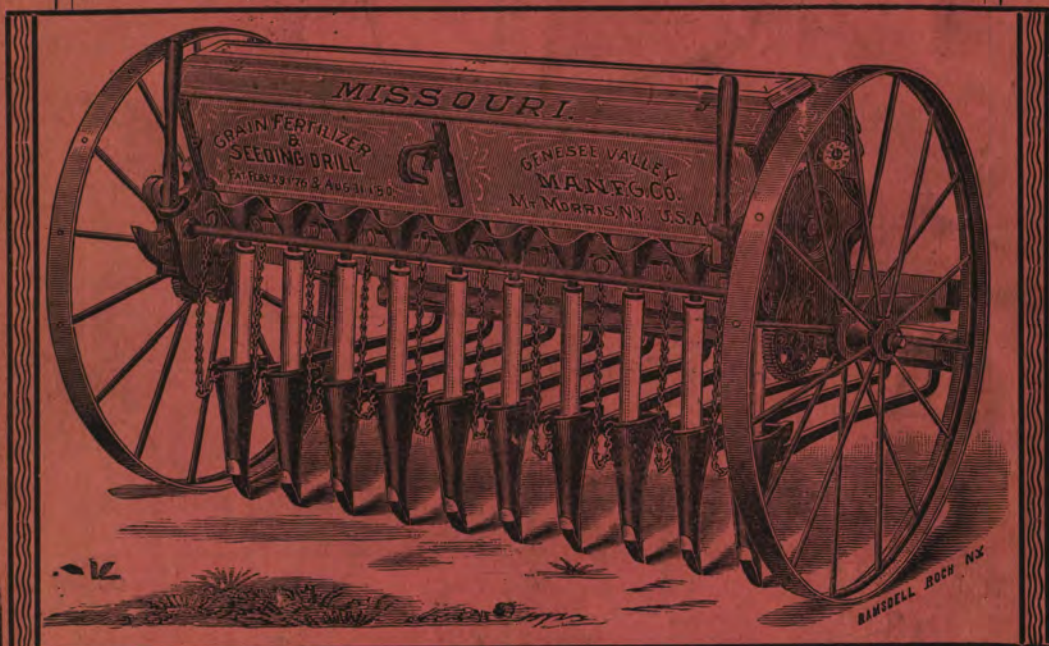


THE MISSOURI GRAIN AND FERTILIZER DRILL IS THE BEST!



MANUFACTURED SOLELY BY

The Genesee Valley Manufacturing Co.,

MT. MORRIS, LIVINGSTON CO., N. Y., U. S. A.

THE MISSOURI

**Double Rotary Force-Feed Grain and Fertilizer Drill, with
Self-Shifting Rank Attachment.**

The new change gear issued in 1888, with improvements for 1891, make a perfect machine.

LIGHTEST, CHEAPEST AND BEST GRAIN DRILL IN AMERICA.

WE SAY, THEREFORE, TO ALL WHO ARE IN WANT OF

- A GOOD GRAIN DRILL, -

Send in your order to us, or any of our agents, and if we have no agent in your vicinity, order at once from us and secure the agency. Manufactured by the

**GENESEE VALLEY MANUFACTURING CO.,
MOUNT MORRIS, LIVINGSTON CO., N. Y.**

 **BROAD-FACED, HIGH, WROUGHT IRON WHEELS.**

 **NO WOOD SPOKES OR FELLOES.**

 **NO TIRE COMING LOOSE.**

— THE MISSOURI —

Has been thoroughly tested in sowing all kinds of grain, grass seed, phosphates, bone dust, guano, salt, ashes, plaster, ground lime, marl, and such combinations as farmers make from barn and hen house products. It

**Combines all the Excellencies of a First-Class Machine,
together with Some Valuable Improvements,**

which are secured by letters patent. This Drill has the feeders enclosed in IRON CUPS beneath the box, and the quantity sown is regulated entirely by the speed of the feeders, and can be varied from three pecks of wheat to three bushels of oats, which is accomplished by a series of cog wheels of the proper size to produce the exact number of revolutions required for each particular quantity of seed. The arrangement of gear for this purpose is so

SIMPLE AND CONVENIENT AS TO BE EASILY UNDERSTOOD.

All of our Drills have Self-Shifting Rank Attachment, Land Surveyor, Neck Yoke and Whiffletrees, WITHOUT EXTRA CHARGE. All Drills warranted in material and manufacture as well as work.

 Agents wanted in every county in the United States.

Sold by.....

EUREKA! EUREKA!! EUREKA!!!

✠ 3 F. F's. ✠

We have added to our Force Feed Grain Sower a

GENUINE FORCE FEED FERTILIZER ATTACHMENT,

Distributing all kinds, as ashes, plaster, phosphates, etc., without clogging. It is exceedingly simple and commends itself at sight. The quantity sown is regulated by cog wheels, same as the Grain Sower. No more power required to propel the Fertilizer than the Seeder, consequently the draft of the Combined Drill is but a trifle more than a Plain Drill. By means of a lever the gearing may be thrown in or out while at work, so that fertilizers may be sown on poor and shut off on fertile lands in the same field.

We have also added a

* F. F. FORCE FEED GRASS SEEDER * F. F.

Working on the same principle of the Fertilizer. Therefore our Combined Drill is furnished with

THREE * POSITIVE * FORCE * FEEDS,

NONE OF WHICH ARE USED BY ANY OTHER DRILL MADE.

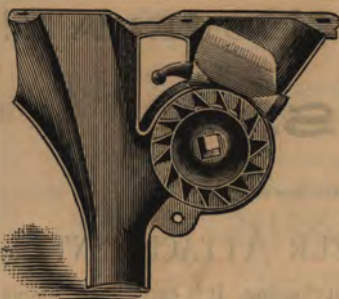
OUR MACHINE COMBINES

MORE * GOOD * POINTS

THAN ANY OTHER MACHINE IN THE MARKET,

Among which are:

1. In the even and continuous delivery of seed.
2. Seed not cut or injured in passing the Run.
3. Will sow coarse as well as fine seed, including beans, peas, corn, etc.
4. The distributors or feed runs never wear out or vary in the quantity of seed discharged.
5. Is lighter in draft than any other, and does not bear on the necks of the team.
6. The delivery of seed is in plain view of the operator.
7. It accurately measures the ground actually seeded.
8. It is evenly balanced and of very light draft, weighing but little more than half as much as most of the old machines.
9. It performs equally well on all kinds of land.
10. It is made strong and perfect, regardless of expense.
11. Its feeding arrangement—really the main point in any seeding machine—is acknowledged by all to be the best.
12. By our self-shifting rank-attachment, the hoes are changed from a straight line to zig-zag, or *vice versa*, or kept in motion by the team at the pleasure of the operator, by simply throwing a lever in and out of gear; the most valuable improvement added to a grain drill since the introduction of our Rotary Force Feed.



FORCE FEED Grain and Seed Distributor.

For Combined Missouri Grain Drill.

As all the feed runs are connected and revolved by means of a square shaft of steel, which is propelled by a set of cog wheels connected with the hub of the ground wheel, there can be no variation in the quantity of seed distributed by each, and the measurement is quite as exact as though taken from a half bushel measure. The quantity sown is not governed by opening or closing the entrance to feeder case, but always remains the same. The quantity sown is controlled by the speed of the cups or feeders. The NEW ARRANGEMENT for CHANGING the GEAR is almost instantaneous; no bolts, nuts or pins to be taken out and replaced; simply drop a lever, place the gear needed on a stud, and elevate lever. The feeders having a slow movement, there is no appreciable wear in a generation, consequently the same positive distribution continues from year to year.

TESTIMONIALS.

NEW ENGLAND STATES.

ST. ALBANS, VT.
GENESEE VALLEY M'F'G Co.—Gentlemen: The Missouri Grain and Fertilizer Drill purchased by the Hon. W. C. Smith of St. Albans Foundry, last spring, to use upon his farm, seems to be without a fault. I am very much pleased with it, and believe it to be what every farmer wants. The grain now up shows no instance of bunching. Truly yours,
C. M. LAPPOINT, Farmer.

SHOREHAM, VT.
Dear Sir: The Missouri Drill of the Genesee Valley Manufacturing Company is the neatest and most complete drill ever put upon the market. I am using one of your 11-hoe drills and have lent it to my neighbors, who were very much prejudiced against drills, but who each in turn have bought drills of your agent and are much pleased with them, because of the extra work they can do, both in planting corn and distributing fertilizer. Sincerely,
C. C. FORBES.

DANVILLE, VT.
Gentlemen: We have just finished our threshing, and the yield is way beyond our most sanguine expectations; 256 bushels of wheat from 54 acres, 322 bushels of oats from 5 acres, green sward. I send you a small package of wheat that you may see the quality. I believe the drill gave us 10 bushels more per acre than broadcast seeding would have done. Every piece sown with a drill reports the same result. It is just truly wonderful. I have already put up ten packages for editors, etc., in New England, giving the amount, etc., and that it was sown with the Missouri Grain Drill. Mr. Sargent had 47 bushels of wheat per acre. My brother, who has farmed it for 40 years on the same farm, says he never had such crops of grain. And this is the testimony of every one that used the drill. Sincerely,
GEO. D. DAVIS.

BOLTON, Worcester Co., Mass.
THE GENESEE VALLEY M'F'G Co., Mt. Morris, N. Y.—Gentlemen: I have used your Missouri Grain Drill

two seasons, and I cannot find words to express my perfect satisfaction and love for the machine. It almost seems to be a thing of life. I have planted all my corn, beans and peas with it. I plant three rows of corn at a time, distributing the fertilizer at the same time. I can plant an acre in thirty minutes easily, and have done it in eighteen minutes on a bet, and nothing to do but sit on the machine and drive. It sows corn for ensilage to perfection, and much better than any man can do it by hand. The drill does all the harrowing that is needed when I plant. For sowing grain, grass seed and fertilizer, all at the same time, it is just boss. I can regulate it so as to distribute 100 to 1200 pounds of fertilizer to the acre. I cheerfully recommend your drill to all my brother farmers who plant and sow ten acres, as a thing of economy. It will pay for itself on any large farm in two or three years by the saving of time. I could not do without one now if they cost five times what you ask for them. Your drill cannot fail to gain favor. Yours truly,
H. F. HAYNES.

HAZARDVILLE, CT.
MR. S. H. ELLIS—Dear Sir: I cannot speak in too high terms of praise of the Missouri Grain Drill I bought of you last spring. It does the work equal to all of the claims the proprietors claim for it. It sows fertilizer splendid. As a combined machine it works equally as well, light or draft, and is just what every farmer should have. Sincerely,
FRANK W. PARSONS.

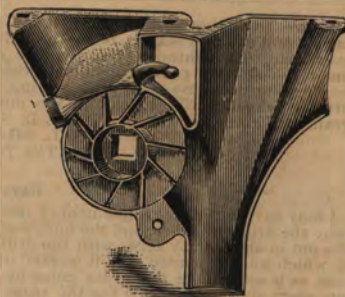
NEW YORK.

GALWAY, Saratoga County.
TO THE GENESEE VALLEY M'F'G Co.—Gents: Last spring I felt the necessity of a grain drill. I examined a number of different kinds of drills, and I purchased of your agent, Phillip M. Shaw, one of your Missouri 10-hoe spring drills. I have used it to do my own work and considerable for my neighbors since then, and it has given satisfaction. For lightness of draft, and for the superior quality of the phosphate and grass seed arrangement, I think none superior. I have tried both dry and damp phosphate with equal success. It has not cost me a cent for repairs, and I would not exchange it for any other drill I know of in use. Sincerely,
WM. CROUCH.

Force Feeder for Coarse Grain

AS CORN, BEANS, PEAS, ETC.

Being large enough to obviate splitting or crushing the grain. Our feeder case being double, one side for small grain and the other for coarse, and run by the same shaft and gear, is quickly changed from one kind of sowing or planting to the other. The MISSOURI is the only grain drill that has this very convenient simple change.



As a corn, bean or pea planter, the MISSOURI GRAIN DRILL cannot be excelled by any device in the market. For planting corn in rows any size of our drills may be used, all working precisely alike. But our 11-hoe, seven-inch, is preferable, leaving feeders No. 3 and No. 9 open for corn to pass through, planting 3 feet 6 inches apart and the ground wheel mark is a guide for driving on the return rows.

We send coverings for all the feeders but two. Also partitions in the fertilizer box, by which the fertilizer may be conducted through one or more tubes with each row. These partitions should be taken out when preparing to fertilize other grains.

QUAKER STREET, Schenectady Co.

GENESEE VALLEY M'F'G Co.—Dear Sirs: The 11-hoe combined Missouri grain and fertilizer drill I ordered from you last April is all it is recommended to be. Having used other drills for years I appreciate the good point in the Missouri. I sowed 108 bushels of spring grain and about 40 acres of buckwheat, besides fodder corn, beets and carrots, myself. Four of my neighbors have used it and praise it ever so much. Its accuracy is perfect. I carefully measured 8 bushels buckwheat, 256 quarts, put on No. 10 gear, giving 20 quarts per acre, sowed 12 acres, emptied drill and had 12 quarts left; the amount sowed was 244 quarts; the four quarts over were sowed on head lands twice over. The dial will give acres and 12th acres instead of guessing at fractional parts as in other drills. As to fertilizer sowing, it will beat the world. Last April one of my neighbors and myself bought a carload of ground bone, super-phosphate and fertilizer, three kinds divided between us. My neighbor ordered a new and popular drill, claiming to be a force-feed fertilizer and of the latest make. The phosphate and fertilizer was very damp and full of sheep's hoofs, tag locks, paper boxes, wooden butcher's pins, oyster shells, and a great many other things too numerous to mention. The Missouri distributed the combination, by using gear 33, perfectly even and in good shape, while the new drill spoken of above could not use it at all. They had to sow it by hand. As to draft it is lighter than any 9-hoe I ever saw; have sowed clover and timothy seed with perfect success. One man that had my drill to sow buckwheat ran short of phosphate and went into his hen house and got a barrel of hen manure to finish with. He says it sowed it completely. Another man used wet ashes, which it sowed just as readily as phosphate.

CYRUS BRIGGS.

WESTFIELD, N. Y.

GENESEE VALLEY M'F'G Co., Mt. Morris, N. Y.—Gents: The Missouri Drill I purchased of your agent J. J. Pendergast last spring, has given me entire sat-

isfaction. It sows the grain as nearly as possible to what it is set for. The phosphate I have tried with all the brands I could secure with equally as good results as with the grain. Also the grass seeder I can recommend to any one. Would not do without the iron wheels; and as to draft, it has no equal; it certainly is the lightest of any one I ever saw. If my drill was sold, should buy another Missouri, even if it should cost me more than any other kind.

A. H. ELLIOTT.

WAYLAND, N. Y.

Gentlemen: I have had the pleasure of testing your Missouri Drill and found it to be superior to any I have ever used. I have used four different kinds. Worked one on the same lot with the Missouri. I had sooner my team would draw your drill two days than any of the others one day. I would give \$25 more for your drill than any I have ever used. I found it did not pull my horses necks off to handle it, and found it to distribute the seeds and phosphates perfectly. Yours respectfully, GIDEON SHUTT.

AUBURN, N. Y.

MESSESS. DAVIS & SHOEMAKER—Gents: The Missouri Grain Drill I purchased of you last season is much nearer perfection than I supposed I could buy. The phosphate run—the most delicate part—is all right, and has sowed dry, sticky, and lumpy phosphate in good shape. The grain has not bunched at all. Have not used the grass run. The change of speed is the true way to build a force-feed grain drill. The drill in all respects is good; it handles so easy for man and team, that it is only fun to use it. The Missouri drill is the drill for me every time.

Yours most truly, D. SWARTOUT.

SPRINGPORT, N. Y.

MESSESS. DAVIS & SHOEMAKER, Auburn, N. Y.—After deciding to purchase the Missouri drill from the results of the trial held on the farm of Mr. Tompkins in which a number of drills took part, October 18,

1883, we have thoroughly tested it on our several farms, and can now say it is the best drill we have ever used. Its lightness of draft, ease of management, self-shifting rank attachment, which allows of no clogging, evenness of its grain sowing, and its positive force feed fertilizer, make it the most desirable grain drill in the market.

CORAL D. NUTT,
GEO. L. SHANK,
HORATIO TOMPKINS.

BATAVIA, N. Y.

I may say that all the implements I bought of you, viz.: the drill, the roller, and the mill, work elegantly. We put in about sixty acres with the drill, over forty of which we phosphated, and it worked up to perfection, as is seen since the grain came up. The roller hits every spot, and is nice for the team to handle; and the mill, so far as used, is just the thing.

R. T. HOWARD.

PENNSYLVANIA.

PHILADELPHIA, PA.

GENESEE VALLEY M'FG Co.—Gents: After examining the grain drill on exhibition at the Pennsylvania State Fair held last fall, and being a mechanic myself, I was so favorably impressed with your exhibit, and the simple principle on which it worked, that I concluded to try one. After sowing twenty acres of grain (wheat and rye), I find it surpasses anything I ever saw. Ten of the foregoing acres were the most severe possible test which can be applied to any drill, the fertilizing attachments sowing 200 pounds of wet salt to the acre, and doing the work in the most thorough and complete manner. I don't think there is any other invention that will successfully stand this test. Your apparatus is so simple that it makes it less liable to get out of order than other drills, and this, I think, makes it one of the cheapest in the market. I cheerfully recommend it to any one in need of a grain drill.

F. M. FREEBURG,
1738 South St., Philadelphia, Pa.

COCHRANEVILLE, Chester Co., Pa.

GENESEE VALLEY M'FG Co.—I have 35 acres of corn as nicely planted as any one ever saw. I make no exception for any drill. It was planted with a Missouri combined drill.

A. B. WALTON.

LIBERTY SQUARE, PA.

G. S. LAMBORN:—The drilling you did for us last fall with the Missouri combined 9-hoe drill, has given entire satisfaction, and we believe it to be the lightest of draft and best force feed for grain and phosphates, distributing either more evenly than any other we have ever hired for the work. We therefore, without hesitancy, can recommend it to all those who are looking after a first-class combined drill.

B. SIMPSON, HUGH ARMSTRONG,
A. B. LAMBORN, BENJ. MYERS,
JOHN HART, JAMES PEGANT.

WATTSBURG, Erie Co., Pa.

GENESEE VALLEY M'FG Co.—I used my machine for planting corn last year. I planted 12 acres with the Missouri drill in 1½ days, and put phosphate in at the same time. I husked 1,800 bushels of ears of corn, which was worth, at market value, including butter made from the stalks, \$50 per acre for the 12 acres. Not bad for a poor year. A continuous row, with corn 8 to 10 inches apart, increases its products very much, and I think it the most productive way of planting corn.

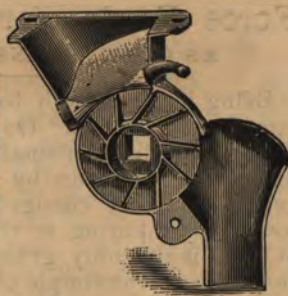
Yours,

W. T. EVERSON.

FORCE FEEDER
—FOR—

PLAIN GRAIN AND SEED DRILL

Propelled same as in the
Combined Drill.



MECHANICSBURG, PA.

GENESEE VALLEY M'FG Co., Mt. Morris, N. Y.—Dear Sirs: This is to certify that we purchased of your agents, Snyder & Schreiner, the Missouri Grain Drill, and we would recommend it to all farmers that wish to buy, as the most perfect seeder and distributor of phosphate, and the lightest draft of any drill in the market.

J. W. HUNNELL, Perry County.
SAMUEL SANSAM, Cumberland Co.
GEORGE CLAPPER, " "
ELI DUNKLEBERGER, " "
PETER HENSPT, " "
HENRY NEIDIG, " "
S. SHELLENBERGER, " "

WILLISTOWN, Chester Co., Pa.

GENESEE VALLEY M'FG Co.—Gents: Everyone who has seen the Missouri work pronounced it the best seeder they ever saw. We are putting on 600 pounds of phosphate as regularly as can be. Not a clog; just as bright and smooth as when we began. As for draft, the 10-hoe runs as light as other 8-hoe drills.

THOS. G. SMEDLEY.

WESTTOWN, Chester Co., Pa.

G. S. SMEDLEY—Dear Sir: I thought it would be out of the question to get a drill that would sow dissolved rock without gumming, but as you were so decided that the Missouri would, I concluded to try it. The result was, it did its work as well as it could be done. In sowing six acres I do not think it varied ten pounds, besides the grain came up as even as I ever saw it. I can fully recommend it as the best drill I ever saw.

JOHN E. MARSHALL.

EAST HANOVER, Lebanon Co., Pa.

Mr. ADAM YEAGLEY, Agent for Lebanon Co.—The combined drill we bought of you last fall gave us perfect satisfaction. We tried it in different kinds of phosphate and chicken manure. We never saw anything to sow as regular, both in grain, grass seed, or phosphate; it runs very light; some of our fields are hilly, but we sowed all with two light horses; we sowed about 120 acres; we drilled nine acres with phosphate in half a day with two horses, and think it decidedly the best combined drill in the market, and would buy no other.

JOHN WALMER.

JOHNATHAN KLICK.

N. B.—We like those iron wheels very much; they do not throw up so much ground.

CEDAR SPRINGS, Clinton Co., Pa.

GENESEE VALLEY M'FG Co.—I used the Missouri drill I bought of your agent in sowing forty acres of wheat. Used a fertilizer made of barn yard manure, hen manure and ashes, also used South Carolina rock. For light draft, even flow of grain and phosphate, and



Grass Seed Distributor.

Which we have found to be as near perfection in even distribution of seed as it is possible for a machine to sow.

It is so arranged that seed may be scattered before or behind the hoes, as desired.

convenience in handling, I consider it superior to any other drill in the market. My neighbor, Everhart, used it to sow nine acres, used Baugh's \$25 phosphate with the same result.

T. S. FOX.

DELAWARE.

SILVERBROOK, Del.

J. F. WHITE & BRO.—Gentlemen: The Missouri grain drill I bought of you the past season gives entire satisfaction. Gave it a fair trial in several different phosphates, especially in South Carolina rock, which we have had considerable trouble in sowing evenly. By this drill having a rotary force feed, it both grinds and sows the lumps at the same time, therefore I claim it to be far superior to any drill I have ever had, both in the distribution of phosphates, grain and grass seeds, and lightness of draft, and can heartily recommend it as a first-class drill in every particular.

AARON A. WOODWARD.

MARYLAND.

OLNEY, Montgomery Co., Md.

J. SPRIGG POOLE, Esq.—Dear Sir: Yours of the 27th inst. is received, and in reply will say that the Missouri is the best and only complete force feed drill that I ever saw. It is well and strongly made, and two horses carry it with greatest ease. I drilled between 70 and 80 acres in wheat last fall, and there is not a single slip or missed place in the whole of it, where the drill ran. It crushes all lumps, such as Ranit, or South Carolina rock, that may have been overlooked in mixing. The timothy seed is forced as well as the wheat and guano. I believe it will be "the drill" one of these days, for guano must feed through it, whether wet or dry, just so surely as coffee must feed through a coffee mill.

Very respectfully,

R. H. MACKALL.

MINNESOTA.

EXPERIMENT STATION OF THE COLLEGE OF AGRICULTURE, UNIVERSITY OF MINNESOTA.

GENESEE VALLEY M'F'G Co.—Gentlemen: In reply to your communication in regard to the Missouri grain drill and roller, which you kindly left with us for trial, I take pleasure in stating that both implements have given entire satisfaction. The drill is light of draft, well adjusted and admirably adapted

to the work for which it is designed. The roller is a very superior implement, light of draft and of great durability, and I consider it the best roller at present in the market, and I shall take great pleasure in recommending it, as well as the drill, to the farmers of the northwest.

Yours respectfully,
EDWARD PORTER, Director.

DETROIT, Becker Co., Minn.

GENESEE VALLEY M'F'G Co.—Gentlemen: The Missouri grain and fertilizer drill can not be beaten. I have put in 120 bushels of wheat, oats, barley and rye, all coming up in good shape. I have used the fertilizer with ashes and it works good. My neighbors have invested in press drills of different makes, but they do not fertilize, and in damp ground the press wheels clog and bring the seed out of the ground which sticks on the wheels and cheat the land. The fertilizer is worn half the drill, in this old land 20 years under crops. A farmer can prepare lots of different fertilizers and sow with this, which he can't do with the press drill.

Very truly yours,
I. M. THOMAS.

VIRGINIA.

CATLETT'S, Va.

GENTLEMEN: The drill has been at work four days and gives entire satisfaction. It does not work two horses any harder than my 8-hoe Champion did, (this is a 12-hoe.) I only wish it had 15 hoes, and for three horses.

Very respectfully,

R. H. BOARDMAN.

P. S.—I am very much pleased with the three-section roller.

R. H. B.

WINCHESTER, Va.

GENESEE VALLEY M'F'G Co.—Gentlemen: I purchased the first drill of yours that came into this county. It has given entire satisfaction and I cheerfully recommend it to all farmers, and especially to my neighbors. My drill took first prize at our fair.

Respectfully,
JOHN H. WOTRING,
Treasurer Frederick County.

NORTH CAROLINA.

SAXAPAHAW, N. C.

GENESEE VALLEY M'F'G Co.—Dear Sirs: The Missouri grain drill we bought of your agent, Lewis H. Holt, gives good satisfaction. C. A. Pickard set the drill to sow ten bushels of wheat and 1,500 pounds of guano to ten acres, and it sowed exact the amount set to sow. If I buy again I will buy the Missouri. It does the work nicely, and as much as it could in one season over rough and rocky land. The draft is very light.

Respectfully,

ALFRED PICKARD,

S. H. WEBB,
ROBT. MORROW.

MELVILLE, N. C.

GENESEE VALLEY M'F'G Co.—Dear Sirs: I operated the Missouri grain drill bought of your agent, Lewis H. Holt, last fall by Wm. Newlin, and sowed 16 sacks of guano which I had no trouble with whatever. I think the distribution of grain and fertilizer is the most even and regular of any drill I ever saw or used. Have used several different kinds and would not drive the Missouri out of the field to exchange with any of them.

JOHN STEWART.

OHIO.

BURG HILL, Trumbull Co., Ohio.

GENESEE VALLEY M'F'G Co., Mt. Morris, N. Y.—Gentlemen: For the past sixteen years I have been engaged in farming, and during that time have worked four or five different kinds of grain drills. I hesitated

Section of Force Feed Fertilizer Attachment



Showing cylinder with Feeder revolving around it; also, brass spring riveted on lower side of cylinder, which not only cleans the feeder, but forces out any substance, however wet or sticky. This attachment distributes both com-

mercial and home-made manures.

By continuous efforts for many years, we have overcome the many obstacles in distributing the various fertilizers put on the market. We claim to have very much broader range for sowing fertilizers than any other drill made.

The ordinary fine phosphates may be well sown by most of the drills now on sale, but when you add to this *lumpy*, or *wet*, or *sticky*, or *coarse*, or *hairy*, or *hen manure*, or *barnyard manure*, then, we say, we have the only drill that can be relied on to do the work.

This attachment is propelled by shaft and *single set* of gear, same as grain apparatus, and the change is made on the same lever principle and as quickly. For sowing broadcast on meadow, etc., remove rubber tubes and chain up the hoes.

to buy one, as I was not satisfied with the working of any of them. One year ago last fall I chanced to hire a Missouri drill, and was so well pleased with its work that last spring I purchased one from your agent, and can truly say that the long looked for drill is found at last. It works to my entire satisfaction; is the lightest draft; does not bunch, and distributes most evenly; does not clog; is easily handled, and in my humble opinion is the nearest to perfection of any drill I have ever seen. Can cheerfully recommend it to the attention of any who intend to purchase a drill.

ALBERT B. REED.

JACOB RUFFING, Norwalk, Ohio, says: The drill is one of the very best we have ever used, for the following reasons: 1. It is perfect in every detail. 2. There is no heft on horses necks. 3. It runs one half easier than any drill we have ever used. 4. The fertilizer feed is one that will sow all kinds of goods. 5. It does not bunch wheat. We have used several different drills, but the Missouri takes the lead for good points.

WELLINGTON, O.

GENESEE VALLEY M'F'G Co., Mt. Morris, N. Y.—DEAR SIR: I purchased one of the Missouri grain and fertilizer drills of your agent, E. R. Ledyard, of Rochester, Ohio, and it works to perfection, and my neighbors that have used it think it the best they ever hitched to.

Yours truly,

H. NORTON,
URIEL NORTON.

BRIGHTON, O.

GENESEE VALLEY M'F'G Co., Mt. Morris, N. Y.—DEAR SIR: The grain and fertilizer drill I bought of your agent works to my entire satisfaction. I can drill the dampest phosphate or dry bone meal, better than with any other drill I ever used.

Truly yours,

JOHN BURTON.

KENTUCKY.

HORACE SHAW Esq., Adairville, Ky. DEAR SIR: Answering yours of 18th. I would say that the Missouri drills that I sold here last season gave perfect satisfaction, especially the fertilizer feed, handling all kinds of fertilizers no matter how lumpy or trashy. The drills run about one horse lighter than any other I ever saw at work. They are certainly the drill for farmers to buy.

Yours truly,

W. H. LEWIS.

MICHIGAN.

LEE, Mich.

TO GENESEE VALLEY M'F'G Co.—Sirs: I bought of your agent one of your grain drills, and can truly say that it exceeds my highest expectations. I used it on a piece of June grass sod, plowed late, and the sod lay on the surface like large pieces of sheep skins, but with the zig zag motion of the hoes it did not clog; it would clear itself completely; it distributed the grain very evenly; and is easy to handle by man and team. I am well pleased with it.

Yours with respect,

CHAS. SNYDER.

PONTIAC, Mich.

GENESEE VALLEY M'F'G Co.—Gentlemen: I have handled the Missouri grain drill for two seasons and have been in competition with other first-class drills at fairs and in the field, and can say I find your drill draws much easier, and my customers say the feed is perfect, both as a grain seeder and above all, as a perfect fertilizer feed, and I cannot recommend it too highly to any one wanting a drill.

A. C. DANIELLS.

GREENFIELD, Wayne Co., Mich.

GENESEE VALLEY M'F'G Co.—Dear Sirs: There are about twenty of your combined drills in use in my neighborhood for sowing all kinds of grain and



SPRING HOE.

Operated by a steel coil spring which works as well after many years' use as when first put in the field. This is very much superior in durability to the rubber springs in use. When the tooth is in working position, there is no strain on the spring. This spring is reliable and never fails to do its work instantly. It is so protected that it cannot get out of place or be broken.

fertilizer, and I have never heard one word of complaint about them, and parties that have other kinds often borrow my Missouri to do their seeding.

Yours truly,

LEWIS REED.

DAKOTA.

CONWAY, Walsh Co., N. Dak.

GENESEE VALLEY M'FG Co., Mt. Morris, N. Y.—Gents: The 19-hoe drill I purchased of you came to hand about the first of April. I seeded over 100 acres of wheat and 30 of oats for myself, and over 200 of wheat for my neighbors. The implement is a beauty, and the boys call it a "daisy." It has given the best of satisfaction to all, does its work well and rapidly. Three horses can put in from 25 to 30 acres per day. May 7th, a hurricane from the "Sunny South" blew hundreds of acres of wheat right up by the roots, and many farmers had to re-seed. My neighbors on the south (divided by a four-rod road) had to re-sow about 35 acres, which we did with the Missouri drill. Mine on the north side of the road, sowed with the drill, was all right; not a kernel left its bed—not that it was asleep, for it was up and looking bright and fresh as a "milkmaid in the early dawn." I think that the demand for drills will be good for next season's use. Several of my neighbors have asked me if I could get them a Missouri.

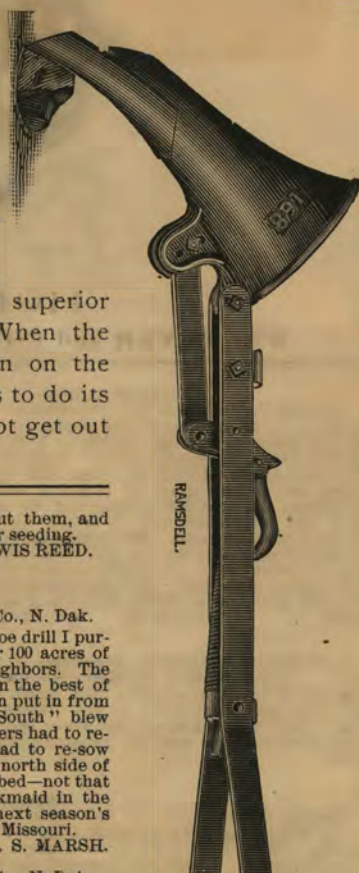
Yours respectfully,

S. S. MARSH.

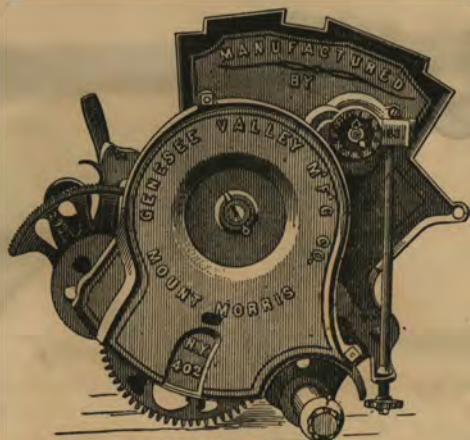
PAGE, Cass Co., N. Dak.

GENESEE VALLEY M'FG Co.—Gentlemen: Your letter of the 28th ult. duly received. I am very much pleased with the drill. It looks now as though the drilled wheat would yield from three to five bushels more to the acre than that sown by broadcast seeders. The drilled wheat will also be fit to cut three or four days before wheat sown by seeders. Mr. Williams likes his drill very much, and thinks it is going to be a good thing. People are beginning to have great faith in drills. Last spring we had some very severe wind storms after the farmers had their grain sown; some sections sown with a broadcast seeder had to be seeded over again, while those sown with the Missouri drill came through without damage. A great many sections that were not seeded again were plowed up during the summer, and some sections that farmers left in hopes of getting part of a crop, will not pay even to cut. I think you will do well to attend every fair in Dakota this year, and have a drill on the ground.

H. R. HARTMAN.



RAMSDELL.



HOPPER END.

With LEVER and CHANGE gear in place ready for Work.

CRANDON, Spink Co., S. Dak.

GENESEE VALLEY M'fg Co.—Gentlemen: Are you making any arrangements with parties to handle your drill in this section of the country? I know of some parties that want one like mine. Last spring, with my 19-hoe drill, I drilled 350 acres with one 3 horse team, and got my grain all in before some of my neighbors did that didn't have half the amount to sow, and my horses were in better condition than when they commenced. This coming spring I expect to sow 475 acres with the one drill, and I know that I can do it with ease. I would like to show you some of the western made drills; they are a cheap made mess. I would not give my 19-hoe drill for a car load of them.

Yours truly, A. C. RICHARDS.

A. McMARTIN, of DeSmet, Kingsbury Co., S. Dak., says: "I have finished my spring sowing, and find that my 19-hoe Missouri grain drill 'takes the cake' off from any grain sower in the Dakota country. Father had bought a broadcast sower before my arrival home from the east, but we have no further use for it."

SHELBY, S. Dak.

GENESEE VALLEY M'fg Co.—Dear Sirs: In regard to the drill I bought of your agent, Charlie Fuller, last spring, will say I put in 200 acres of grain with ease, with two horses. I also own a seeder, but that is nowhere compared with the drill, as the grain sowed side by side will show for itself. I don't think the man is made that makes a better drill in any particular.

A. M. SMITH.

DEVIL'S LAKE, N. Dak.

GENTLEMEN: I have concluded to write to you concerning the sentiment and opinion of the farmers here as to the use of broadcast seeders and drills. The grain here has always been sown with broadcasters. The Missouri that I bought of you last spring

has created a good deal of talk. After I ordered it, there were many doubts expressed about its working in this country. Some said I would fool away my money, etc. But by some means it is all changed now. Yesterday an implement dealer asked where I bought mine, said all the farmers were talking that they must have drills next year. A neighbor was ready to sow a few days before I was. I told him to sow with my drill. He used it about half a day and set it aside, and finished with a broadcast seeder. We had a dry spell first part of June, which was very trying to wheat. I went past his field, and it was plainly seen that the piece sown by the drill was much the best. If crops are good this season, you can sell a good many here next winter. I think you ought to make arrangements with some dealer here to handle them.

Yours truly,

T. C. SAUNDERS.

COLUMBIA, BROWN Co., S. Dak.

THE GENESEE VALLEY M'fg Co., Mt. Morris, N. Y.—Gentlemen: The 24-hoe drill which you made for me is a beauty. We have sown three hundred acres with it already. I am well satisfied with its work.

Yours,

WM. DAVISON.

COLORADO.

FORT COLLINS, Colorado.

GENESEE VALLEY M'fg Co., Mt. Morris, N. Y. Dear Sirs: Having bought one of your drills from your agent of this place, for use this spring, and having up to date sowed 225 acres of wheat in 20 days, without spending a cent for repairs, we would pronounce it a well-made, easily handled, light running, first-class drill. The wheels are just what is needed in this dry climate. One hundred and fifty bushels of wheat sown was just as it came from the threshing machine.

Yours, etc.,

SHELDON & ELLINWOOD.



HOPPER END.

**With Lever Dropped, ready to slip on larger or smaller change gear,
as may be desired.**

We have a land surveyor, or measure on this 1888 drill, that operates like clock work ; one hand completing the circle for every acre sown, and marking every one-twelfth of an acre. The acre hand making 12 acres in completing the circle and marking from one-fourth acre up.

☞ This Measure is Correct. ☞

INDIANA.

MOORES HILL, Decatur Co., Ind.

GENESEE VALLEY M'f'g Co.—GENTLEMEN: The drill does excellent work. It has no equal in this part of the country. As to lightness of draft and continuous delivering of seed and fertilizer and convenience it is ahead of all others. In amount of both seed and fertilizer it drills just what it is set for. It is gaining a well earned reputation. The farmers are finding the drill out and from now on it will sell on its own merits. The trade next year promises to be fair now that I have got the Missouri introduced.

Respectfully,

F. M. DAUGHTERS.

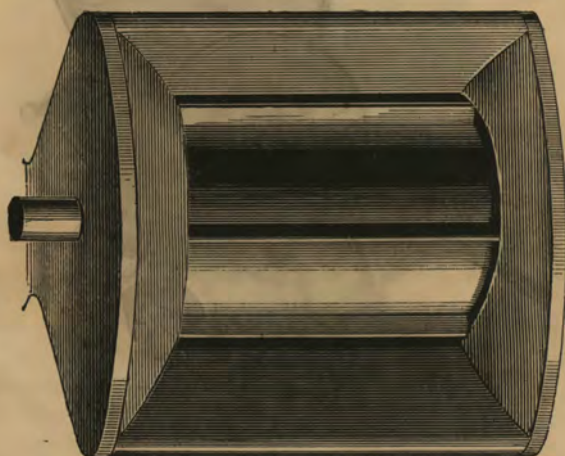
SARDINIA, Decatur Co., Ind.

GENESEE VALLEY M'f'g Co.—DEAR SIR: The combined drill that I bought of your agent, Mr. Whalen, last year, is a success. For even distribution it cannot be excelled. The draft is very light, consequently the team work before it all day with ease. The simplicity of the drill and the ease with which it is handled, will commend itself to every one who will examine it. In all the wheat sown with it, there is no bunching or uneven sowing. I can heartily recommend the Missouri to every one wanting a really first class drill.

JOHN GANT.

THE ROYAL

The Perfection of



Fertilizer Feeders.

Is a new fertilizer attachment to the Missouri Grain Drill. This feeder has been under two years' trial, the test having been made by some of our most experienced agents and their customers, and found to work to their satisfaction with the very worst and most difficult fertilizers now put on the market, and which every other fertilizer feeder has failed to sow. It is operated with same simple gearing device as the Missouri Feed. Each feeder being separate from the others, can be quickly removed and cleaned by drawing out a shaft. The cylinders are provided with five steel feeder bars, cut V shape on each end, and guided by a cam. These bars are forced out and in as they revolve, and are entirely drawn into the cylinder on the under or bottom side, where there is a steel bar to keep cylinders scraped clean when working sticky fertilizers.

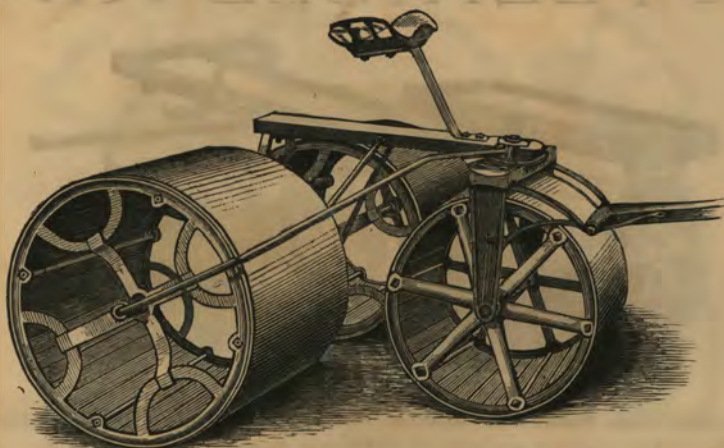
Much time has been spent experimenting with this **MOST ROYAL FEEDER**, and we are glad to be able to say to our trade that at last we have found a feeder that will sow those gummy, sticky fertilizers that have so long tried the patience of the farmer, who, on returning from his dinner to the field, has found his drill completely glued fast.

TRY THE ROYAL.

And now, having two of the best Fertilizer Feeds, the **MISSOURI** and **ROYAL**, we come to you with all confidence, and say that we can sell you the most complete Grain and Fertilizer Drill built in the **UNITED STATES**, none so light of draft or easily handled. We furnish the Missouri Grain Drill with either fertilizer feed, Missouri or Royal, as preferred by the purchaser.

Send for Catalogue and Prices.

PARSON'S SELF-ADJUSTING LAND ROLLER.



This Roller is so adjusted by hinges as to adapt itself to the most uneven ground, whether ridge or dead furrow.

It Covers all the Ground—8 feet sweep; No Weight bears on the Horses' Necks:
Can be Turned as Easily as a Wagon.

THE GENESEE LAND ROLLER.

PRICES TO CORRESPOND
WITH THE TIMES.

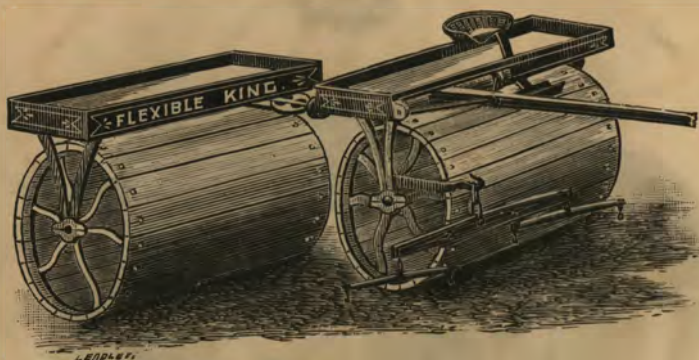


VERY POPULAR.

MADE OF THE BEST MATERIAL.

30 INCHES DIAMETER—8 FEET SWEEP.

THE FLEXIBLE KING.



Since it has become a settled fact that the practical farmer cannot dispense with the Land Roller, it has been the study of agricultural implement manufacturers and inventors to bring out a flexible Roller that will meet the demands and possess merits. Up to the date of the introduction of the FLEXIBLE KING, each and every effort has been a failure from one cause or another. In one the side draught is discovered, that makes the common roller a HORSE KILLER. In another it has the same rigid pole that makes it out of balance, either up hill or down, and is constructed to turn only one way. Another leaves a strip varying from three to five inches between the sections unrolled. It also lacks facilities for loading, and its expensive construction, in a great measure makes many farmers conclude they better plod along with the old kind, with its many objectionable features.

Passes over stones, sods, and all uneven surfaces without the pole striking either horse, and can be turned around to the right or left easily in twice the length of the roller.

There is no more weight upon the horses' necks, either up hill or down, than a carriage or sleigh, and can be operated upon any moderately level field with the use of pole straps in place of neck yoke.

The Roller laps in the middle 4 inches, and consequently leaves no strip unrolled even in turning sharp corners, or driving lengthwise of dead-furrows or back-furrows.

Very many who have given it a thorough trial declare it draws 50 per cent. easier than the common roller of the same weight, which is explained by its flexibility and its adapting itself to all uneven surfaces.

Scores of testimonials relative to all we claim for it might be printed. But instead we propose to let the Roller speak for itself.

By the use of the Flexible Roller more of the surface is rolled by once going over the field than by cross rolling with the common roller, to say nothing of the saving in time and horse-flesh.

GENESEE VALLEY M'F'G CO.

TAILORS' IRONS.



No. 10
2½x8½

No. 12
2½x8½

No. 14
2½x9½

No. 16
3½x9½



No. 20
3. 5-16x10½

No. 24
3½x11

No. 26
3½x11.5-16

No. 28
3½x11.5-16

No. 22
3½x10½

No. 18
3½x10½

TAILORS' SMOOTHING IRON.



Lbs. 14, 16, 18, 20, 22, 24.

In addition to the Tailors' Iron (Goose) and Sad Irons, which we now manufacture, we have added a Tailors' Smoothing Iron. This iron is very popular with the clothing trade.

SAD IRONS.



No. 6

No. 5

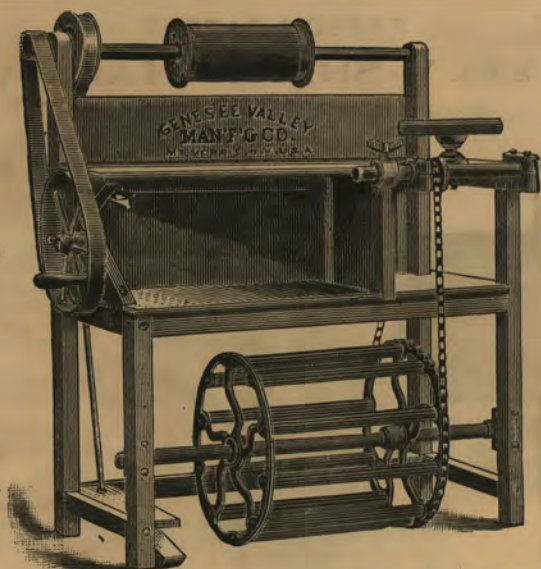
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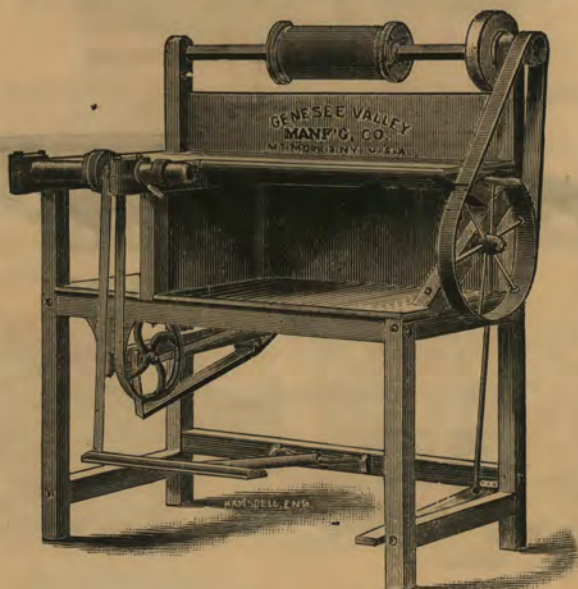
No. 7

Sad Irons from five to nine pounds each. All our Irons are put through a lathe, which gives them a perfect face, and a value of half a cent per pound more than those that are ground only.

 The numbers under the above cuts indicate the weights in pounds of the Irons. The figures, as "2½x8½" the size of the face of the Tailors' Irons.



SQUIRREL BROOM WINDER.



TREADLE AND RATCHET BROOM WINDER,
And a General Line of Broom Machinery.

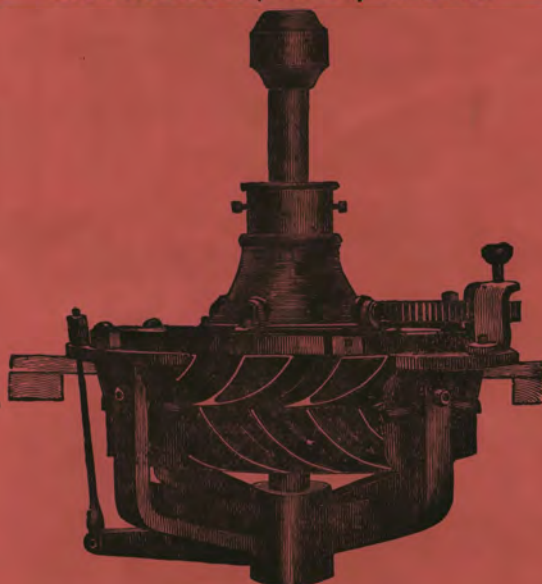
THE GENESEE VALLEY MFG. CO.

(SUCCESSORS TO BODINE MANUFACTURING CO.)

MANUFACTURERS OF

The Bodine Jonval Turbine Water Wheel,

MT. MORRIS, N. Y., U. S. A.



MANUFACTURED FROM 12 TO 72 INCHES IN DIAMETER.

Guaranteed to give power equal to any wheel now made. We also manufacture mill gearing, shafting, pulleys, etc.

We copy one of the many testimonials received. This from one of the most extensive milling companies in the United States:

MINNEAPOLIS, MINN., May 19, 1887.

GENESEE VALLEY MFG. CO.—Gentlemen: After considerable experience with other styles of water wheels, we concluded, on recommendation of our foreman, Mr. F. L. Phinney, who had used your wheel in the east, to try one, and accordingly ordered and put to work one 40-inch in our feed mill at Anoka, Minn. The performance of this wheel led to the purchase of one 72-inch to drive our planing mill. After using and thoroughly testing these for several years, we last year ordered three 72-inch wheels to operate our Lincoln flouring mill at Anoka. All are now working to our entire satisfaction. The head used is from eight to ten feet. We do not know how to express our appreciation of the real excellence of your wheels in stronger terms than by stating the foregoing facts.

Very truly yours,

THE WASHBURN MILL COMPANY.

D. W. HALE, Treasurer.

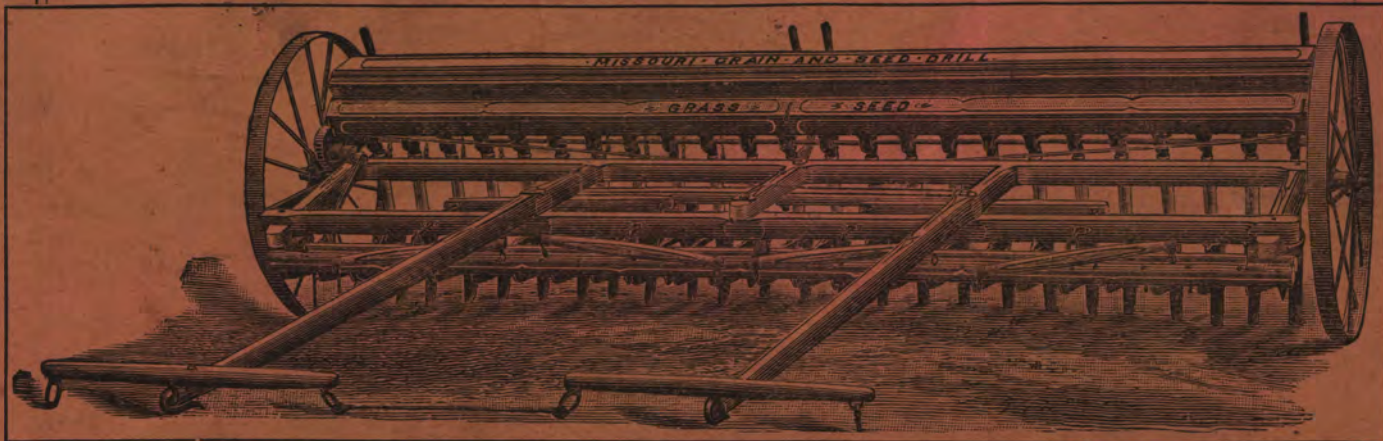
JULY, 1888. D. W. Hale says: "We use the 60-inch wheel sent us in 1887 under ten foot head. It carries everything we put on it, and has power to spare. Gives entire satisfaction."

H. BOGET, of same mills, says: "The wheel runs one set of Feed Rolls, one run of stone, with four Reel Chests, one Corn Sheller, one Sconner and Buckwheat Huller. Drives two receiving elevators—one 12-inch belt and one 16-inch belt. Sometimes five Flour Sackers, Car Pullers, and pump for street sprinkling purposes. Plenty of power unused."

THE MISSOURI GRAIN AND FERTILIZER DRILL

IS USED EXTENSIVELY IN DAKOTA.

IS BUILT WITH 15, 19 and 24 HOES, FOR 2, 3 and 4 HORSES, COVERING 9, 11 and 14 FEET, AND SOWING FROM 25 TO 40 ACRES PER DAY.



Awarded Diploma at Dakota Territorial Fair, Fall of 1886,

AND AT BOTH THE

Northern and Southern Territorial Fairs, Fall of 1887.