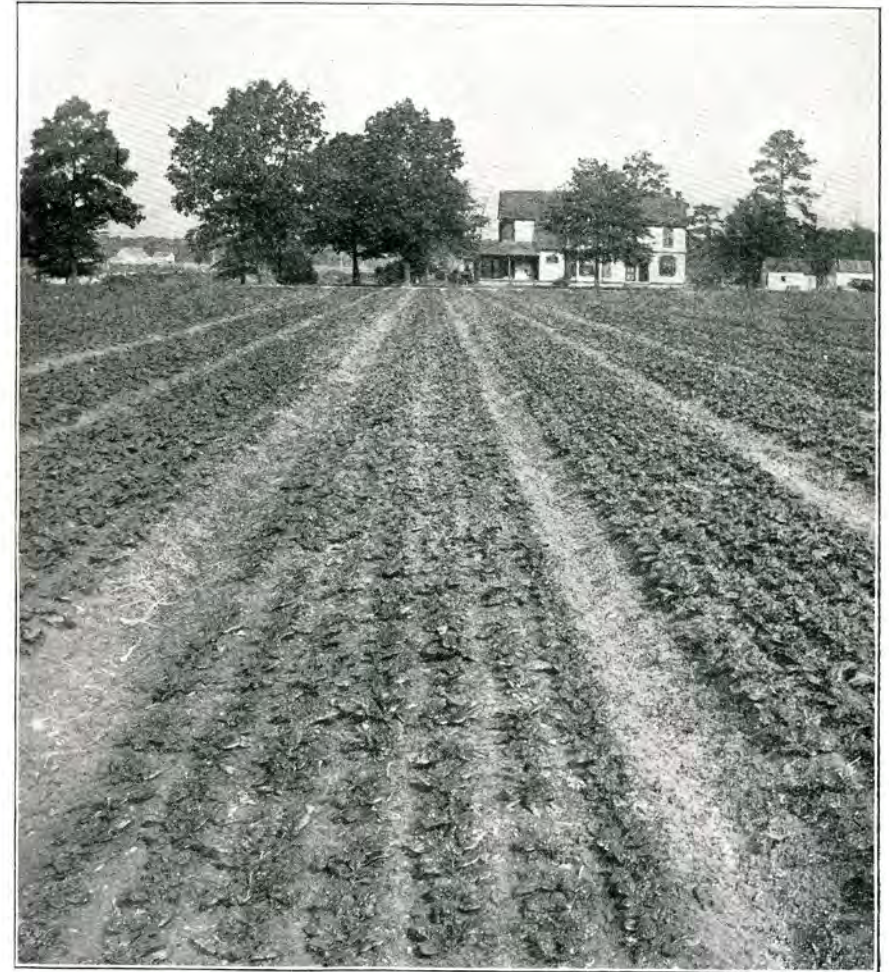
USED WITH THE FINEST SUCCESS.—We have here represented the McWhorter Gang Seed Drill. They have been used with the finest success in gangs of from four to eleven drills. At Norfolk, Va., many hundreds of acres of spinach and kale have been planted with these Drills during the past several seasons, to the great satisfaction of the planters. They have done the work perfectly in every respect. Their absolute freedom from choking is an essential thing when rigged together in gangs. Stopping to unchoke a drill every few minutes would be an unbearable nuisance. No drill that is not absolutely clog-proof can be used successfully this way. Each drill is free to play up and down to suit the inequalities of the ground, and the drills can be readily changed to any width of rows desired.

REVOLUTIONIZED THE PLANTING OF SPINACH.—This Gang Drill has revolutionized the planting of spinach in the great spinach section of Norfolk—one man doing the work of eight in many cases, and doing it in a far superior manner, the rows being straight

and perfectly regular as to width, and the appearance of the work being highly attractive.

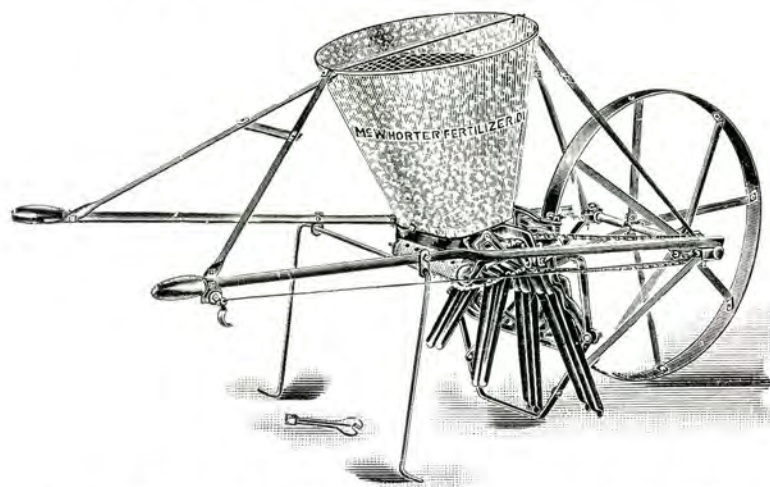
We make them for one horse, where the horse walks between the rows on level ground, and for two horses, where a number of rows are planted close together on a bed, such as spinach, kale, etc., the horses walking between the beds.

See cut of field of spinach, showing the style of work done by a seven-row Gang Drill.



Field of Spinach, showing work of 7-row Gang Drill. Rows 8 in. apart.

No. 21 McWhorter Improved Hand Fertilizer Distributer.



Set for Side or Top Dressing Four Rows at One Time.

Price
\$10.

Packed and Net Weight
65 lbs.

UNIVERSAL USE IN A GREAT TRUCKING SECTION.—We heartily recommend this machine to every user of commercial fertilizers. It has been in constant and universal use for a number of years in the great trucking section about Norfolk, Va., where we first introduced it. This territory is scarcely equaled in the amount of fertilizer used by any place of the same size in the country. It may also be said that a great deal of the work done shows a neatness that challenges comparison with any trucking section in the land. The varied crops, the close, compact work, and the necessity for frequent and unusual ways of applying fertilizer demand something more than an ordinary distributor.

Our Distributer has kept pace with every new demand, whether it is for furrow work, to broadcast evenly over the growing crop, to divide into two, three or four streams to dress that number of rows at once, or to distribute between several rows.

This Distributer has so perfectly met the wants, and so pleased the

people of that section, that its use is universal. We have the same flattering reports from other sections where we have lately introduced it.

THE POPULAR AND THOROUGHLY EFFECTIVE BELT FEED of this Distributer was greatly improved and strengthened in 1905, and is the same in all respects as used in our horse Distributers. This improvement consists of metal connections on the sides of the belt and more than doubles the strength and wearing capacity of the same. These metal connections and the entire belt have been greatly improved for durability in 1907.

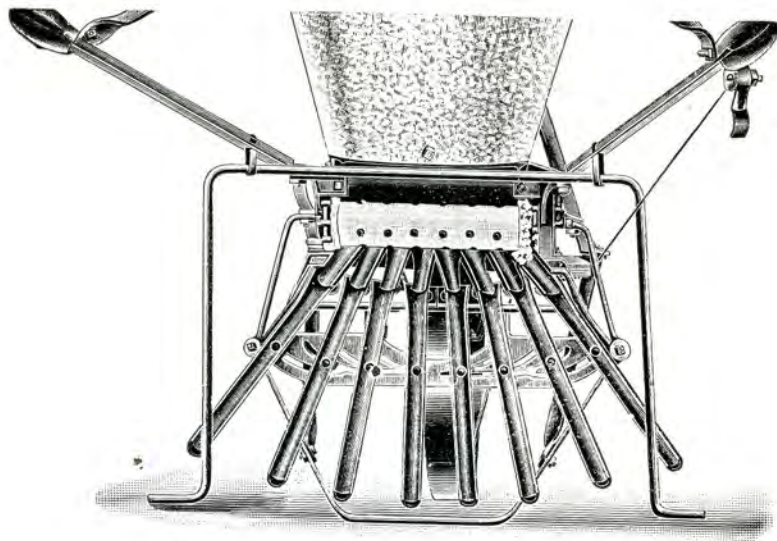
(This belt can be put in our old style Hand Distributer, price \$1.50, same as old belt, by procuring with it six small parts, price of six \$1.00, which have to be substituted for corresponding ones in the old machine. When ordering above state that you wish a No. 21 Hand Fertilizer Distributer belt and parts for our old style Hand Distributer. It will pay you to get it if your old belt is worn out.)



Showing Hand Fertilizer Distributer Broadcasting.

TRUE PRINCIPLE FOR HANDLING FERTILIZER.—It has the true principle for handling and distributing commercial fertilizer. The feed belt, which constitutes the bottom of the hopper, steadily carries out the loose fertilizer as it keeps tumbling down upon it. There is no manipulating of the fertilizer and consequent collecting of

it anywhere to interfere with the regularity of feed in case of some dampness. It is a force feed, pure and simple, effective and reliable. Being brought out of the hopper eight inches wide, the spread is detracted or extended by means of spouts (which may be readily seen by looking at the cuts), from 4 inches to 2½ feet. This point rounds out the machine and makes it the ideal Distributer in fact as well as in name. This is one of the great features of our Distributer, and we want to impress it on every farmer. The man of thought no longer wants to confine the concentrated fertilizer of the present day to a few inches wide in the furrow. We strongly advise the thorough spreading of fertilizer for any crop. We have not left this important question to be decided by theory alone, but have made it the subject of careful tests. A spread of twenty inches on rows for different vegetables has given the finest results, both as to earliness and yield. The young roots are often injured and the plants retarded in growth when the fertilizer is put in a narrow stream along the furrow.



Set as a Broadcaster 30 inches wide.

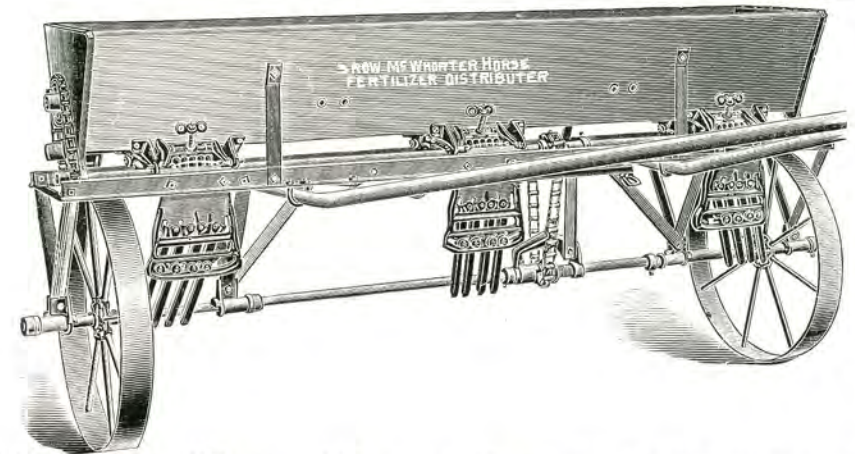
FERTILIZING STRAWBERRIES AND GENERAL BROADCASTING PURPOSES.—For this work it is the ideal thing, but would have to be seen to be fully appreciated, as it makes a beautiful spread of the fertilizer over any row or bed up to thirty inches wide. It has a capacity of from three or four pounds up to forty or more pounds to the hundred yards of row, or a ton or more to the acre.

The Distributer is light, yet rigid and strong, and easy to use by man or boy.

No. 13 A and No. 13 B (3 row)

McWhorter Horse Fertilizer Distributers.

Worked with One Man and One Horse. Sows the Fertilizer in Three Rows at Once. Will also Side and Top Dress that Number of Rows of Growing Plants.



Adjustable for different width rows. Changes made almost instantly.

These Distributers were built for those who wish to do furrow or row work exclusively. They will not broadcast over the entire surface of the ground.

Surely, to do three rows at once with one horse and one man is saving labor. And to do it in the admirable manner in which these machines perform it is also a saving.

We can not recommend them too highly for the work for which they are constructed. Each furrow has an adjustable set of spouts over it (as shown in the cut), thus enabling the operator to sow the fertilizer any required width, allowing it to be well spread across the furrow, which we so earnestly advise, and is fast becoming known to be the most improved method.

Both machines have adjustable wheels that run in the center of the furrow so they will not destroy it, and are fitted with shafts for one horse, so arranged that he also walks in the center of a furrow.

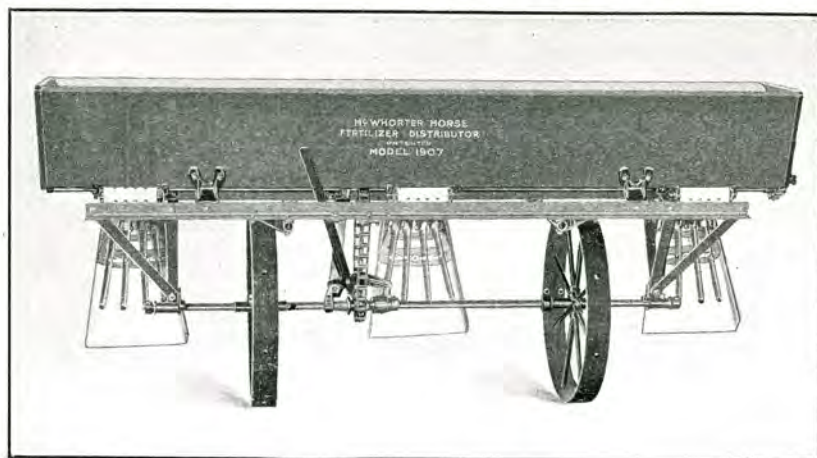
No. 13 A will put the fertilizer in the bottom of three furrows or side and top dress that number of growing crops at once, in rows from 1 foot 6 inches to 3 feet apart.

Price \$37. Shipping and net weight 294 lbs. Hopper capacity 265 lbs.

No. 13 B will do the same style work in rows from 1 foot 9 inches to 3 feet 3 inches apart.

Price \$37. Shipping and net weight 300 lbs. Hopper capacity 290 lbs.

No. 13 (3 row) McWHORTER HORSE FERTILIZER DISTRIBUTER.



Price \$37. Shipping and net weight 315 lbs. Hopper capacity 315 lbs. fertilizer.

The cut illustrates a new style of three-row Distributer that we have lately introduced. So far as we have had it in use it has given great satisfaction. It will be noticed that the wheels are placed between the feed belts, and run between the furrows; the horse walking in the middle furrow as in the Nos. 13 A and 13 B.

One advantage this style has is that the feed belts are directly over the rows, so that the fertilizer can be spread exactly the same on all three furrows. Another is that as the spouts can be turned either to the right or left, the Distributer will work well in rows varying from two and one-half feet or less up to three and one-half or more.

As this machine is necessarily a little higher we use wind shields. We think it will prove a very popular style.

No. 14 and No. 16 McWhorter Improved Horse Fertilizer Distributers.

**For Two and Three Row Furrow Work, Side and Top
Dressing Growing Crops and Broadcasting.**

All Changes Made Almost Instantly.
No Loss of Time.

These Distributers have been on the market for the last six years, giving the best satisfaction in every detail.

Their simplicity, ease of operation and rapidity have proved a great revolution among the many farmers who have used them, and they are unstinted in their praise.

In building these machines we have carefully preserved every tried and approved feature of our well-known Hand Fertilizer Distributer. We refer especially to our unequalled belt feed, strengthened to meet the demands of horse machines. This feed is, without doubt, superior in all respects, and is so pronounced by farmers everywhere.

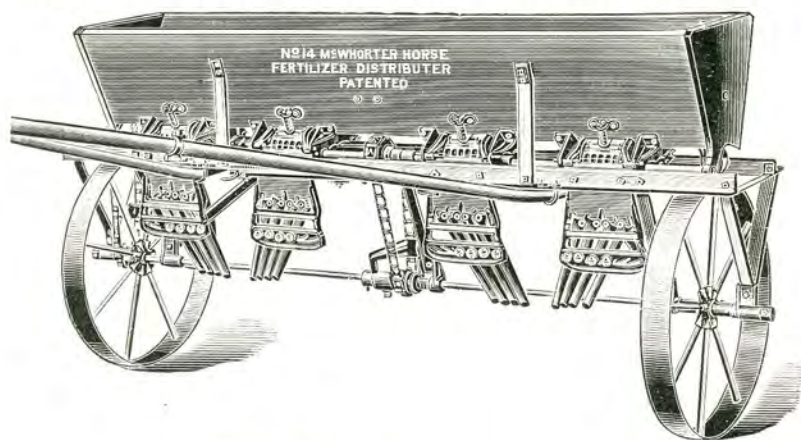
The fertilizer is brought out of the hopper in wide streams, and by moving spouts can be further spread to any extent desired.

We urgently advise spreading fertilizer well for furrow work, especially when using heavy. We find farmers are learning the advantage and necessity of this very rapidly. Also top or side dressing has become very popular with many growers, and has proved very effective under certain conditions. It is often best not to put all the fertilizer down at the time of planting, but to reserve a portion to be applied on the surface and cultivated in after the plants have started to grow. With potatoes especially, very often much more benefit will be derived from the same amount of fertilizer; but the second application should be made as soon as the plants appear above ground. **Our Distributers put this matter readily and thoroughly under the control of the operator.**

These machines are so well balanced that when the hoppers are full there is no more weight on the horse's back than when empty. They are thoroughly and strongly made and complete in all respects, and will be found a revelation in the application of fertilizers under many conditions.

We earnestly ask your careful attention to the following brief description of our **No. 14 Improved Distributer** and the scope of its work, and feel sure you will find in it a long-felt want:

No. 14 McWhorter Improved Horse Fertilizer Distributer.



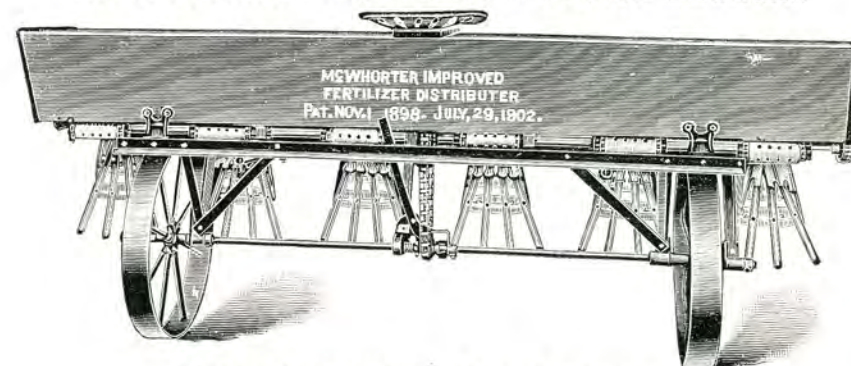
Set for fertilizing two rows 3 feet apart.

Price	Shipping and Net Weight	Hopper Capacity
\$35	327 lbs.	250 lbs. Fertilizer.

The Distributer is worked with one horse and will distribute fertilizer in three furrows if 2 feet 9 inches or less apart; over that width and up to 5 feet it will distribute in two furrows. It will side-dress two rows of any growing crop on each side of both rows. It will also side-dress one side of two or three rows; that is to say, either the north or the south side, as may be desired. It will distribute fertilizer over two beds of strawberries of ordinary width, spread nicely to suit the case. With strawberries grown in stools, as in the south, rows 3 to 4 feet apart, it will do fine work fertilizing each side of two rows at once. It can be instantly changed to a complete broadcaster, taking a scope of 6 feet. In a word, a farmer can go into the field with this Distributer and do almost anything with fertilizer it is reasonable to expect.

It seems to us that the man who makes anything like an extensive use of fertilizer, and studies at all the question of economy, can not hesitate long as to whether he ought to use this machine. Its cost will soon be returned in the saving of labor, and the work is first-class in every respect, as has been fully demonstrated in all the experience we have had with it. Remember that it fertilizes two and often three rows at once, side-dresses growing crops and broadcasts perfectly.

No. 16 McWhorter Improved Horse Fertilizer Distributer.



Set for Broadcasting 8 feet 6 inches wide.

Price	Shipping and Net Weight	Hopper Capacity
\$48.	420 lbs.	400 lbs. Fertilizer.

The **No. 16** will broadcast the fertilizer 8 feet 6 inches wide, and be found a most convenient machine for doing furrow work, side and top dressing on rows up to 8 feet apart. In fact, it will put the fertilizer in any number of furrows or on rows that come under the width of the machine.

It has a seat for carrying the driver and is fitted with a tongue and yoke for two horses only, our past experience proving it to be a two-horse machine.

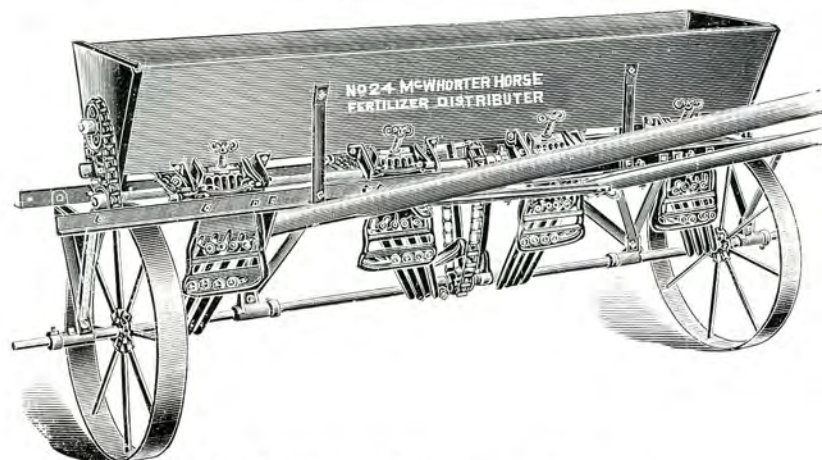
SPECIAL SIZES TO ORDER.

The principles in our Distributers are such that we can make nearly any shape or size. If those shown in this catalog do not seem to cover your requirements, write us, and we feel confident of being able to furnish a machine that will fill every want.

No. 24 McWhorter Horse Fertilizer Distributer.

For Two and Three Row Furrow Work, Side and Top Dressing Growing Crops and Broadcasting.

Adjustable Wheels.



Set for fertilizing three rows 3 feet apart.

Price	Shipping and Net Weight	Hopper Capacity
\$40	334 lbs.	275 lbs. Fertilizer.

The No. 24 Horse Distributer has become a very popular style. It is larger than the No. 14, doing three rows at once up to three feet apart and two rows from that to 6 feet apart. It will also broadcast 6 feet 6 inches wide and do all the work described for the No. 14, taking in rows that are wider apart, however.

A feature we would particularly call your attention to is the movable wheels, allowing any work the machine can do to be accomplished without destroying the furrow in any way. They are adjustable so that they either run in the center of the furrow or far enough out not to damage it.

This machine is fitted with shafts for one horse.

Note.—Our No. 13, No. 13 A, No. 13 B, No. 14, No. 16 and No. 24 Horse Distributers are built to sow from 200 pounds to over a ton to the acre, of Prepared Lime, Wood Ashes or any Commercial Fertilizer, but the amounts wished to be sown varying in so many different localities, if the above does not seem to come within your limit, and you will advise us about the quantity and kind of material you wish to spread, we can supply different size sprockets so they will either sow more or less, whichever is desired.

No. 12 McWhorter Horse Fertilizer Distributer.

For Furrow Work, Top and Side Dressing Growing Crops.



Price	Shipping and Net Weight	Hopper Capacity
\$17.	136 lbs.	200 lbs. Fertilizer.

This Distributer was made for those who desired to do the same work our Hand Fertilizer Distributer performs, spreading the fertilizer from 4 to 30 inches wide, etc. (for description of Hand Distributer see page 6), and also use a horse and carry more fertilizer. It accomplishes both these requirements, keeping along with them all the exclusive and highly commended features of the hand machine.

It will be noted this implement is furnished with shafts, a new feature in Distributers of this kind. These keep the machine very steady while running, and do away with the necessity of having handles by which to guide it, leaving the hands of the operator perfectly free for driving, thus enabling a boy to handle it with ease. This improvement alone should recommend it very highly.

No. 11 McWhorter Horse Fertilizer Distributer. For Furrow Work.

Price	Shipping and Net Weight	Hopper Capacity
\$15.	124 lbs.	200 lbs. Fertilizer.

As will be noted, this Distributer is lower in price than our No. 12. The general construction is like it, however, having shafts and the same size hopper, etc., but it has only one feed belt and set of spouts.

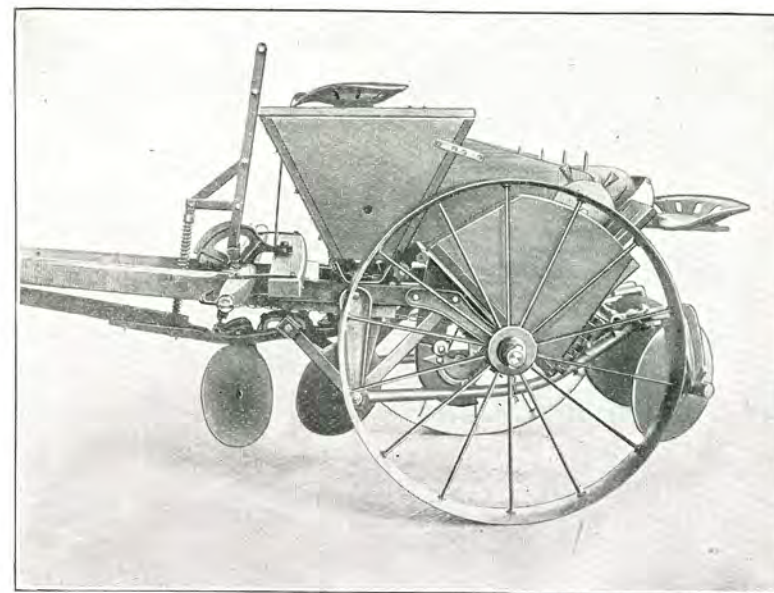
It puts the fertilizer in the furrow from 3 to 15 inches wide, and in this connection we would again earnestly advise spreading the fertilizer well—12 to 15 inches is not too much. This adds to its usefulness, because when the furrow is turned in the fertilizer is thoroughly mixed with the soil, thus giving it a better chance to feed all parts of the plant. We can very highly recommend this machine for such work, it having all the well-liked features of our other Distributers.

Both of these machines will sow from 200 pounds to over a ton to the acre.

SPECIAL SIZES TO ORDER.

The principles in our Distributers are such that we can make nearly any shape or size. If those shown in this catalog do not seem to cover your requirements, write us, and we feel confident of being able to furnish a machine that will fill every want.

The New McWhorter Potato Planter.



Price complete, with Fertilizer Distributer attachment, \$75.

The improvements in this machine have been so great that we feel justified in styling it our **New Potato Planter**.

A determined effort has been made to simplify and strengthen without losing any of the valuable features of the old machine, and the result has been eminently successful and satisfactory to us.

In fact, the great reduction of parts and the simplicity and compactness of arrangement make the Planter a revelation in that respect.

As to the planting, to any who have ever used or seen the old Planter, all we need say is that our new one fully retains all its good features, including easy separation of the potatoes, even distribution of the fertilizer, regular placing of the potatoes and lightness of draught. The latter, we may add, is improved. All those who have not, we refer to the following description of the work, which is all we claim—facts that have been universally admitted.

To sum up, we believe we have now an accomplished fact: a complete, perfect Potato Planter that will prove to be a boon to potato growers. Nothing uncertain or haphazard about its operation. The work is systematic and thorough from start to finish. As intimated above, the old Planter has been boiled down, refined, as it were, the dross removed and only the pure gold retained, while the new features substituted are the result of years of study, observation and experience.

We know what both perfect and imperfect work are.

Our ideal was the former, and nothing would satisfy us short of a production that would make the machine unique, and place it in a class separate and distinct. We offer our 1909 Planter with the confidence that it will more than please every purchaser from the first row.

Let us tell you briefly what it will do and how it does it. Given a field properly plowed and harrowed the Planter makes a finished job, opens the furrow, thoroughly distributes the fertilizer, places the potatoes regularly, covers them in good style and marks the next row.

GROUND OPENER IS INDEPENDENT.—We come first to the ground opening. This is an important feature. A clean, reliable working tool is needed—one that will go along free and undisturbed whether the land is clean or contains grass and trash. The opener on this Planter has this quality. It works independently to the body of the Planter. It rises over ridges or high places and drops into low places, adjusting itself perfectly to the formation of the field. Being independent, it never brings a strain on either the Planter or the team, or makes a furrow deep in some places and shallow in others. It has great adaptability to going through trashy ground. In fact, it can not be choked by the tough, dead grass that is found so plentifully in some sections. If you want a shallow furrow you can have that, or if a deeper one, that is also obtainable, regular and true.

THOROUGH SPREADING OF THE FERTILIZER.—Next we have the distribution of the fertilizer. This is done by the same device we have used for years in our popular Fertilizer Distributer, pronounced by hundreds of farmers the best in existence. It has capacity to distribute any amount up to a ton or more per acre and to spread it any required width. This is highly important, and a word here may be valuable to many a planter. The question of the more thorough spreading of the concentrated fertilizers of the present day is claiming the attention of the intelligent, up-to-date farmer more and more. The streaming of rich fertilizer heavily a few inches wide along the bottom of a furrow for any crop is wasteful, often injurious to the plant, and

such work can not commend itself to any farmer who takes the trouble to think or investigate.

Some of our patrons in past years have spread the fertilizer all of 20 inches wide, allowing it to fall rather lightly in the bottom or center of the furrow. The covering discs brought it all in and mixed thoroughly with the soil. The result was fine throughout, from the start of the young plants to the finish of the crop. The reason is plain. The fertilizer is incorporated with a greater amount of soil, more evenly, and in just the shape to feed the plants without injury to the tender roots, and to keep it up as they reach out until maturity of the crop.

PLACING THE POTATOES.—Next comes the dropping of the cut pieces of potato. They are carried down quite near the ground, and dropped with great regularity in the center of the furrow, presenting a very uniform and attractive appearance when seen before they are covered.

We need not enlarge on the value of this point. Every thinking farmer will appreciate it.

POTATOES IN THE CENTER OF THE LIST.—Now comes the finishing stroke to the row. Two keen, large discs cover the potatoes with an ample quantity of earth, and in fine form, the line of potatoes being exactly in the center of the list. This point will be properly valued by farmers who know the difficulty or impossibility of getting it well done with the plow.

Without going into detail as to how it is done, we may say the automatic separation of the pieces of potato is nearly perfect, but to make the planting entirely so as to every hill, the Planter is provided with a convenient seat for an attendant, man or boy, who can easily supply each empty cup and remove all surplus pieces, and a second person with the machine to help handle the potatoes and fertilizer will greatly expedite the work and consequently pay well.

The marking of the next row is done in a most simple, complete and convenient way.

CORRECT PLANTING IN EVERY DETAIL.—To sum up: the McWhorter Potato Planter is planned and made to take up the job of potato planting in every detail, and carry it through in a way that must delight every farmer who may use one.

We need not enlarge on the importance of a really practical Potato Planter. The hand way is tedious, laborious, expensive and unsatisfactory in many respects, while the complete Planter finishes the work

row by row at one operation, rapidly, cheaply and in a superior way as regards every detail.

THE LIGHTEST DRAUGHT ENSURED.—We call especial attention to the question of draught. This Planter is built on principles that insure it to be the lightest possible. Both in opening and covering the soil is moved in the easiest way. The opener working independently, the resistance is even and regular.

The Planter, running with very moderate and even draught, is easily managed by the driver, and any fairly efficient farm hand can make straight and regular rows so that the field will present a uniform and attractive appearance.

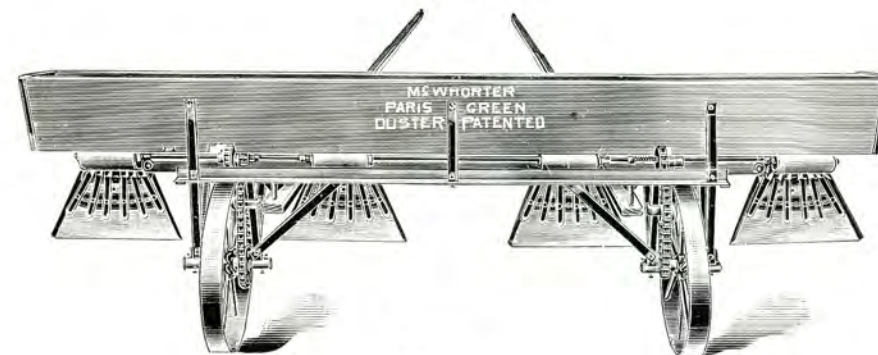
The machine is well and carefully constructed, with an eye to necessary strength in every part, but so arranged that in case of accident any part can be easily and quickly replaced.

AS A LISTER.

There is still another feature about the McWhorter Potato Planter that is well worth attention, and which makes it doubly valuable to the general farmer and trucker. The potato planting parts can be stopped and you have an admirable machine for opening a furrow, fertilizing same and making a list, ready for the planting of any kind of seed or setting plants, and let it be borne in mind that the spread of the fertilizer is entirely at the command of the operator, and this is a point of the highest importance.

McWhorter Two and Four Row Paris Green Dusters. For Killing Potato Bugs, Etc.

Four-row Duster.



Price \$50.

During the past few years we have perfected a machine that has created a sensation among potato growers in certain localities, and we desire very earnestly to bring it to the attention of all so engaged.

The purpose of the machine is to enable the farmer to safely and certainly, in the most rapid and economical way, destroy potato bugs—we have something to say worth your attention in this matter. It is no guess work, but something that we have thoroughly demonstrated, both as to the effectiveness of the means and the thorough work of the machine.

In 1905 it was used quite largely in one of the greatest potato sections of the country, and gained a popularity that made it known to everybody in the section. In the same locality the sale was more than quadrupled in 1906, and the endorsement was universal and of the strongest character. It reduces the work and the cost of killing the potato bug to the very minimum.

We do it with plaster or any other fine, dry mixture and Paris Green. The duster does four rows of potatoes at once, and will work down to the very finest dusting of the vines, fifty pounds of plaster to the acre being the maximum amount to be used. It carries enough

material for three or more acres, is the lightest kind of work for one horse, and will do twenty-five to thirty acres a day with ease.

It is simple in construction, easy to use and has no liability to get out of order. The spread for each row can be readily widened or narrowed to suit. We want to say that we have seen and used various means and plans for disposing of the destructive potato bug, especially the water plan and the numerous water carts, but we have never seen anything that even approaches this in rapidity, effectiveness, safety and economy.

One ton of plaster being sufficient for forty acres or more, there is not much mixing to do and not much handling, and the draught is so light the horse can walk rapidly until the job is done.

The driver sits on a high seat, out of the way of all dust, and wind does no harm.

For using dry mixture, we say confidently this machine is about as nearly perfect as anything to be desired.



Showing Four-row Duster at Work.

Now let us say a word as to the merits of dry mixture, and in this we do not speak altogether on our own judgment and experience, although we have been thoroughly convinced in regard to the matter long ago. We have recently consulted with dozens of large potato

growers, as intelligent, observing and progressive farmers as can be found anywhere, and the almost universal verdict was strongly in favor of the dry mixture if a machine could be had to apply it correctly, rapidly and economically.

Their claim, which is undoubtedly true, is that "the dry mixture, when properly applied, is more effective, killing in a shorter time, and does not parch or burn the vines."

We state here that this claim was proven to be correct, beyond all question, in our experience with the Duster during the past several seasons. Fields of potatoes, side by side, were dressed, one with water and the other with dry mixture, when it was raining every day. The water application had to be repeated again and again to keep the bugs down, the result being a very considerable parching of the vines, while the dry application with the Duster made a clean sweep, even when applied but a few hours before the rain, while the vines were left as green and fresh as though they had never been touched by anything but the rain and sun.

And now a word as to the great saving of labor. With the mixture already prepared ahead, there is nothing to do but go steadily along with the Duster until the finish. The labor of getting water, the time and trouble taken to fill the barrel, so well known to many, are all avoided. A troublesome and uncertain job is made easy, pleasant and certain. With the Duster no farmer need be concerned about potato bugs. The horse also comes in for congratulation, for this machine lightens his labor many times over.

In using fifty pounds of mixture to the acre there should be two pounds of pure Paris Green, or one pound to each twenty-five pounds. Some of our customers, however, claim that one to forty is strong enough, using fifty pounds to the acre, if applied while the bugs are small.

We feel absolutely sure that no purchaser of one of our Paris Green Dusters will be in any way disappointed.

TWO-ROW DUSTER.

We also make a two-row Duster. (Cut not shown.) It is the same in principle as the four-row machine, and all we have said about that implement applies with equal force to the two-row.

It is supplied with a seat, and for any one who has but a few acres to cover will be found a very light and handy machine. Price \$35.

When ordering either machine, always state the distance apart of your potato rows.

Since putting these machines on the market they have proved most excellent implements for sowing prepared lime. They will spread any amount from less than 100 pounds to a ton to the acre, and the four-row Duster covers over 10 feet at one passing of the machine.

Testimonials.

McWhorter Mfg. Co., Riverton, N. J.

Paulsboro, N. J., September 25, 1905.

Dear Sirs:—This is the first time I have ever permitted any one to use my name as a testimonial to recommend any kind of machinery, although often been requested to do so. And would not in this case, but I feel that to speak a good word in favor of the McWhorter Potato Planter, after using one the past season, is a duty I owe to those men who have developed a machine that is so near perfect, and, in my opinion, is as near perfection as skill can make it.

I have used other Planters, but the McWhorter is far ahead of any one I ever saw for light draught and neat work.

Yours, E. G. GREEN.

P. S.—You are at liberty to use the above testimonial if you wish. E. G. G.

McWhorter Mfg. Co., Riverton, N. J.

Norfolk, Va., November 25, 1902.

Gentlemen:—We have used a great many of your line of implements for a number of years past, and in the work they are made to do found them superior to all others. In fact, they have revolutionized much of the work on our farms.

(Signed) W. J. LEE,

J. W. BRINKLEY,

W. L. WHITEHURST,

HENRY C. COOPER,

W. F. SHUMADINE & BRO.

The above named are prominent farmers in this immediate section.

(Signed) W. H. DOYLE, Pres. Citizens' Bank, Norfolk, Va.

McWhorter Mfg. Co.

Norfolk, Va., November 23, 1907.

Gentlemen:—I am glad to testify to the merits of your Paris Green and Plaster Machine. I never had such an easy time killing potato bugs. Your machine for destroying bugs on a large scale, for speed and economy, is far ahead of anything I have ever seen. I couldn't do without it.

Yours very truly, R. F. HALLER.

McWhorter Mfg. Co.

Pomona, Fla., April 28, 1905.

Gentlemen:—I must thank you for the promptness with which you have sent the chains and other parts of the No. 16 Horse Fertilizer Distributer. We put them on and just finished fertilizing. The machine does perfect work, and I am greatly pleased with it.

Yours truly,

C. H. WORCESTER.

McWhorter Mfg. Co.

Norfolk, Va., May 6, 1902.

Gentlemen:—I planted my spinach crop in the fall of 1901 with your Gang Seed Drill, and I am glad to say the entire job was done without a hitch. I planted in hills. No stopping to bother with the feed or to clear a drill of filth a single time. My rows were straight and even, and everything was all right. Your plan of covering is fine for getting seed up.

Truly yours, C. R. BALDWIN.

McWhorter Mfg. Co., Riverton, N. J.

Route 1. Norfolk, Va., September 1, 1906.

Gentlemen:—From what I have seen I believe your Potato Planting Machine the most perfect I have ever seen, and will eventually revolutionize potato planting in this section. Up to this time we have found no machine that would come anywhere near our system of planting, but believe your Planter will fill the bill, and even better than hand work in some features.

Yours respectfully,

R. L. BELL.

New Canaan, Conn., April 17, 1905.

McWhorter Mfg. Co., Riverton, N. J.

Dear Sirs:—I am well pleased with the work of your Hand Fertilizer Distributer, as I find it can be used for so many different crops, and distributes the fertilizer so even and just where it is needed, and I find it has paid for itself several times over within the last season. I am

Respectfully yours,

S. E. THURTON.

Sidney, N. Y., September 2, 1904.

McWhorter Mfg. Co., Riverton, N. J.

Gentlemen:—I have used the No. 16 McWhorter Horse Fertilizer Distributer during the past season for broadcasting Nitrate of Soda and other fertilizer materials, and find it to be all that is claimed for it, and especially valuable where a machine of large capacity is desired, as the McWhorter will distribute evenly as high as 2,000 pounds per acre of Acid Phosphate, Thomas Slag or other heavy material.

J. G. CURTIS.

Ambler, Pa., May 27, 1904.

McWhorter Mfg. Co.

Gentlemen:—I am glad that you placed a Potato Planter in my hands this spring, as I never saw a planter that I would use until I saw yours. For six years I have planted by hand in preference to using the machines on the market, but when I saw yours at the Trenton Fair I changed my mind. Now I have a machine that plants potatoes truer than I can plant them by hand. I have just finished planting 12 acres, and I think I can pay for the Planter in one year by having my Potatoes true in the row. It certainly is a pleasure to run the Planter, as it is a perfect machine. In opening the row it cannot be beaten; in dropping the potatoes it is true; in distributing the fertilizer it is perfect, and it covers splendidly. I cannot praise it too much as a Potato Planter.

Yours truly,

S. E. FISHER.

Tanner's Creek, Va., November 22, 1905.

McWhorter Mfg. Co.

Gentlemen:—I bought one of your Paris Green Dusters last spring, and I found it to be the finest thing for killing potato bugs I have ever seen. It made a troublesome and expensive job both easy and economical. It pleases me greatly and I have no more fear of potato bugs.

Very truly yours,

C. E. POWELL.

Salisbury, Md., February 28, 1902.

McWhorter Mfg. Co., Riverton, N. J.

Gentlemen:—Replying to your favor of the 26th inst., will say that we are using three of your Fertilizer Distributers and find them a great help. First, because it does not cost half as much to put the fertilizer on. Second, because it can easily and evenly be distributed down the furrows and as a top dressing down the rows. Third, because we can use this Drill to put the fertilizer on when the wind is blowing too hard to handle it by hand. I do not think I would agree to set a price on my machines if I could not get more like them.

Yours very truly,

W. F. ALLEN.

Spilona, N. C., July 11, 1903.

McWhorter Mfg. Co., Riverton, N. J.

Gentlemen:—Yours of the 8th to hand. I am using one of your Hand Fertilizer Distributers on my farm, and will truthfully say it is the best Distributer I have ever seen or used. The operator can with ease carry 60 to 75 pounds of fertilizer in the hopper, and it distributes the fertilizer perfectly uniform up or down hill, in the same quantity as set to distribute until changed. It will distribute 100 pounds to a ton to the acre, and every row in the acre the same quantity. The machine is perfectly simple and strong, and with care will last a lifetime. I wish I could tell every farmer in the United States, who uses fertilizers, what a grand machine it is. I have five other best Distributers I could

buy, but yours is so much superior to them I have thrown them all aside. The Distributer is such a valuable one I want every farmer who don't know it to write me and I will tell them all about it. I will sell more of them next season.

Respectfully, R. I. LASSITER, Agent.

Trevoze, Pa., May 20, 1904.

McWhorter Mfg. Co., Riverton, N. J.

Dear Sirs:—The Potato Planter I purchased from you this spring works finely. It places the seed much better than can be done by hand, and the draught is much lighter than any other Planter I have ever seen. Two horses is all that is needed for this machine, which is a great advantage to many farmers. The Fertilizer Distributer beats anything I ever saw; you have nothing to do but fill the hopper and go ahead, the machine does the rest. I recommend it very highly to any one wishing to get a Planter.

Yours truly, A. TAYLOR PRAUL.

Sheridan, N. Y., August 19, 1903.

McWhorter Mfg. Co., Riverton, N. J.

Dear Sirs:—Your Horse Fertilizer Distributers do the work well. I am applying Kanit, Nitrate of Soda, S. C. Rock, Raw Bone and mixed fertilizers with equal success on vineyard and garden. The machine is well worth having if needed for only a few hours.

Yours, H. G. MINER.

Norfolk, Va., September 16, 1907.

McWhorter Mfg. Co.

Gentlemen:—I write to say that I have purchased nearly all of your different makes of machines, Seed Drill, Bean Spotter and Fertilizer Distributer as soon as they were introduced, and have used them not only with entire satisfaction, but with pleasure and profit.

They meet all the claims you make for them, and I give them my hearty approval. They are way up in every respect. Truly yours, W. T. LAND.

Leesburg, Fla., December 8, 1904.

Mr. B. N. Bradt, Jacksonville, Fla.

Dear Sir:—Thinking you would be interested to know how we liked the No. 16 McWhorter Horse Fertilizer Distributer we bought of you, want to say we are delighted with it and would not be without it for twice the cost.

We do not see how it could be improved upon for getting the fertilizer on the ground evenly, and the proper distance from the trees.

Yours truly, JOHNSON & CO.

(This testimonial is from large orange growers to Mr. Bradt, our General Agent in Florida at that time.)

Tanner's Creek, Va., August 30, 1907.

The McWhorter Mfg. Co.

Gentlemen:—I have used your whole list of machines with entire success. The complete manner in which you have met so many wants of the farmer and gardener in the past few years is a matter of surprise. Your Seed Drills put seed in the ground with a regularity as to distance of hills, quantity and depth of seed, that the most careful finger planting could not equal. Your other machines do their work in a manner superior to any method of which I have knowledge.

Truly yours, J. D. GUY.

Norfolk, Va., August 31, 1904.

McWhorter Mfg. Co., Riverton, N. J.

Gentlemen:—We have today finished planting 100 barrels of potatoes with the Planter we got from you, and we can scarcely realize the job completed, as it has required so little labor to do it. One pair of mules has worked to the machine during the whole time, and did the work with perfect ease. The character of the work done is very fine, and we consider it far ahead of any machine planting we

have seen heretofore. We appreciate the merits of your Planter highly indeed, and predict a similar appreciation by the farming community everywhere.

Put us down for two machines for spring planting, 1905. We recommend your Planter to every wide-awake potato grower without hesitation. Will say no growers can make a mistake in placing their orders for your Planter in the near future.

We consider the Planter puts the potatoes in the soil in the best possible shape, at small expense for the grower.

Yours very truly,

G. S. & J. O. REID.

Lambert's Point, Va., May 8, 1902.

McWhorter Mfg. Co.

Gentlemen:—Your seven-row gang drill, which I bought from you last fall, worked like a charm. It is the finest I ever saw, and does everything I could ask.

The feed is No. 1. The seeds are put in the ground and covered in the very best shape to come up, and there is no appearance of choking, even in filthy ground. It is all right. If there was anything left to say, I would gladly say it.

Yours truly,

J. T. MILLER.

Tuckahoe, N. J., May 8, 1905.

McWhorter Mfg. Co., Riverton, N. J.

Gentlemen:—Enclosed please find bill for No. 16 Horse Fertilizer Distributer, purchased from you last March, and check to cover same.

I have used my machine broadcasting and sowing in rows, and find it to be all that you recommend. I would not take double the cost for it if I could not replace it.

Very truly yours,

E. C. SHEPPARD.

Mount Holly, N. J., August 14, 1903.

McWhorter Mfg. Co., Riverton, N. J.

Gentlemen:—The No. 16 McWhorter Horse Lime and Fertilizer Distributer I purchased from you gives perfect satisfaction in broadcasting both lime and fertilizer. Several farmers have used it, and all say it is the best machine they ever used, doing all that is claimed for it.

Yours truly,

LEWIS LIPPINCOTT.

Prospect, N. J., May 25, 1904.

McWhorter Mfg. Co., Riverton, N. J.

Gentlemen:—I am very much pleased with the Potato Planter I received from you. It is about the most complete machine I ever saw. It does the work so completely and neatly that no one could find any fault with it. One advantage is that we do not have to cut the potatoes to uniform size. It does not seem to make any difference how they are cut, the machine goes along just the same. The fertilizing arrangement is perfect, and the draught is so light that my horses walked right along with it. My potatoes are all up and look very nice. I would not be without the machine.

Respectfully,

JOHN SCHLOAR.

Red Bank, N. J., October 28, 1903.

McWhorter Mfg. Co., Riverton, N. J.

Gentlemen:—Your machines are O. K. None better.

Yours truly,

THOMAS P. BROWN.

Rancocas, N. J., July 16, 1904.

McWhorter Mfg. Co., Riverton, N. J.

Gentlemen:—I consider the Potato Planter which I bought from you last spring a new departure in planting potatoes by machinery. The spacing is perfect and gives each potato an equal chance for growth. The marker, fertilizer attachment and ground working parts are so perfect that each performs its part without any special attention. I am more than pleased with the handsome appearance of my field of potatoes planted with your machine.

Very truly,

LEONARD STEMMER.

Norfolk, Va., November 2, 1907.

McWhorter Mfg. Co., Riverton, N. J.

Gentlemen:—Your Horse Fertilizer Distributer is so good that I would not take two hundred dollars for mine.

Yours truly, J. R. CROMWELL.

Seaford, Del, October 28, 1903.

McWhorter Mfg. Co.

Gentlemen:—I have sold your Fertilizer Distributers this season and they have given entire satisfaction, and we find them exactly what you recommend them to be.

Respectfully, J. L. JOHNSON.

P. S.—I still want the agency for them.

Bridgeport, N. J., March 9, 1903.

McWhorter Mfg. Co., Riverton, N. J.

Gentlemen:—Having had some experience in the use of the No. 21 McWhorter Fertilizer Distributer. I am pleased to say that it is very reliable and gave me perfect satisfaction. It distributes a uniform spread of quantities desired, of a few inches to about thirty inches. It seems to be about as near perfection as can be.

Respectfully, C. G. HOLDCRAFT.

Portsmouth, Va., November 14, 1907.

McWhorter Mfg. Co., Riverton, N. J.

Gentlemen:—I value your machines so highly that it gives me pleasure to express in this manner my cordial endorsement of them.

I have two Horse Guano Distributers, one seven-row Seed Drill and one Paris Green Duster. They all do fine work, are wonderful labor savers, and I feel that I could not do without them.

Yours very truly, HARDY DUKE.

Milford, Conn., August 20, 1906.

McWhorter Mfg. Co.

Gentlemen:—Among the bills that I pay for tools, etc., this season, none give me the satisfaction that the enclosed one does. The No. 24 Horse Fertilizer Distributer is all right, and easily saved one man. I simply could not have done the work I did without it. It worked every time and O. K. Several have seen it, and I am sure it will not be the only one in Milford next season.

Very truly yours, S. E. FRISBIE.

Suffolk, Va., April 11, 1901.

McWhorter Mfg. Co., Riverton, N. J.

Gentlemen:—I consider your Fertilizer Distributer the only perfect one in existence. I have used (and had used) all kinds (those drawn by horse and those run by hand), and yours is the most complete arrangement of all.

Yours respectfully, THOMAS J. WHITFIELD.

Churchland, Va., November 21, 1905.

McWhorter Mfg. Co., Riverton, N. J.

Gentlemen:—In reply to your inquiry, will say I used four of your Plaster Machines last season in applying Paris Green and Plaster Mixture on my potato crop, and I was well pleased with them. They did the work very successfully and economically.

Yours truly, T. E. TROTMAN.

Norfolk, Va., November 27, 1905.

McWhorter Mfg. Co.

Gentlemen:—After a thorough test the past season I consider your Plaster Machine for killing potato bugs the best and most rapid, as well as the most satisfactory I have seen in a potato field. I have always found the dry mixture much superior to the spray, and find it damages the vines much less.

Yours respectfully, R. L. BELL.

