

ALME
Pulverizing
Harrow.
LOD RUSHER & LEVELER.

Nash & Bro. MANUFACTORY &
PRINCIPAL OFFICE
MILLINGTON N. J. U. S. A.
BRANCH OFFICES
HARRISBURG AND 44 SUMNER ST.
P. A. LONDON S. E.

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This book CONTAINS TESTIMONIALS from
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121
"ACME"

PULVERIZING HARROW,

Clod Crusher *and* Leveler.

*"The soil can never be exhausted as long as it exists; and its wealth"
"remains for the farmer's use if he has the key with which he can"
"unlock the coffers in which it is stored."*

*"The judicious use of a good Pulverizing Harrow in the prepara-"
"tion of the soil before planting will increase the yield from five to ten"
"dollars per acre."*

NASH BROTHERS,

Sole Manufacturers,

MILLINGTON, MORRIS CO.,

NEW JERSEY.

Branch Office: HARRISBURG, PA.

➤:NOTICE:➤

THE Harrows described in this pamphlet have been brought to their present state of perfection only after years spent in experimenting and a large expenditure of money.

Royal Letters Patent have been granted, which fully protect the owners thereof in the enjoyment of their rights, and the public are hereby warned against making, selling or using Infringements of said Patents.

The manufacturers possess ample facilities for supplying the demand, and are prepared to furnish them at as low a price as is consistent with the high state of perfection attained. There is, therefore, no reason why farmers should allow themselves to be imposed upon by worthless imitations which may infringe our Patents.

Further information as to Patents cheerfully furnished by the undersigned.

F. NISHWITZ, Patentee.

NASH & BROTHER,

Manufacturers.

*Millington,
Morris Co., N. Y., U. S. A.*

❖ "ACME" ❖

Pulverizing Harrow, CLOD CRUSHER AND LEVELER.



This invention, the production of Mr. Fred'k Nishwitz, the original inventor of the Disk or Wheel Harrow, is the result of a long series of experiments, in which he became convinced that the Disk Harrow is adapted only to superficial pulverization. Being himself a practical farmer, as well as mechanic and inventor, and feeling the need of a thorough pulverizer in his own farming operations, he conceived the plan of combining a Clod Crusher, Leveler and Harrow in one implement.

His success has been truly marvelous, as is shown by the result, viz.: the production of an implement which

**Weights much less than other Pulverizing Harrows, Sells about
One-Third Less, and withal Does the Most
Thorough Work of any.**

The "ACME" has been subjected to the most thorough practical tests in America and Europe, and its widespread popularity establishes beyond doubt the claim that it is adapted to a great variety of soils, and is indeed the best implement of its class yet produced. In fact it is the only Pulverizer combining a

Clod Crusher, Leveler and Harrow,

performing the three operations at one time, and is believed to be the only one yet offered that will do its work thoroughly on all kinds of ground, leaving the soil in a light, loose condition, just as the farmer desires to have it.

While it is invaluable for all purposes where a Harrow is needed, it is

Peculiarly adapted to Hard Clay and Inverted Sod,

and to ground which has become packed and baked after plowing, as well as to leveling uneven land.

The Sulky attachment, which has now been thoroughly tested on many different farms in all parts of the world, entirely overcomes the objections which have heretofore existed to the use of this Harrow on light soil when weighted with the driver. By means of this attachment a heavy man may ride in all kinds of work and in all conditions of soil, without unduly taxing the team.

❖DETAILED DESCRIPTION.❖

The accompanying illustrations give a clear idea of its construction and peculiar features; but, as an aid to the proper understanding of these cuts, we submit the following description:

CRUSHER AND LEVELER.

As will be seen by reference to illustrations on pages 6, 8, 9 and 10 an adjustable, inclined *leveling bar* and *clod crusher* is provided, which is permanently attached to the pole. It consists of a strong bar of angle iron, to which are attached cast steel crushing spurs, the alternate ones being extended and curved in such manner as to form the front coulters. These are not placed continuously on the bar, but at a little distance apart, which arrangement, while it in no way diminishes the efficacy as a crusher and leveler, tends to prevent clogging in damp, sticky soil, and furthermore, enables the driver to see what is being accomplished. Perhaps a clearer idea of this part of the Harrow would be given by saying that the crusher and leveler is simply an upward and forward extension of the front coulters, with a supplemental crushing spur thrown in between each pair of coulters. It will be found to be a most ingenious and efficient device. Being rigid, it does not conform to uneven surfaces, but, on the contrary (owing to the absence of yielding joints), tends to **conform (level) uneven surfaces to itself**, and serves to grind down the lumps. The adjustable crushing and leveling device is worth the price of the Harrow.

TOOTH BAR.

To the rear of the Crushing and Leveling Bar is hinged a Tooth Bar, which is provided with another series of

CAST STEEL COULTER TEETH.

These Coulters are made of the best quality of cast steel (manufactured expressly for the purpose), are curved and beveled to a sharp edge, are polished, and are set at an angle with the line of draft and also at an angle with the horizon.

Their peculiar form and the manner of their attachment to the implement, in double rows with reverse curves, secure a **right and left, intersecting, uplifting under-cut**, which produces wonderful effect, insures the cutting over of the entire surface of the ground, and at the same time lifts and turns the soil.

Thus the soil is subjected:

First.—To the action of the Crusher and Leveler.

Second.—To the Cutting, Lifting, Turning process of double rows of Steel Coulters.

It is believed that by this process more thorough work is accomplished in passing over the ground twice than other Harrows accomplish in four passages, and not only are time and labor saved, but the peculiar form and action of the Coulters in combination with the Leveler avoid packing of the soil.

EASILY MANAGED.

A Lever within reach of the driver, which is held in position by means of a Ratchet, enables the operator to control the position of the Crusher, and at the same time raise or depress the Coulters to regulate the depth of work, so that any boy competent to manage a team can operate the Harrow with ease. A SEAT is provided, so the operator may ride when working on soil not too mellow. In some soils a man's weight is not too much; in others, that of a boy will be found sufficient; in others still less weight in the seat will answer; in very light, mellow soil the implement alone will be found heavy enough to do thorough work.

DURABILITY.

It is constructed entirely of Cast Steel, Wrought Iron and Wood, not an ounce of Cast Iron being used in the working parts.

The Coulters are beveled and ground on the outside of the curve. The wear is entirely on the inside of the curve (the opposite side to the bevel), and they are therefore in a measure "**Self-sharpening.**" They can be readily "drawn out" by a blacksmith in a short time, or ground; and if occasionally sharpened in this way they will last a long time in ordinary soil.

NO JOURNALS OR OTHER WEARING POINTS. SIMPLICITY.

There are no "traps" liable to get out of order, and nothing but what any blacksmith can readily repair.

LIGHT WEIGHT.

Owing to the class of material (Steel, Wrought Iron and Wood), the greatest strength is secured with the lightest possible weight.

WILL IT PAY?

The profit derived from the use of the "Acme" is not alone in the saving of labor and time, but in the thoroughness of the work accomplished by it. It is well known that

THOROUGH PULVERIZATION PAYS

by increasing the yield, and without doubt the Acme Harrow will pay for itself on any ten-acre field in the saving of labor and in the increase of the crop.

WHAT IS IT USED FOR?

This question is fully answered by the following

EXTRACTS FROM TESTIMONIALS

from practical farmers, which will be found entire in the pages devoted to testimonials, accompanied by the post office address in each instance:

"We have been plowing **Corn on Green Sward** that was harrowed by the Acme, which had done its work so well and left the land so light that one furrow with the plow was found sufficient between the rows."

"It **worked the Sod** so fine that I ventured to **sow Oats**, and they are growing finely."

"I used it for **Cross Harrowing my Corn Ground**, and find that it **does not tear up the Sod.**"

(Extracts continued on page 8.)

"ACME" Pulverizing Harrow, Clod Crusher and Leveler.

No. 6.

REAR VIEW



NOTE.

Numbers 7, 8 and 9 are the same style as No. 6, the only difference being in size and capacity.

SEE OPPOSITE PAGE.

DOUBLE GANG, FOR TWO HORSES.

No. 6.

DOUBLE GANG.

FOR TWO HORSES.

(Illustrated on page 6.)

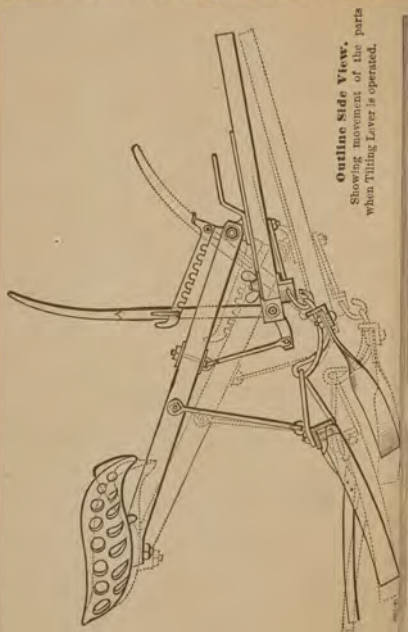
Has two **WROUGHT** iron angle bars. The front bar is provided with ten curved **CAST STEEL** Coulters, supplemented by nine flat **CAST STEEL** Crushing Spurs; the rear bar also has ten curved **CAST STEEL** Coulters, and these are provided with **CAST STEEL** wings, which help to turn the soil, and assist materially in accomplishing its thorough pulverization. All of the front Coulters turn to the left, while all of those on the rear bar turn to the right; thus no ridge is left in the center, as is the case with many other harrows. The ends of the rear Coulters, which curve to the right, are nearly in line with the ends of the front Coulters, which curve in the opposite direction. By this arrangement the whole surface of the ground is **CUT, LIFTED,** and **TURNED**, which very valuable feature is peculiar to the "ACME," and cannot truthfully be claimed for any other harrow in the market. This style is made entirely of **CAST STEEL** and **WROUGHT IRON** (excepting the tongue and seat), and will work on moist soil without clogging. It works about six feet wide and weighs about 170 pounds.

No. 7—Double Gang—For Three Horses—is the same style as No. 6, but has twenty-four **STEEL** Coulters and eleven **STEEL** Crushing Spurs (see pages 11 and 12). Works over seven feet wide. Weighs about 200 pounds.

No. 8—Double Gang—For Four Horses—consists of two No. 6 harrows coupled together (see pages 13 and 15). They may be uncoupled and used separately, if desired. Works about twelve feet wide. Weighs about 350 pounds.

No. 9—Double Gang—For Six Horses—consists of two No. 7 harrows coupled together (see pages 14 and 15) in the same manner as No. 8. Works over fourteen feet wide. Weighs about 420 pounds. @

"ACME" Pulverizing Harrow,



Outline Side View.
Showing movement of the parts
when Tilting Lever is operated.

Clod Crusher and Leveler.

(Extracts continued from page 6.)

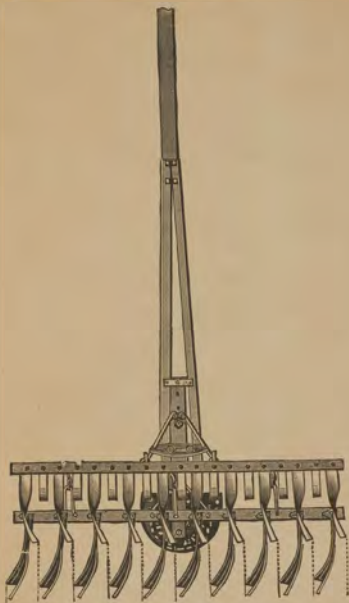
"On a piece of old meadow, **awful tough Sod**, the common Harrow only made scratch marks, and the Acme made the land all fine to a depth of three or four inches."

"Have worked it on flat ground plowed last Fall, which had **not been plowed for thirty years**. Going over it both ways, it **cut it up like an ash heap**."

"Used it on **Blue Grass Sod** that had not been plowed in nineteen years. The ground was thoroughly pulverized to a depth of three to four inches."

"On a **stiff inverted Sod**, not broken in nine years, the soil was reduced to a fine tilth full three inches deep."

(Extracts continued on page 9.)



View of Under Side of No. 6.

A careful examination of the arrangement of the Coulters will show that the entire surface of the ground is cut over as shown by dotted lines.

(Extracts continued from page 8.)

"One piece of **heavy clay bottom** land, which was plowed when the land was too heavy and wet, was the severest test given the machine. The clods had become sun-baked, and were as hard almost as bricks. By passing the harrow over it the third time it was placed in good order for planting."

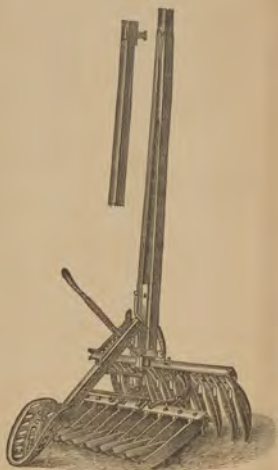
"Where it shows its great superiority over other harrows is in **heavy clay soil**."

"I have used it on **soil so heavy** that an ordinary harrow would hardly make an impression; by giving it a few strokes (with the Acme) the hard lumps were transformed into a mellow soil fit to receive any crop."

"In a **boggy meadow** it thoroughly cut and pulverized the ground."

"We found that passing the implement over twice not only **broke** and **crushed** the **lumps**, but it **pushed** and **deposited** them in the **hollows** and depressions, so that the beds looked as smoothly made as if done with spade and hoe."

(Extracts continued on page 10.)



View of No. 6 when folded up.

It will be seen that when thus Folded but little space is occupied.



Side View of No. 6.

(Extracts continued from page 9.)

"I plowed **corn land very wet**, went over it twice (with the Acme), and made nice work."

"I broke up a piece of **Prairie Sod**, worked it down with the Acme so that a person could not tell whether it was old or new ground."

"I used the Acme, **backsetting** a piece of tough **Prairie Sod**, which I was going to let lie this Summer to rot. The sods were smoothed down, leaving a good seed bed."

(Extracts continued on page 12.)

"ACME" Pulverizing Harrow, Clod Crusher and Leveler.

No. 7.



Rear View.

DOUBLE GANG, FOR THREE HORSES.—See Pages 7 & 12.

(Extracts continued from page 10.)

"I tried it on **'slough grass'** Sod, passing over it twice. A fine growing **crop of beans** attest the quality of the work."

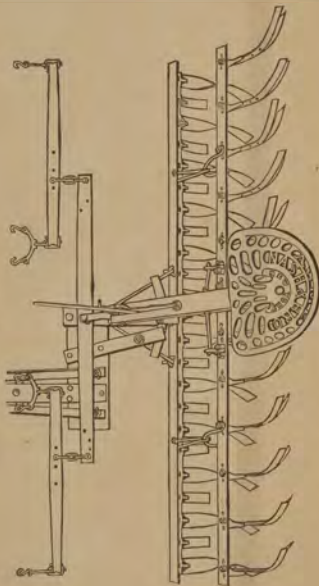
"I tried it on **overflowed land, very cloddy**, Three passages with the Acme left a perfect seed bed four or five inches deep."

"On **limestone land, very hard**, it pulverizes finely by passing over it twice."

"We used it on **stiff clay, very stony**, and it gave good satisfaction."

"ACME" Pulverizing Harrow, Clod Crusher and Leveler.

No. 7.



Showing Method of Attaching Evener and Whiffletrees for Three Horses.

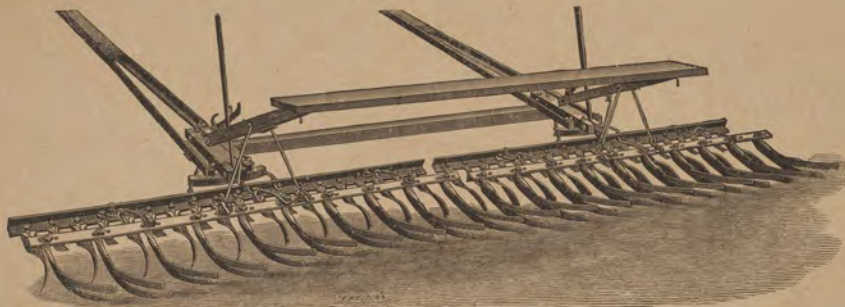
"We have had no Winter freezes, and, to use a common expression, the soil, from continued and heavy rains, had **'run together,'** with **surface hard and crusted**. I ran the 'Acme' over it twice, and sowed clover in as well prepared seed bed as I ever saw in a garden."

"I have done a great deal of work with it in **preparing corn land**. If the land is in the right condition for working, no matter how rough or cloddy, the Harrow puts it in splendid condition for planting."

(Extracts continued on page 15.)

"ACME" Pulverizing Harrow, Clod Crusher and Leveler.

No. 8.
REAR VIEW.



DOUBLE GANG, FOR FOUR HORSES.
(See Page 7.)

"ACME" Pulverizing Harrow, Clod Crusher and Leveler.

No. 9.

REAR VIEW.



DOUBLE GANG, FOR SIX HORSES.

(See Page 7.)

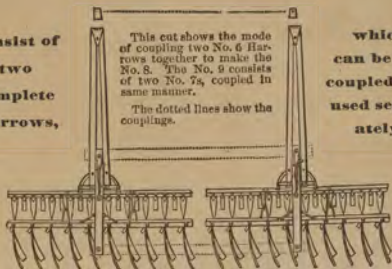
SIZES Nos. 8 and 9.

Consist of
two
complete
Harrows,

This cut shows the mode
of coupling two No. 6 Har-
rows together to make the
No. 8. The No. 9 consists
of two No. 7s, coupled in
same manner.

The dotted lines show the
couplings.

which
can be un-
coupled and
used separ-
ately.



Work Twelve and Fourteen and a Half Feet Respectively.

(Extracts continued from page 12.)

"I find it has a tendency not only to **crush lumps** but to **bury small stones.**"

"I put it to work on **dry, hard clay lumps** taken from my barn yard and spread on a field. One hour's trial on this and some other lumpy places convinced me it was the best tool for the purpose I ever saw."

"I had a piece of clay ground which was the **lumpiest piece I ever saw.** I put one of your harrows on it, and after **going over it once or twice** it was almost as **mellow as an ash heap.**"

"It is the best tool to **cut up thistles and weeds** on land that has been plowed some time that I have ever seen."

"It is a great **destroyer of weeds and thistles.**"

"The 'Acme' has proved a **perfect success.** I have used it on **rough, soddy, stony ground.**"

"I never saw a better tool. I used it very severely on a five-acre piece of **old pasture**, and full of small stones at that."

"It **levels** the land perfectly."

"It is a perfect tool for **leveling and pulverizing**, and leaves as light and loose a seed bed as any farmer can ask."

"Used it in **black bottom** ground, that very few plows will scour in, but the Coulters kept clean and bright."

"For **tobacco ground** there is no implement better."

"I used it in my **peach orchard**, and it did its work well."

"It is the best implement to **cultivate orange groves and fruit orchards** that has been introduced here in California."

"I find it very **handy to cover potatoes** with by furrowing out and running the 'Acme' over after they are dropped."

"I have used it as a **road scraper**, and I can do better work than any road scraper in the country."

"It brought the ground in fine condition, making a perfect seed bed for **beets.**"

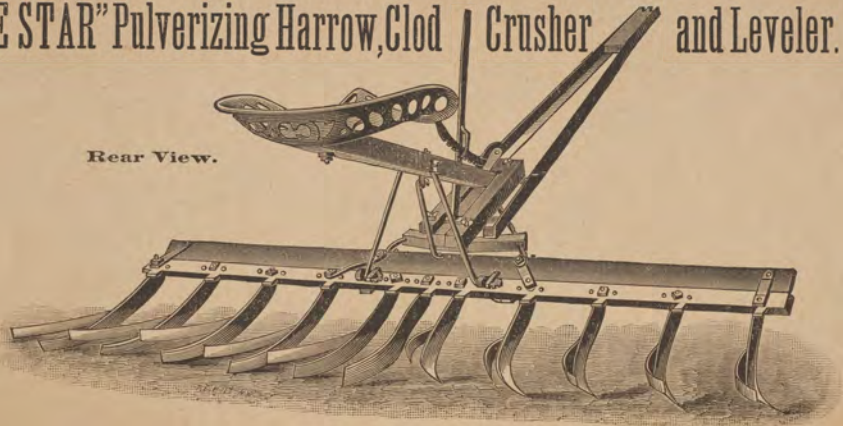
"I have used the 'Acme' for all work, even to lay the seed bed for my garden."

"It will **cover sowed corn and peas** perfectly, where a common harrow will not cover half of them."

"It **pulverizes corn stubble** thoroughly without previous plowing, making an excellent seed bed for oats."

"THE STAR" Pulverizing Harrow, Clod Crusher and Leveler.

Rear View.



SINGLE GANG, FOR TWO HORSES.

(See opposite page.)

«THE STAR» PULVERIZER.»

Single Gang.

FOR TWO HORSES.

This is a modification of the No. 1 Harrow, the style first brought out by us, (see page 19)—a steel leveler and wrought iron frame having been substituted for wood and the split coulter used in place of the old solid one, which would, under some circumstances hold moist soil. The old No. 1 was warranted as the best on earth, and such it was at that day, but it manifestly cannot be so warranted now, in view of the fact that the No. 6 "Acme," with double gang of coulters certainly does finer and better work. The "Star" is, however, warranted as to material and construction.

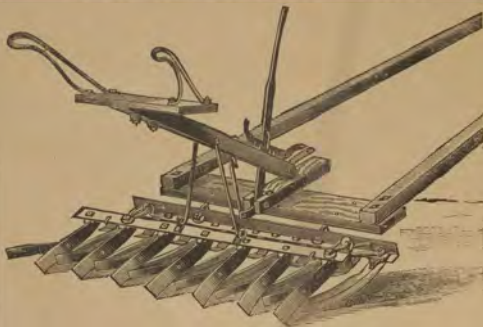
The crushing and leveling device is substantially the same as in the double gang harrows, and when used with average intelligence is wonderfully effective.

While the "Star" Single Gang Harrow must not be expected to do as thorough work as the double gang style, it far excels any other harrow in the market (of approximate cost) both in thoroughness of work and in ease of management, as well for the driver as for the team. It is intended to meet the wants of those who are willing to sacrifice utility to cheapness, or whose means compel them to do so.

By reference to the cut on opposite page, it will be seen that the "Star" consists of a wrought iron angle bar to which are attached ten coulters, exactly the same in size and weight as those used on the rear bar of the double gang harrows, but differing from them in that one-half of these turn to the right and the other half to the left. The space in the center is worked by an additional coulter of peculiar construction, which very thoroughly accomplishes its object. A steel plate is bolted to this angle bar in such manner as to present an inclined surface to the ground. The degree of inclination can be readily adjusted by the lever to suit varying circumstances. The tongue, seat and ratchet are the same as in the double gang harrows, and their manner of attachment is almost identical.

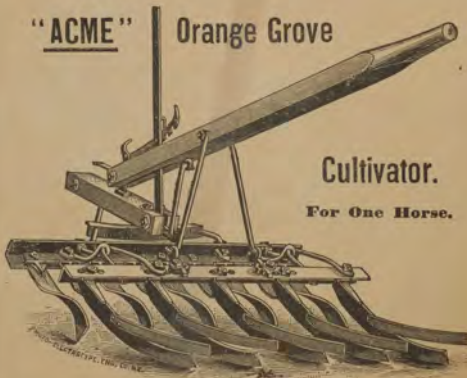
As with the double gang harrow, the sulky attachment will be necessary in order to permit of the driver riding in very soft soil or when doing any kind of work in which much depth is objectionable. Provision is made for the use of this attachment with the "Star" Single Gang Harrow when desired.

For price, see page 23.

Size A. Double Gang. For One Horse.

It is exactly like the larger sizes in principle, such modifications only being made in its construction as were necessary to adapt it for use with one horse. No seat is provided, but in its place is a handle for use in turning the Harrow at the end of the row in orchards, vineyards, &c. This size seems to meet the needs of the smaller class of farmers.

The draft in certain conditions of the soil is rather heavy for one horse, but this objection seems to have little weight with those who use this size, in view of the very thorough work done by it, in moving the entire surface of the ground and thus thoroughly eradicating weeds of all kinds. For price, see page 23.

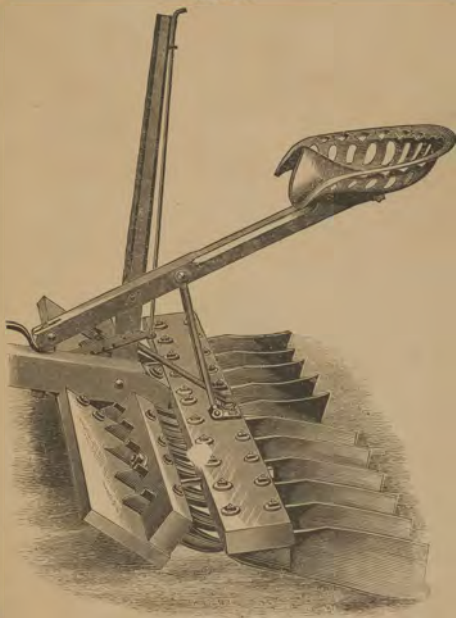
"ACME"**Orange Grove****Cultivator.****For One Horse.**

Though originally especially built for use in Orange Groves, it is equally well adapted for vineyards and other purposes. For price, see page 23.

“ACME”

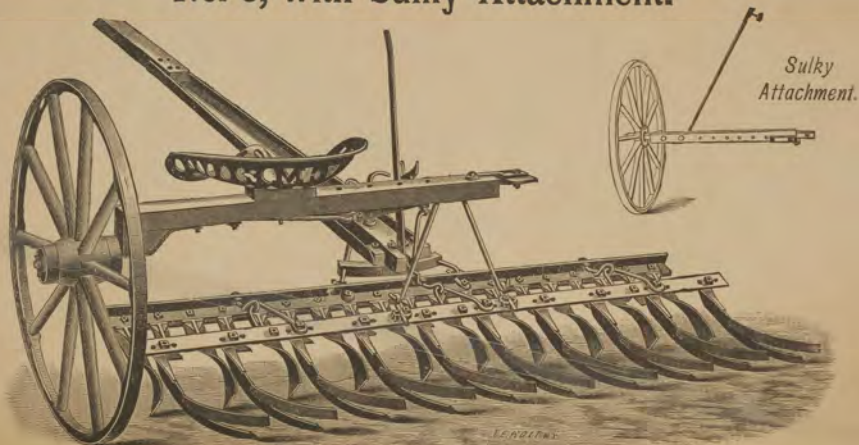
Pulverizing Harrow, Clod Crusher and Leveler

No. 1.



The above cut represents the “Acme” as originally brought out. A comparison with our latest No. 6 Harrow will show the great improvements that have been made in its construction. We no longer build this style, nor have we, for several seasons, illustrated it in our pamphlet. We have thought best to do so now, however, to the end that the public may be the better able to recognize the limitations of it now offered in the market.

No. 6, with Sulky Attachment.



THE SULKY ATTACHMENT.

While a short experience in the use of the "Acme" Harrow showed that for the reduction of tough sod or very hard soil, a man's weight would be necessary to accomplish thorough work, it became equally apparent that the Harrow could not be so weighted in light soil, nor in doing certain kinds of work, such as covering grain, cultivating orchards, etc., etc., as in the one case the grain would be put in too deep, and in the other the roots of the trees would be liable to injury. In light soil the difficulty arose from the draft being so much increased by the excessive and entirely unnecessary depth to which the harrow was forced when so weighted.

For these reasons the "Acme," when first introduced, was only intended for use on stubborn, clay soil and tough inverted sod,—in fact, that was mainly the inventor's idea in perfecting it, as he well knew that there would be a large demand for such an implement, even though the draft should be quite heavy. He did not *then* think the "Acme" would supersede the Spike Tooth Harrow in light soil, but experience has taught that the "Acme" is a very valuable tool even on the lightest soil, because of the fact that it cuts over the entire surface, thus very thoroughly destroying weeds. It was found that farmers who originally purchased the Harrow for use on stubborn soil were using it also on light soil (having quickly recognized the great value of the thorough pulverization it effected), notwithstanding the fact that they had to walk. But after once having done their harrowing, sitting in a comfortable seat, they did not take at all kindly to walking in the old fashioned way, and consequently demanded a modification or improvement which should enable them to ride when doing all kinds of work on all kinds and conditions of soil.

To meet this very reasonable want, Mr. Nishwitz devised the Sulky Attachment, a cut of which will be found on page 2 ge number of them have been sold the past season, and the universal report is that it solves the problem in the completest manner.

By reference to the cut, the construction of this attachment and the method of coupling the Harrow to it will be readily understood. But one wheel is used. The seat is adjustable, and by changing its position on the axle more or less of the driver's weight may be shifted from the Harrow to the wheel, as circumstances may require.

This attachment is very simple in construction, consisting of three pieces only, viz.: an axle, a wheel and an iron brace. The Harrow can be easily attached to it and as easily detached. Its action, however, is so extremely satisfactory that a farmer who once uses it will hardly be inclined to remove it.

It can be attached to any of our No. 6 and No. 7 Harrows by simply substituting an eye bolt for the plain one in the end of the seat support. Any farmer can do this without the aid of a smith or mechanic.



PRICES ON CARS AT FACTORY OR AT DISTRIBUTING DEPOTS.

We have distributing depots at present at the following points (but ALL COMMUNICATIONS SHOULD BE ADDRESSED DIRECT TO HOME OR BRANCH OFFICES): New York City, Mt. Vernon, O., Pittsburg, Pa., Jackson, Mich., Chicago, Ill., St. Louis, Mo., Kansas City, Mo., Minneapolis, Minn., Louisville, Ky., and London, England, and we deliver free on board at any of these points while we have stock there, but we reserve the right to change or discontinue any or all of these depots, at our discretion.

No. 6. Double Gang, for **two horses** (see page 6). Has twenty curved cast steel Coulters, of which those on the front bar turn to the left and those on the rear bar to the right, in such manner that the entire surface of the ground is cut over and no ridge is left in the center. The rear coulters are provided with steel wings. Works about six feet wide. Weight about 170 lbs. - - - - - **Price, \$25 00**

No. 7. Double Gang, for **three horses** (see page 11). Has twenty-four curved, cast steel Coulters and is constructed on same plan as No. 6. Works about seven and one-quarter feet wide. Weight about 200 lbs. - - - - - **Price, \$29 00**

No. 8. Double Gang, for **four horses** (see page 13). Has forty curved, cast steel Coulters. It consists of two No. 6 Harrows, coupled together (they may be uncoupled and used separately, if desired). Works about twelve feet wide. Weight about 350 lbs. - - - - - **Price, \$51 00**

No. 9. Double Gang, for **six horses** (see page 14). Has forty eight curved, cast steel Coulters. It consists of two No. 7 Harrows coupled together (they can be uncoupled and used separately if desired). Works about fourteen and a half feet wide. Weight about 420 lbs. - - - - - **Price, \$59 00**

Size A. Double Gang, for **one horse** (see page 18). Has fourteen curved, cast steel Coulters, and is constructed on same plan as No. 6, but has no seat. Works about four feet wide. Weight about 130 lbs. - - - - - **Price, \$24 00**

Acme Orange Grove Cultivator. Double Gang, for **one horse** (see page 18). Has ten curved cast steel Coulters, and is constructed on the same plan as No 6, but has no seat. Works three feet wide. Weight about 75 lbs. - - - - - **Price, \$16 00**

"The Star." Single Gang, for **two horses** (see page 16). Has eleven curved, cast steel Coulters. Works about six feet wide. Weight about 120 lbs. - - - - - **Price, \$20 00**

Sulky Attachment, for either No. 6, No. 7, or "Star" - - - - - **Price, \$5 00**

Note.—The above prices do not include whiffletree and neck yoke, which are never sent unless specially ordered.

Whiffletree and Neck Yoke, two horse - - - - - **Price, \$3 00**

Whiffletree and Neck Yoke, three horse - - - - - **Price, \$4 00**



WARRANTY.

We hereby warrant each and every part of each and every "**Acme**" or "**Star**" Harrow against breakage for the term of one season after it leaves the manufactory or any of our storehouses, and our agents are authorized to furnish free new parts to replace broken parts ; the only stipulation being, that the farmer demanding such parts shall sign a statement that the breakage occurred in fair usage, which statement shall be countersigned by the agent or dealer from whom the Harrow was purchased.

Each "**Acme**" Harrow is warranted to be capable of doing good work in the hands of a competent manager. The "**Star**" Harrow is warranted to do good work, but not so good as the "**Acme**" for the reason that it has but one row of Coulters, and consequently does not cut over the entire surface of the ground. A half-day's trial of either style will be allowed before settlement. If any defect is discovered, immediate notice must be given to us or our agent, and sufficient time allowed for putting in order ; if then the Harrow prove permanently defective, the money will be refunded or a new one furnished, at the option of the purchaser. Continued possession of the Harrow will be evidence of satisfaction.



NEW JERSEY, PENNSYLVANIA, DELAWARE and MARYLAND.

NEW JERSEY.

474 ALLENDALE, BERGEN CO., N. J., Nov. 7, 1882.
MR. A. Z. WINTER: The "Acme" Harrow I purchased from you will do more and better work in passing over the ground once than the ordinary harrow will in three times. If I could not get another like it, would not take one hundred dollars for it; and cannot say too much in favor for the harrow. Yours,
(Signed) JOHN L. YEOMEN.

475 SADDLE RIVER, BERGEN CO., N. J., June 8, 1880.
Gents: I plowed a piece of land last fall, some part of which was wet lowland, clay soil, while other was gravel, and some loose and somewhat sandy. Having tried the "Acme" (after using an iron tooth harrow over the ground four times), I found that the "Acme" would no more in passing over twice, I therefore bought me an "Acme," and I think that it is a good thing. Yours, &c.,
(Signed) CORNELIUS D. ECKERSON.

476 HACKENSACK, BERGEN CO., N. J., —, —, —.
Dear Sirs: The "Acme" Harrow, which I had from you some years ago, has been in constant use on my farm. I have harrowed corn stubble with it instead of plowing, and so prepared the land for corn very quickly and cheaply, much better than by plowing, as the soil was more compact, and made a better seed bed. I have used it upon plowed ground, and greatly prefer it to any other harrow. I have used it upon poor sod ground, previous to sowing fresh seed upon it, and it pulverized the surface and mellowed it in the very best manner; and for Summer fallowing it does at one operation what the plow and harrow would both be required to do, with at least eight or ten times the labor. I consider it the most valuable implement on my farm,
Yours very respectfully,
(Signed) HENRY STEWART.

477 Later this gentleman wrote us as follows:
Dear Sirs: The "Acme" Harrow, of your new pattern, with iron frame, does excellent work. I have tried it upon Fall plowed corn stubble, which it smoothed and mellowed in the best manner; also upon a meadow which, in places, was covered with sorrel and needed a re seeding. The sorrel was torn up and the soil left in nice condition for seeding. I have also fitted a piece of corn stubble for oats with it, without plowing, in an excellent manner. It may be made to serve as a plow in this way very usefully and economically. I think it is the most useful implement I have used. The one I had from you some years ago is still in good condition and doing excellent work.
Yours respectfully,
(Signed) HENRY STEWART.

478 COLUMBUS, BURLINGTON CO., N. J., Oct. 6th, 1883.
Dear Sirs: Having seen the "Acme" Harrow used on the farm of my neighbor, Mr. THOS. B. HARVEY, and noting the more efficient work it did in pulverizing and leveling the soil than the other harrows in use, I purchased of your agent here, Peter C. Harvey. The most of my upland is a heavy loam and it takes much labor to pulverize it sufficiently well for crops with the old spike tooth A harrow. My experience of this Spring and last Fall in preparing corn and wheat ground, fully warrants me in saying that going over the ground once, with the "Acme," puts it in better order than going over twice with the common A harrow. I can conscientiously recommend it as the best harrow I have ever seen used.
Yours truly,
(Signed) R. H. PAGE, Jr.

479 COLUMBUS, BURLINGTON CO., N. J., Oct. 3, 1883.
Sirs: Your agent, Peter C. Harvey, wished my opinion of the "Acme" Harrow. I used one last Fall to harrow in some rye, and it did the work to my entire satisfaction. I purchased one last Spring and used it in light sand, and almost every kind of soil to heavy clay loam on meadow bottom; it gave entire satisfaction. Yours,
(Signed) THOMAS B. HARVEY.

480 FLORENCE, BURLINGTON CO., N. J., Sept. 8, 1884.
Dear Sirs: The "Acme" came to hand in good order. I have been using it this last two or three days, and find it does all you claim for it. It does good work, and I am well satisfied with it. Yours, &c.,
(Signed) ALFRED COUTY.

481 LEWISTON, BURLINGTON CO., N. J., Oct. 4, 1883.
Dear Sirs: I have used the "Acme" Harrow, which I purchased of you last Spring, and find it one of the best instruments I ever used to pulverize the soil thoroughly, and to put the land in first class condition for corn. I am now using it on my corn stubs to put them in a proper condition for plowing under, and find it does much better than a land roller, or any other instrument I ever used. I am very much pleased with it.
Yours truly,
(Signed) JOHN H. BURR.

482

MOORESTOWN, BURLINGTON CO., N. J., July 8, 1880.

Gents: In reply to yours of 21st, I purchased one of your "Acme" Harrows of C. P. Haines, and am much pleased with it; used it on sandy loam plowed when quite dry, some lumpy. It pulverized the ground thoroughly and broke the lumps. I like it better than Randall or La Dow Harrows; have used both. Respectfully yours,

(Signed)

WILLIAM T. LIPPINCOTT.

486

EAST ORANGE, ESSEX CO., N. J., Oct. 8, 1883.

Dear Sirs: We have used your "Acme Harrow" on all kinds of soil, and it does good work.

(Signed)

Respectfully,

A. P. and G. L. MITCHELL.

487

MANTUA TOWNSHIP, GLOUCESTER CO., N. J., 1881.

Gents: The "Acme" Harrow that I purchased of your agent, J. W. Thomas, last Spring works splendidly. I think it is the best harrow I ever used. I used it for putting in all my grain this Fall, and my wheat never looked better. I did all the work with the harrow with a boy eleven years old and saved a man's wages.

(Signed)

Yours truly,

HIRAM M. JAMES.

489

BAPTISTOWN, HUNTERDON CO., N. J., June 14th, 1880.

Gents: I used your Harrow on a piece of stiff timothy and herd grass, hard clay bottom, a boy twelve years old doing the driving, and in two passages put the ground in as good condition as could have been done with four of the common six-beamed harrows. I also used it in my peach orchard, and it did its work well. I can heartily recommend the Harrow to my neighbors and peach growers as being all you claim for it in your circulars.

(Signed)

Yours truly,

J. P. LARUE.

490

STANTON, HUNTERDON CO., N. J., Nov. 6th, 1882.

Gentlemen: The "Acme" No. 6 that I purchased of you last Spring has given entire satisfaction. The first use I put it to was to harrow in oats, which it did much better in less time than could be done with a common six-beam spike-tooth harrow. For preparing inverted sod for corn the "Acme" cannot be excelled, does not pull up the sods, but pulverizes the soil to any depth desired, and leaves the surface smoother and level. Used it in peach orchard with good results. Used it to prepare land for Winter grain. I plowed my fallow ground in August, and owing to the rush of other work it lay in this condition until October, when it had become packed by repeated rains. I put the "Acme" on it, and by passing over it twice had it in first rate condition for drilling the grain. It saved me an extra plowing. Have used the "Acme" on clayey and gravelly soils; works well in either, but is especially adapted to heavy clay soil.

(Signed)

Yours truly,

WM. P. DEMOTT.

491

ROBINNSVILLE, MERCER CO., N. J., Oct. 15th, 1883.

Gentlemen: I am very much pleased with your "Acme" harrow in every way. Have used it on heavy clayey soil, alongside of the Randall Harrow, and the result was, the "Acme" was far ahead of it, not only in cutting up the ground, but in mashing the clods. Once going over with the "Acme" will do more good than twice with the Randall. For getting wheat ground in order for seeding I would not be without it for the money it cost.

(Signed)

Yours respectfully,

JOSEPH Y. DILATUSH.

492

WOODBURIDGE, MIDDLESEX CO., N. J., Nov. 1, 1882.

Gents: The "Acme" Harrow purchased of you last June was principally used in my peach and quince orchards, to pulverize the soil, and I can say that it did the work most satisfactorily. In fact I do not expect to see another implement that will excel it in any particular. The soil was partly clay loam and partly sandy loam and was left by the harrow like an ash heap. I loaned the harrow to a neighbor to prepare a hard piece of ground for seeding, and his man, who used it, said "the ground could not have been as well fitted by any other implement that he ever saw," and he is a man who has been a farmer all of his life, and I agreed with him. I can recommend it to any farmer, and especially to arborists who desire to keep their trees in a thriving condition.

(Signed)

Very respectfully,

THOS. J. SAWYER, JR.

493

RUTGERS COLLEGE, NEW BRUNSWICK, {
MIDDLESEX CO., N. J., Oct. 23d, 1880. }

Dear Sirs: We have had the "Acme" Pulverizing Harrow on the college farm now for more than a month. When first received we used it in smoothing and pulverizing the soil for our wheat crop. The work done was of the very best kind, and the operation of the harrow perfectly satisfactory; but as the ground had been in potatoes, and the soil mellow, there was no difficulty in the performance. To-day we have tried it on inverted sod, and it works to our entire satisfaction. The weather is very dry, and the ground is hard and breaks up in lumps. But the harrow passed over the surface, breaking the lumps, smoothing the surface and leaving a fine coating of mellow soil behind it. The operation was witnessed by a large delegation from our Middlesex County Farmers' Club, and the opinion was very generally expressed that this simple, efficient and cheap instrument was a decided and valuable addition to the farmers' means of tillage.

(Signed)

Respectfully yours,

GEORGE H. COOK.

494

BARITAN, MIDDLESEX CO., N. J., Sept. 27, 1883.
Gents: I have used the "Acme" in preparing heavy ground for seed and can recommend it to farmers and gardeners as a very useful farm implement.

(Signed)

Yours respectfully,

WILLIAM MCKNIGHT.

(From A. T. THOMAS, whose farm is located at DEANS, MIDDLESEX CO., N. J.)

495

NEW YORK, Oct. 18th 1879.
Gents: I gave your "Acme" Clod Crusher and Harrow a thorough trial this Fall, in putting in twenty-five acres wheat and rye, and take great pleasure in saying the result was satisfactory. The soil was stiff clay, with some portions mixed with sharp gravel. Part had been ploughed when the ground was wet, and all had to be bedded up by back furrowing to turn off the surface water; nearly all was badly lumped by plowing when wet, and was afterwards baked hard. We found that passing the implement over the ground twice not only broke and crushed the hard lumps, but it pushed and deposited them into the hollows and depressions, so that the beds looked almost as smoothly made as though done with a spade and hoe.

A noticeable and important feature was the ease with which the team handled it—much less draft was required than with any disk harrow I have yet seen.

The wearing of the blades was slight, and in this respect I can assure you I was agreeably disappointed, as I had anticipated that the grinding away would be one of its weakest points. You need not be afraid to recommend it to any farmers having clay soil for all that you claim for it.

(Signed)

Yours truly,

A. T. THOMAS.

496

Under date of Nov. 3d, 1882, this gentleman writes again as follows:

Dear Sir: I have now used your "Acme" Harrow four seasons, beside work done with it by neighbors. The blades have worn comparatively little and it is as good as new. Soil is a clay loam mixed to a greater or less degree with flint pebbles. I have used it principally as a grader and to fine the surface when badly baked. It is an implement I should not like to be without and take great pleasure in again recommending it to farmers having soil like mine. Its use in sandy soil I know nothing of, but it cannot be otherwise than satisfactory.

(Signed)

Yours truly,

A. T. THOMAS.

497

HOPEVILLE, MONMOUTH CO., N. J., Nov. 1st, 1881.
Dear Sir: As you wish to procure testimonials of those who have purchased one of your "Acme" Pulverizing Harrows, I wish to say no farmer can afford to be without one. For preparing old sward ground it can't be beat. It will do the work of six common harrows and much better. I have put in my wheat this fall; and prefer it to any drill I have been using it on corn stubble for rye. I use no other plow or harrow and it leaves the ground fit for the mowing machine—no corn stamps to cart off. Those of my neighbors who have used it like it much. It will work in any kind of soil, when not too wet. I would not be without one for fifty dollars if I couldn't get another one. You are welcome to use as much of this as you think best.

(Signed)

Yours respectfully,

JOHN DAVIDSON.

498

Under date of Nov. 2d, 1882, this gentleman writes again as follows:

Dear Sir: As I said before, I could not afford to be without the "Acme" Harrow. I have used it with entire satisfaction on both of my farms, some very stiff clay and loamy soil. It saves so much time and labor that I have almost done away with the common harrow. I put my oats in with it last spring *without plowing* the ground, and used it in place of the drill for putting all my grain in. I have hired it out some, and it has not cost me a cent for repairs for two years past. I shall use it this week again on corn stubble for rye without plowing. It leaves the ground in fine order for seeding.

(Signed)

Yours respectfully,

JOHN DAVIDSON.

499

FARMINGDALE, MONMOUTH CO., N. J., Nov. 19th, 1881.
Dear Sir: You ask for information respecting the Pulverizing Harrow purchased from you last spring. I have experimented in farm machinery of different kinds for the last fifteen years and must say I have used no machinery of any kind which has given better satisfaction than the harrow to which you refer. I would not care to sell it at any price in reason unless I could procure another.

(Signed)

Very respectfully,

GEORGE R. LOWE.

500

FREEMOLD, MONMOUTH CO., N. J., June 12th, 1880.
Gents: I have used the "Acme" Harrow and am well pleased with its work. I believe it superior to any harrow for pulverizing the soil. I worked it on very heavy clay, and found it just what is needed. I think it will do all that is claimed for it.

(Signed)

Yours respectfully,

G. L. CLAYTON.

502

LITTLE SILVER, MONMOUTH CO., N. J., June 14th, 1881.
Gentlemen: Yours of 1st, came to hand only last night; enclosed find check for same. I am exceedingly well pleased with the "Acme" Harrow. Of the motley collection of implements that I had tested the past spring, three I have found to be really meritorious, namely, Manson's Diamond Seeded, J-bell Mole Trap, and the last, which is the greatest of all, the "Acme" Harrow. It has, I am satisfied, saved me fully one hundred dollars already this year; and an implement that is so well made that it will last for years, and will save four times its cost in a season, is one that is well worth having. In my humble opinion, you cannot do more to advance the interest of agriculture than by placing an "Acme" Harrow in the hands of every farmer in the land. Wishing you and your enterprise God speed, I am,

(Signed)

Yours very sincerely,

JOHN T. LOVETT.

Cor. Sec. N. J. State Horticultural So., Proprietor of Monmouth Nursery.

503 Under date of Nov. 23, 1882, this gentleman writes us again as follows:

Dear Sirs: My soil is loamy. The "Acme" works well everywhere. I use it for everything when I desire to pulverize the soil, but the way it works up a sod is remarkable. I can best state the esteem in which it is held in these parts by informing you that there is scarcely a progressing farmer in this vicinity but who owns one, although when I bought one less than two years ago it was scarcely known at all.

Yours truly,

JNO. T. LOVETT.

Proprietor of Monmouth Nursery.

(Signed)

504

WEST FREEHOLD, MONMOUTH CO., N. J., Nov. 23, 1881.

Dear Sirs: Yours of 1st inst. to hand, asking my opinion of the "Acme" Harrow purchased of you. I am much pleased with it. My land is a stiff clay soil. I find that it pulverizes and breaks the lumps better than any implement I ever had. I liked the one I got so much that I sent another to a friend in Ohio that farms largely. He writes me to say he was much pleased with it. The first work I have done with the harrow gave me much satisfaction. I had a piece of very stiff land plowed and manured early in the season for wheat, as I feared the drought. The weeds and grass grew so large that I thought I would have to plough it over before it could be planted, but the "Acme" Harrow put it in thorough order.

Yours truly,

EDWARD MARTIN.

(Signed)

505 Under date of Nov. 4th, 1882, this gentleman writes again as follows:

Sirs: I endorse what I said in my communication of Nov. 23, 1881, of the "Acme" Harrow. I then stated that my land was a stiff clay soil, and the kind of work I had done with it. Since then I have tried it at all kinds of work a harrow is capable of doing and it gave me perfect satisfaction.

Yours,

EDWARD MARTIN.

(Signed)

506

CREAM RIDGE, MONMOUTH CO., N. J., Oct. 3, 1887.

Sirs: I used the "Acme" Harrow on heavy clay soil for corn, and it put it in better order than I ever had my ground before. This Fall I worked my wheat ground over with it and it does put the ground in complete order for seeding.

Very respectfully yours,

JOHN T. WOODWARD.

(Signed)

507

FARMINGDALE, MONMOUTH CO., N. J., Oct. 23, 1883.

Dear Sirs: My soil is heavy loam, and I have difficulty in getting good ground mellow enough to cover corn at all, but after using the "Acme" never had as much comfort in covering and attending crops in my life. I use it for all crops.

Yours truly,

LAFAYETTE CONOVER.

(Signed)

508

MARLBOROUGH, MONMOUTH CO., N. J., Sept., 1882.

Dear Sirs: I have used the "Acme" Pulverizing Harrow this season. I like it, and if you could not replace it, would not take it off the farm for one hundred dollars.

Yours, &c.,

ASHER HOLMES.

(Signed)

509

WHIPPANY, MORRIS CO., N. J., July 30, 1883.

Messrs NASH & BRO.

Dear Sirs: Last Spring I had a lot of about fifteen acres in corn stubble upon which I wanted to sow oats. It was rather low ground, and the Spring being so wet it could not be plowed and leave the ground in good order, so I tried an experiment with your Harrow. In the first place I went over the ground once with a common tooth harrow to break down the stubble, then took your Harrow and went over it twice, once each way. As soon as I began to work the ground it began to dry, and when I had finished harrowing I had three inches of nice, mellow, dry soil for a seed bed for my oats and clover seed. After seeding I went over the lot with a light roller; in a few days the seed was all up nicely and continued to do well, and I have just finished harvesting the oats, and I will assure you I have as fine a crop of oats as I ever raised. In order to more thoroughly test the plan I took a small corner of the lot, and plowed and sowed in the usual way and the oats on this plot were no better than where the Harrow was used. One great trouble with farmers they do not half harrow their ground before seeding, therefore do not get a good seed bed; with your Harrow, ground can be put in the finest kind of order. I also used your Harrow on about eighteen acres of corn ground that I planted this spring, and I never had my ground in as fine order.

Truly yours,

JOHN J. MITCHELL.

(Signed)

510

PATERSON, PASSAIC CO., N. J., Oct. 12th, 1881.

Dear Sirs: I am very well pleased with the "Acme" Pulverizer I bought of you, and I think it the best tool I ever saw to work on inverted sod and lumpy soil.

Yours respectfully,

WARREN MITCHELL.

(Signed)

511

BASKING RIDGE, SOMERSET CO., N. J., Oct. 9th, 1883.

Dear Sirs: The Sully Attachment to the "Acme" Harrow is a great improvement, especially for light soil, as it reduces the draft one-third. Yours resp'y,

(Signed)

DAVID LEWIS.

512

BOUND BROOK, SOMERSET CO., N. J., Oct. 8, 1883.

Dear Sirs: We used the "Acme" Harrow purchased from you last Spring, on plowed sod, lumpy soil, preparing the ground for corn, and have used it this Fall on oats

stubble in preparing the ground for Winter grain. In each case the work done by it proved satisfactory, much better than could be done by any tooth harrow that we knew anything about.

Yours resp.

(Signed)

B.M. FIELD.

513 MIDDLEBURY, SOMERSET CO., N. J., Oct. 18, 1883.

Dear Sirs: We have used the "Acme" without plowing, for oats, though very late in the season, with a successful crop.

Yours truly,

(Signed)

C. TOULMIN, JR.

514 WARRENTON, SOMERSET CO., N. J.

Messrs.: The "Acme" Harrow purchased of your agent, R. N. Cornish, has done its work to my entire satisfaction. In preparing heavy clay ground for corn it surpassed my expectations and reduced to absolute fineness hard lumps of clay and rooty soil. I cannot say too much for it and advise all farmers with stubborn land to try the "Acme."

Yours truly,

(Signed)

JOHN COOPER.

515 KINGSTON, SOMERSET CO., N. J., Nov. 6th, 1882.

Gentlemen: After giving the "Acme" Harrow a thorough trial I am satisfied it is the best harrow made, having tried it side by side with the Randall and others. The ground I had ready for wheat was in a bad condition from the heavy rain. I purchased one of your "Acme" Harrows; it leveled my field and put it in better condition for planting than I have ever seen it; would not part with it if I could not get another.

Respectfully yours,

(Signed)

J. N. TICHENOR.

516 VERNON, SUSSEX CO., N. J., Nov. 4th, 1882.

Gentlemen: Your letter of October 30th received and in reply will say: The first harrow purchased I am using on my place. I am satisfied with it and can work it on much rougher ground than I thought I could when I sent for it.

Yours respectfully,

(Signed)

S. S. DENTON.

517 VERNON, SUSSEX CO., N. J., Oct. 2nd, 1883.

Gentlemen: The "Acme" Harrow No. 6 that I purchased of your agent, S. S. Denton, has worked to my entire satisfaction, and really done more than I expected of it. I used it on black muck onion meadows, mostly. I seeded a piece of black muck ground with timothy, doing all the work, plowing and harrowing with the "Acme," and doing it much better than I could with any other harrow that I have ever seen. Would not do without it.

Yours,

(Signed)

JAMES E. RHODES.

518 ROSELLE, UNION CO., N. J., Oct. 6th, 1883.

Gentlemen: The "Acme" harrow purchased last Spring through your Agency in New York City has given entire satisfaction, in fact, has far surpassed our expectations. We recommend it to all who wish to do the most amount of work in the least time and in the best manner. Some stony and some heavy clay soil, plowed early last Fall, received only one harrowing with the "Acme" this Spring for corn and grain. We have the No. 6 "Acme." We think its greatest point of excellence over all other harrows is that it will cut off all sod and weeds and never choke or drag.

Respectfully,

(Signed)

THE FOULK AND FLEIRIER CO.

519 LINDEN, UNION CO., N. J., Oct. 10, 1883.

Gentlemen: Freeholder E. S. E. Newbury, for whom I purchased the No. 6 Harrow, says you can refer to him anyone who wishes information as to the merits of the "Acme," and that if he could not get another he would not take \$50.00 for this one. He used it on rough stumpy ground for sowing buckwheat, and on loamy soil for wheat where it had been plowed some time; part replowed with one horse plow, the rest with the harrow; thinks one as good as the other, the harrow requiring half as much power as the plow. It will do good work in our clayey or loamy soil.

Yours truly,

(Signed)

GEO. W. BAKER.

520 HARMONY, WARREN CO., N. J., Oct. 7th, 1883.

NASH & BROS.

Dear Sirs: Inclosed find amount due for "Acme" Harrow No. 6. I received your letter of inquiry the first of last week, but have delayed answering it on account of having a buckwheat stubble that I wished to try the harrow on. I have since then given the trial and must say that it has done me a better and more satisfactory job than plowing could have done. I only went over it twice and then drilled in the grain. I also find it to excel on inverted sod, oats ground that had but one plowing and open fallow. Two of my neighbors used it and were very much pleased with it. Our soil in this region is heavy clay and somewhat stony.

Respectfully,

(Signed)

H. Y. MILLER.

521 JOHNSTOWN, WARREN CO., N. J., —

Sirs: I have used the "Acme" Harrow No. 6, bought of you last Spring, on smooth and rough ground; also on stony land, and can truly say it gives entire satisfaction. It has no equal in broadcast sowing. It is surprising, and in fact it is beautiful. My crops were far better where the "Acme" had been used than any other part of the field. Success to you, gentlemen. I could not do without it, there are no words that could praise the harrow more than it is worthy of.

I am truly yours,

(Signed)

GEORGE W. HENDERSHOT.

PENNSYLVANIA.

522

FLORA DALE, ADAMS CO., PA., Nov. 1st, 1881.

Gentlemen: The "Acme" purchased at you last Spring is the best instrument to prepare ground for the reception of seeds and small stocks I have ever seen. Having used it extensively during the Spring and fore part of the Summer, I know of what I speak. It is perfect in its construction and operation, doing at once what no other implement can do, viz., pulverizing, leveling and crushing clods, and doing each and all perfectly at one operation. I also used it in preparing ten acres of inverted spring plowed sod, and it cannot be surpassed there. No man who tills the soil can do without it, and a nurseryman has no complete set of tools unless the "Acme" is included in it.

(Signed)

Very truly yours,

C. L. LONGSDORF.

523

Under date of Nov. 2d, 1882, this gentleman writes again as follows:

Dear Sirs: It affords me pleasure to again recommend the "Acme" to my friends who till the soil, not only as a benefit to you, but trusting a word from me might induce some poor farmer who still prepares his ground in the old way (for the want of a better) to buy an "Acme." I used it this season on sandy loam soil, and clay land, and it worked to my entire satisfaction; by its use I can prepare my ground with much less labor and expense than by any other means, and harvest in much better condition than I could possibly get it without this implement. It must be remembered that in our business the condition of the soil when we plant is of the *first importance*, and upon it depends our success in growing fine stocks. I must say, since using the "Acme" I have better success in getting good stands than ever before, especially so where I planted the smallest seeds. Wishing you abundant success,

I am, yours truly,

(Signed)

C. L. LONGSDORF.

525

MENALKEN, ADAMS CO., PA., Aug. 15, 1883.

Dear Sirs: I am very well pleased with the "Acme." It does all you claim it to do. If a man rides on the harrow on soft ground, it will require three horses.

Yours truly,

(Signed)

W. S. SMITH.

527

TALLY CAVEY, ALLEGHENY CO., PA., May 19th, 1880.

Gents: Have harrowed about thirty acres of inverted sod for corn twice over with your pulverizer, and can truly say that I never marked out corn ground with as much loose mellow ground, or less turned up loose sods as I did this planting; the pulverizer makes plenty of loose soil for the young plants to root in. Yours respectfully,

(Signed)

E. MORROW.

528

PITTSBURGH, ALLEGHENY CO., PA., Nov. 4th, 1881.

Gentlemen: This may certify that having procured one of your "Acme" Harrows, and used it, it is all you claimed for it, and if I could not get another I would not take \$100 for it.

(Signed)

Yours truly,

J. P. SMITH.

529

Under date of Dec. 5th, 1882, this gentleman writes us again as follows:

Dear Sirs: I have used your "Acme" Harrow on clayey and stony ground. The latter lies along the road and persons passing would stop to look at it. And some of them said to me: I never saw ground so handsomely worked in my life. My opinion of the implement is if possible more favorable than it was in 1881; in fact I do not know how I could get along without it. I think farmers and gardeners who fail to procure one are standing in their own light.

(Signed)

Yours truly,

J. P. SMITH.

530

UPPER ST. CLAIRE, ALLEGHENY CO., PA., Nov. 12th, 1881.

I bought an "Acme" Harrow last Spring, and after using it on both sod and scrubble ground, think it the best harrow for thorough pulverization I have ever used. Passing over my sod twice with this harrow with a small team of horses put it in excellent condition for corn.

(Signed)

WM. T. FIFE.

531

Under date of Nov. 14th, this gentleman writes us again as follows:

Dear Sirs: I am as well pleased with the "Acme" as I was one year ago. I believe it is the best harrow and pulverizer, with lightness of draught, that is or can be made. My brother got a Thomas Smoothing Harrow last Spring; worked with it half a day and did not like it. I told him to try the "Acme"; he took the Thomas back, and got an "Acme." My soil is clay.

(Signed)

Yours truly,

WM. T. FIFE.

532

RIMER, ARMSTRONG CO., PA., Oct. 1st, 1881.

Dear Sirs: In reply to inquiry as to how I like the "Acme" Harrow, would say I think it is the "boss" implement of its kind. I have used it in leveling and pulverizing stony land, and also in putting in grain and find that I never had my land in better fix, or my grain put in so well. Every farmer should certainly have one.

(Signed)

Respectfully yours,

THOMAS C. HEATH.

533

NEW BRISTON, BEAVER CO., PA., Nov. 3d, 1882.

Gents: The "Acme" Harrow has given entire satisfaction. It was used on limestone land, in preparing for oats, corn and wheat, and excels any harrow used on the farm. I think it worth the price if only used for the garden and truck patch.

Yours truly,

T. STROBRIDGE.

534

DOUGLASSVILLE, BERKS CO., PA., Nov. 1st, 1882.

Dear Sir: Yours of the 28th of October is at hand, and I will comply with your request most cheerfully in reference to the working of the "Acme" Harrow. I call the "Acme" Harrow a first-class implement; have used it on my own field in the Spring, which was a tough sod; harrowed it twice; and never had ground in better condition for planting corn. Part of the field was rather a clay soil; not entirely so, but a heavy wet soil, and the other a loam, with one exception, which was a loose sand and rather stony, and what was most surprising, the harrow did the work most excellent. I also used the harrow on my field in preparing it for wheat and found it worth more than any drag I ever saw. One cultivation with it is as good as two with the old drag harrow. I also used it after drilling my wheat to put in the timothy as my drill sows the timothy in the rear of drill, and found it a very good plan, as the seed has come up splendid and left the wheat undisturbed.

I also used it in putting in a piece of sowed corn stubble which I sowed by hand after plowing and found it to do its work first class; in fact it is all you claim for it, and would say every farmer and trucker ought to have one, especially a trucker, as I used it in preparing a potatoe plot, or patch, and call it almost indispensable and would not be without it.

(Signed)

I remain, very respectfully,

ALBERT YOCUM

535

BELLWOOD P. O., BLAIR CO., PA., Oct. 29, 1881.

Gents: The principle of your harrow is correct; it has done all I expected, and it will gradually win its way among enterprising farmers.

Yours very respectfully,

(Signed)

WM. DOMER.

536

HOENSBROOK, BRADFORD CO., PA., Oct. 6th, 1883.

Dear Sir: I have used the "Acme" on sod, stony and clay ground. It suits me the best of any harrow I have ever used. I also covered my potatoes with it.

Yours very respectfully,

(Signed)

JOSEPH TOWNER.

538

CARTERSVILLE, BUCKS CO., PA., Nov. 7, 1882.

Gents: I have tried the "Acme" and am well pleased with it. I think with it I can save time and labor.

(Signed)

Yours truly,

JOHN MAGILL.

539

CARVERSVILLE, BUCKS CO., PA., Sept. 15, 1882.

Gents: I have used the "Acme" Harrow and consider it superior to any. It pulverizes the ground thoroughly and leaves it in very even condition. I put in wheat with it, and it came up very fine. It is highly endorsed wherever used, and will no doubt come in general use with progressive farmers.

(Signed)

Yours truly,

MAHLON CARVER.

540

SOLEBURY, BUCKS CO., PA., Nov. 6, 1882.

Dear Sir: I have used the "Acme" Harrow. I gave it a thorough trial. I think it does more work going once over than any other harrow would going over three times, that I ever saw. I think it is just the harrow.

(Signed)

Yours truly,

SAMUEL SHUPE.

541

CARVERSVILLE, BUCKS CO., PA., Nov. 6, 1882.

Gents: The "Acme" Harrow that I purchased of your agent, Mr. S. F. Hellyer, gives satisfaction. I used it to put my wheat in instead of plowing the second time. Once harrowing with it is equal to two or three times with an ordinary harrow.

(Signed)

Respectfully yours,

H. W. STOVER.

542

RIEGELSVILLE, BUCKS CO., PA., Nov. 3, 1881.

Gents: Your "Acme" Harrow pleased me very much. On heavy, clay ground it pulverized the ground thoroughly, making an excellent seed bed for planting corn and also leaving the ground so fine that it was a pleasure to cultivate the corn.

(Signed)

Yours, &c.,

JOHN L. RIEGEL.

543

RICHMOND, BUCKS CO., PA., Oct. 8th, 1883.

Respected Friends: The "Acme" Harrow has given me entire satisfaction. Used on a sandy loam, as a pulverizer, it certainly has no equal.

(Signed)

Respectfully,

WM. SMITH.

546

CARVERSVILLE, BUCKS CO., PA., Aug. 14, 1883.

MR. S. F. HELLYER. Dear Sir: The "Acme" harrow I purchased of you last Spring gives entire satisfaction, both in harrowing and in stubble ground. It puts the land in very fine condition, so that the crop can very readily appropriate whatever fertility there may be in the soil.

(Signed)

Respectfully yours,

EZRA MICHENER.

548

SOLEBURY, BUCKS CO., PA., Aug. 1, 1883.

Gents: Last Spring I plowed up for corn a meadow that had not been plowed for fifteen years. The sod was so tough that I had to work three horses to the plow. To harrow the ground I tried a Kelsey harrow, but it merely made a mark; I went to S. F. Hellyer, your agent, and procured his "Acme" harrow, clod crusher and leveler. With my weight added, the draught proved too great for one team, and I was obliged to put four horses to it. It then did its work well, pulverizing and leveling the ground nicely. I do not believe I could have gotten the ground in order for corn with any other harrow than the "Acme."

(Signed)

Yours respectfully,

JOHN A. GROVER.

549

BROWSDALE, BUTLER CO., PA., Sept. 24th, 1883.

Dear Sirs: I have tried the "Acme" Harrow, and it does the work complete. Am very much pleased with it and its work. The neighbors are also very much taken with it.

Yours truly,

(Signed)

F. H. NEGLEY

550

VALENCIA, BUTLER CO., PA., Nov. 15th, 1882.

Gents: Your harrow has done more than I expected. It does pulverize the ground well. I think it will be very useful in old meadows.

Yours,

(Signed)

JOSEPH HAYS.

551

CARLTON, CAMBRIA CO., PA., Nov. 7th, 1882.

Gents: The "Acme" Harrow is among the best of the machinery I have. Our land is loamy and stony. I have used it on stony ground, and it is better than a common harrow. I hauled a great many rails over a piece of ground that was very wet. When I plowed it up it turned up fearful clods. I took the "Acme" and went over it five times, and I put it in the finest condition to sow. I used it to do all of my seedling with. I don't use the old harrow any more. On manure ground it is splendid. It cuts it up fine and nice. I am a cripple, and it suits me well, for I got much satisfaction in harrowing a piece that I put wheat in, and now it is as nice wheat as any one wants to look at. It is ahead of the wheat that had phosphate put on it.

Yours,

(Signed)

WILSON POWELL.

552

EMPORIUM, CAMERON CO., PA., Oct. 15th, 1883.

Dear Sirs: I must say that the "Acme" is the best harrow that I ever used, or ever saw used on stiff clay. I used it on a very rough piece of clayey ground. I went over it twice, which left it in splendid condition for wheat. I was afraid I could do nothing with this piece of land, but the second time I went over it it was all complete. I covered most of my potatoes with the "Acme" last spring. With it I can do the work of ten men in covering potatoes. I cannot help recommending it very highly to everyone.

Yours respectfully,

(Signed)

JAMES HOBSON.

553

MT. EAGLE, CENTRE CO., PA., Nov. 3d, 1882.

Gents: Having purchased an "Acme" of you last spring I write you at this date, giving you my experience thus far. I sowed oats on land that was plowed in the fall. A portion I put in with the common tooth harrow; on the balance I used the "Acme." On the latter portion my oats was heavier and much cleaner, the land being in much better condition through the thorough work done by the "Acme." I would say that all the land was of the same nature. I also put my corn ground in better condition with the "Acme" than ever I had before. For putting land in good condition for root crops the "Acme" far surpasses any implement that I have ever used. In fact the increase in the crops produced by the thorough pulverization of the soil by the "Acme" will in one season pay for the harrow. My land is gravelly upland.

Yours, &c.,

(Signed)

GEO. D. JOHNSTON.

554

CHESTER SPRINGS, CHESTER CO., PA., Nov. 10th, 1882.

Gents: The "Acme" Harrow purchased of you in the Spring of 1881 is, without exception, the best implement to prepare the ground for the reception of seed I have ever seen. Since it has been in our possession we think we have given it a thorough trial, having used it considerably on hilly, stony, and cloddy ground, to our entire satisfaction. This Fall we plowed a piece of ground which had been lying for twenty years. With the "Acme" we prepared for, and put in the seed, at the end of which time the ground was as mellow as a garden. The "Acme" Harrow not only comes up to, but surpasses our expectations, and no farmer has a complete set of farming utensils without it.

Yours truly,

(Signed)

J. EMERY.

555

WEST GROVE, CHESTER CO., PA., April 30th, 1880.

Gentlemen: The "Acme" arrived safely on last 7th day. We put it to work 3d day noon, and have been over a 22-acre sod field, doing excellent work. We think it quite an acquisition. Inclosed I send check for amount of bill. Affectionately,

(Signed)

THOS. M. HARVEY.

556

LANDENBURG, CHESTER CO., PA., Nov. 21st, 1882.

R. B. CHAMBERS.

Sir: I consider the "Acme" Harrow that I got of thee is the best pulverizer and stirrer of the soil I ever saw.

Respectfully,

(Signed)

ALFRED SHARPLESS.

557

TOUGHKENARON, CHESTER CO., PA., Nov. 23th, 1882.

R. B. CHAMBERS.

Resp. Friend: At thy request I would say that the "Acme" Harrow purchased of thee last spring has been tried by me on sward and fallow ground, and I think it would not be exaggerating to say that it will do better work and in less time than any other harrow that I ever saw.

Truly, etc.,

(Signed)

B. P. HOOPES.

558

WEST GROVE, CHESTER CO., PA., Nov. 30th, 1882.

R. B. CHAMBERS.

Resp. Friend: The "Acme" Harrow I bought of thee last spring has given entire satisfaction. Have harrowed over two hundred acres this season with it. I think one stroke with it equal to two of any other harrow I ever used.

Respectfully,

(Signed)

MARK HUGHES.

559

EAST BRANDYWINE, CHESTER CO., PA., Oct. 3, 1883.

Dear Sir: I used the "Acme" on a gravelly soil; went over it twice, and then run a light smoothing harrow over before marking out; I never saw a field in better order, and think the farmer need not have gone over it but once. This Fall I used it for wheat. I plowed the ground right after the oats were taken off, and it laid until about the 18th of September. It was all green with the oats that had grown up, and I thought I would have trouble to destroy them, but the "Acme" cut them all up. The most of the field was loamy soil, and the harrow run deep. To use the expression of the farmer, it made the ground boil. We went over it but once, and then run the smoother over it and drilled; I never had a field in finer order. I think it is the best pulverizing harrow I have ever seen used.

(Signed)

Yours with respect,

WM. PENROSE MOORE.

560

ESCKELDOWN, CHESTER CO., PA., Oct. 10, 1883.

Respected friends: I received the "Acme" Harrow, ordered of you last Spring, in time to give it a fair trial on sod plowed for corn. With twice going over the ground was left in very nice condition for planting. A third harrowing would have made it fine enough for a garden. If the ground is well plowed, twice going over with your harrow is sufficient, in my estimation, and is as good as at least three times going over with an ordinary spike-toothed implement. I prefer a boy of from 75 to 100 pounds weight to ride the first time going over, or perhaps the second if the soil is stiff—but with a heavy man in the seat it runs a little stiff for two horses. Most of my land was a gravelly loam and some of it quite stony, but the "Acme" appeared to work it all satisfactorily. I ordered the harrow under considerable discouragement, both from the agricultural dealers, and from my neighbors, who are loud in the praise of the Spring Tooth Harrow, but I do not regret my purchase in the least. Yours respectfully,

(Signed)

EDWIN WALTON.

561

PUGTOWN, CHESTER CO., PA., Oct. 3, 1883.

Gentlemen: Your harrow is all that you claim it to be. I have tried it on clayey soil, where a drag harrow would have no effect what-ever, and it did its work splendidly. I have tried it in loam soil, which it put in excellent order; I put in one-half acre of sowed corn, in clayey soil, and it was equal to any drilled corn I ever saw. For making a good seed bed, I think every farmer should have one. Yours,

(Signed)

FRANCIS T. POTTS.

562

ONCIDA MILLS, CLEARFIELD CO., PA., Oct. 8th, 1883.

Dear Sirs: I have used your Harrow on rough and smooth ground, and it did its work as you recommended. I plowed down heavy clover sod this Fall for wheat, harrowed it twice with the Acme, and it was like an ash heap. I would advise all who farm to get the Acme if they want to do the work complete. Yours truly,

(Signed)

B. F. HUGHES.

563

NEAR LUTHERSBURG, CLEARFIELD CO., PA., Nov. 8th, 1881.

Gents: I wish to say a word for the Acme Pulverizer. I plowed a piece of ground for corn last Spring that had been pastured when wet, and consequently was very cloddy when plowed. I went on it with my spike tooth harrow (newly sharpened), and found I could make no impression on it at all. I was about discouraged when I thought of what J. H. Kirk (your agent) had told me about the Acme. I went and got it and harrowed my ground twice with it, when it was in as good order for planting as could be desired. I was astonished, as well as my neighbors who saw me use it, and I consider it one of the best paying implements ever sold in this part of the country, and cheerfully recommend it to my brother farmers. Yours, &c.,

(Signed)

GEORGE ARICK.

564

LOCK HAVEN, CLINTON CO., PA., Oct. 9th, 1883.

Dear Sirs: I bought an Acme Harrow of your agent, R. H. Stewart, and am more than pleased with the way it performs its work. I worked it on my tobacco field this Spring, where I had used, as a top dressing, long manure, and I am sure no other harrow would have put the ground in as good order, and the beauty of it was that it scarcely choked at all, nor did it drag out the manure as does the ordinary drag tooth harrow. I would not by any means be without my Acme Harrow.

Yours respectfully,

(Signed)

WM. H. SMITH.

565

LOCK HAVEN, CLINTON CO., PA., Oct. 8th, 1881.

Dear Sirs: I bought an Acme Harrow of R. H. Stewart last Spring, and have used it on clay and sandy soil, and am fully convinced that it put ground in better order than any other harrow I ever saw.

Yours respectfully,

(Signed)

THOMAS T. BARTHOLOMEW.

566

ISLAND, CLINTON CO., PA., Oct. 8th, 1883.

Dear Sirs: I have been using the "Acme" Harrow the last season in preparing tobacco ground, and also for preparing ground that had been in tobacco, for wheat. I consider it is the best harrow out for preparing ground for tobacco. I plowed up my tobacco stubbles for wheat, and harrowed the ground with the "Acme," and did not tear up the tobacco roots, which the drag tooth harrow is sure to do. Give me the "Acme" every time.

Yours respectfully,

(Signed)

J. G. STEWART.

567

BERWICK, COLUMBIA CO., PA., Sept. 1, 1883.

Dear Sirs: The "Acme" Harrow gives perfect satisfaction.

Yours very truly,

(Signed)

G. L. REAGAN.

568

BERWICK, COLUMBIA Co., Pa., Oct. 13th, 1882.

Gents: Last Spring I wrote you to send me one of your "Acme" Harrows on trial, as per your advertisement. The harrow was duly received and I gave it a thorough test. Having plowed my corn ground early, the heavy Spring rains we had through this section packed it hard, being a gravelly soil. I had my man mount the harrow and pass over the field twice, which put the ground in very superior condition for the seed. I have prepared all my ground with the "Acme," for Fall seeding, and it has given perfect satisfaction. I would not want to be without one. Yours truly,

(Signed)

G. L. REAGAN, M. D.

569

GENEVA, CRAWFORD Co., Pa., Oct. —, 1882.

Gentlemen: The "Acme" Harrow which we purchased of your agent, J. N. Kerr, this Fall, has given the best of satisfaction as far as used. We put in our wheat with it, and it worked up the ground superior to any harrow we ever saw. Yours,

(Signed)

W. H. SEE & SONS.

570

RICEVILLE, CRAWFORD Co., Pa., Jan. 9th, 1883.

Dear Sirs: Some time ago I received a letter from you, asking for my experience with the "Acme" Harrow, and on account of illness did not answer sooner. I am well pleased with it. My soil is a heavy clay loam, in many places nearly all clay, and has a tendency when plowed in the Fall or Spring, if any ways wet, to pack down hard; but I found that the "Acme" thoroughly pulverized and prepared it for seeding, with very much less expense than any other tool I have used. You will remember that I bought it "unsight and unseen." I was fearful that it would be of heavy draught, my horses being small, one of them only 900 pounds weight, but it was nothing but fun for them, with a medium sized man in the seat. In preparing sod land it is without a doubt, the best tool ever invented, as it slices it up fine and keeps the grass under, while the old harrow and the spring tooth harrow have a tendency to get the sod wrong side up. As a leveler it is splendid, but of course should be used with judgment; should not be used as a leveler after the seed is sown. Yours very truly,

(Signed)

CLARK SOUTHWORTH.

571

LINESVILLE, CRAWFORD Co., Pa., Nov. 27th, 1882.

Gents: The "Acme" Harrow I bought of W. Abell is the best pulverizer I ever saw. Am well satisfied with it. Yours truly,

(Signed)

URIAH GILLILAND.

572

LINESVILLE, CRAWFORD Co., Pa., Nov. 27th, 1882.

Gents: The "Acme" Harrow I bought of W. Abell has been used in putting in four acres of wheat, and as far as can be seen will do all that is claimed for it.

Yours truly,

(Signed)

JOHN THOMPSON.

573

LINESVILLE, CRAWFORD Co., Pa., Nov. 27th, 1882.

Gents: My drag has pleased me beyond expectations. Have used it for putting in wheat, also on tough sod. I am thoroughly satisfied with it. Would not do without one. Yours, etc.,

(Signed)

W. D. BARBER.

574

SPARTANSBURG, CRAWFORD Co., Pa., Nov. 7th, 1882.

Dear Sirs: The "Acme" Pulverizing Harrow that I purchased from E. Squires, I am much pleased with, and believe it to be the best harrow that I have seen. It works equally well for covering grain as on sod ground. Yours truly,

(Signed)

B. F. WEBB.

575

SPARTA, CRAWFORD Co., Pa., Nov. 8th, 1882.

Dear Sirs: I have used one of your No. 6 "Acme" Pulverizing Harrows both Spring and Fall of this year, and it is the best pulverizer I have ever used. I can prepare the ground better by going over it twice with the "Acme" than can be done by any amount of labor with the old spike tooth harrow. Yours truly,

(Signed)

MAC WEBB.

576

SPRINGBORO, CRAWFORD Co., Pa., Oct. 31st, 1882.

Gents: I look upon the "Acme" Pulverizing Harrow as among the greatest improvements of the age. Tested upon a five-acre field plowed in August, baked until October—one passage with the furrow and one diagonally, and a better seed bed I never saw. Once around with the common harrow told of the waste of time, and it was set aside. More work can be done in one day's time with the "Acme" than in five days with the old harrow.

(Signed)

W. G. THOMAS.

577 Under date of Nov. 4th, 1882, this gentleman writes again as follows:

Gents: I have used the "Acme" Pulverizing Harrow on all kinds of soil, from stiff heavy clay, to fine loam and gravel, with a goodly number of flat stones. On inverted sod and stubble, wherever used, I find it a time and labor-saving implement, and true to its name, the "Acme."

(Signed)

Yours truly,

W. G. THOMAS.

578

SHIREMANSTOWN, CUMBERLAND Co., Pa., May 19, 1883.

Dear Sirs: The "Acme" continues to give excellent satisfaction. The thorough manner in which it prepared our oat and corn ground this spring won the admiration of all who saw it. Very truly yours,

(Signed)

D. K. MERKEL.

579 Under date of Oct. 6th, 1883, this gentleman writes as follows:

Gentlemen: Last spring I purchased an "Acme" Harrow. I put in my oat crop with it, and it covered very satisfactorily. Prepared my ground for corn with the "Acme" and it gave me a clean, smooth and well pulverized surface. I was so well pleased with the results that this Fall I purchased another, and in preparing my ground for drilling wheat it met my expectations fully. While pulverizing the ground more thoroughly than any implement I have used, the "Acme" does not bring any rubbish to the surface. In passing over rocks and rough places it is better than any harrow I know of. After my experience with the "Acme" Harrow I do not see how I could conduct my farm operations satisfactorily without it.

(Signed)

Yours truly,

D. K. MERKEL.

580

KETSVILLE, ERIE CO., PA., Oct. 28th, 1881.

Sir: I tried your "Acme" Harrow, Pulverizer and Clod Crusher and think it a complete harrow. In my estimation it is the best harrow for making the ground light and loose to any desirable depth. Would recommend it to any farmer.

(Signed)

Yours respectfully,

JOHN HARRINGTON.

581 Under date of Dec. 7th, 1882, this gentleman writes as again as follows:

Dear Sirs: I bought one of your "Acme" Harrows of your agent, O. H. Hewitt, and used it in fitting my ground for wheat. I found it a complete harrow and pulverizer, doing more work in the same time than any harrow I have ever used. My land was clay, loam and gravel, it worked well in all three.

(Signed)

Yours respectfully,

JOHN HARRINGTON.

582

NORTHVILLE, ERIE CO., PA., Oct. 25th, 1881.

Gentlemen: I have tried the "Acme" Harrow I bought of you with the Spring Tooth, and I think the "Acme" Harrow is far superior to the Spring Tooth on sod or hard clay, lumpy land or any kind of soil. I am satisfied that the principle is all right.

(Signed)

Yours, &c.,

S. L. WALKER.

583 Under date of Nov. 15th, 1882, this gentleman writes again as follows:

Dear Sirs: I have used the "Acme" Harrow on various kinds of soil and always with the very best results. It is the best pulverizer I ever saw. No farmer should be without it, for it has no equal as a pulverizer and is an indispensable farm implement.

(Signed)

Yours very truly,

S. L. WALKER.

584

FAIRVIEW, ERIE CO., PA., Oct. 2d, 1883.

Gentle: I used your "Acme" Pulverizer last spring on timothy sod and sandy loam and found it an excellent tool.

(Signed)

Yours truly,

FRANK CAUGHY.

585

FRANKLIN, ERIE CO., PA., Oct. 6th, 1883.

Gentle: I used the "Acme" Harrow on clay loam last Spring and this Fall and am highly pleased with it. I used it for putting in wheat this Fall and find it ahead of any harrow or pulverizer I ever saw. Would not like to be without an "Acme."

(Signed)

Yours truly,

J. H. STAFFORD.

586

FRANKLIN, ERIE CO., PA., Oct. 5th, 1883.

Gentle: The "Acme" Harrow purchased of your agent, T. L. Beckman, last Spring gives perfect satisfaction. I used it on clay and find it the best tool for that business. It does better work, in going over the ground twice, than a common harrow does in a dozen times. Cannot say too much for it.

(Signed)

Yours, &c.,

ALVAH FRANCIS.

587

MILL VILLAGE, ERIE CO., PA., Oct. 29th, 1881.

Dear Sirs: The "Acme" Harrow that I purchased of you last Spring has fully come up to your recommendations. We have not taken any other harrow to the field this Summer, using the "Acme" both for fitting the ground and harrowing in the grain. It was used on ground plowed last fall and on sod plowed in the spring, doing the work better than any harrow we ever saw used. We don't hesitate to recommend it as a Pulverizer and Leveler. It is a harrow that every farmer should have on his farm.

(Signed)

WILLIAM FLEMING,
DELOSS HUNTER,
A. B. FLEMING,
M. A. PATTEN.

588 Under date of Nov. 2d, 1882, two of these gentlemen write again as follows:

The "Acme" Harrow has been in use for the past two years on our farm. The soil is a clayey loam, and some of the ground is quite strong. We have used it on most all kinds of ground, and would say that for sod and rough and lumpy ground it can't be excelled. It does its work equally well on all kinds of ground, so far as we have tried it. We have taken no other harrow to the field since we got the "Acme."

(Signed)

Yours truly,

WILLIAM FLEMING,
A. B. FLEMING.

589

GILARD, ERIE CO., PA., Nov. 11th, 1882.

U. C. KIRKLAND, Esq.

Sir: The "Acme" Pulverizer that I bought from you last Spring gives perfect satisfaction. It is all that you claim for it. I have used and seen used almost all of the latest improvements for fitting the ground for a crop, and find none that is equal to the

"Acme." I have used it on lumpy stubble ground and on sod, and find that it will do the same work with half the labor for a team or any too, that I have ever used. Its draft is not heavier with a medium-sized man to ride it than a common-sized four-square harrow. Hence I would not be without it for twice its cost. The thing does not look as though it was capable of doing such fine work with so little labor.

(Signed)

Yours respectfully,

J. P. SILVERTHORN.

590

KEEPPVILLE, ERIE CO., PA., Oct. 28th, 1881.

Sirs: I think your "Acme" Harrow will bear recommending. I tried it on a very lumpy piece of ground. It worked complete. As a Harrow, Pulverizer and Leveler I think it excels anything I ever saw.

(Signed)

Yours respectfully,

EDWIN CANFIELD.

593

KEEPPVILLE, ERIE CO., PA., Oct. 26th, 1881.

Dear Sirs: I was intending to buy a Randall Wheel Pulverizer, had not your agent, O. H. Hewitt, urged me to try an Acme. I tested the two, using the Wheel Harrow to fit a part of my wheat ground, and the Acme to fit the balance, and the Acme is far ahead in my estimation, as it leaves the ground level, while the Randall leaves the ground in ridges. The Acme cuts all the ground off level and smooths as deep as it goes, while the Randall wheels roll or cut through the ground leaving a comb between the wheels, fast at the bottom and somewhat unstirred. The Acme as a jump smasher and leveler is far ahead of my expectations; so much so that I bought it (the Acme.) The Randall as a jump smasher and leveler amounts to very little, and I think the draft about the same. Of the two I should prefer the Acme to the Randall (which costs thirty-five dollars) at the same price.

(Signed)

Yours truly,

C. R. FORBES.

594

MOOREHEADVILLE, ERIE CO., PA., Nov. 5th, 1881.

Gents: I used the Acme Pulverizing Harrow to fit a piece of inverted clover seed on a sandy loam soil for wheat this Fall. I was better suited with it than any tool I ever used. I also tried the Acme on stony land and land top-dressed with manure, and found it to work well.

(Signed)

A. N. LEET.

595

NEW HAVEN, FAYETTE CO., PA., Oct. 9th, 1883.

Dear Sirs: I purchased one of your Acme Harrows No. 6, last Spring, and used it in clay, loam and gravelly soils. It gave satisfaction. It covers grain better than any harrow I ever saw, and for preparing ground for garden purposes cannot be beaten. I put in a field of wheat with it this Fall; covered it equal to a drill. Yours truly,

(Signed)

M. W. MORELAND.

596

FAYETTE CITY, FAYETTE CO., PA., May 29th, 1883.

Gents: Please send me your pamphlet entitled "Tillage is Manure." It gives me pleasure to give my testimonial as to the unparalleled excellence of the Acme. I was the first person to set one up in this part of the country, and I use no other.

(Signed)

Yours truly,

JOS. A. MCKEE.

597

WEST HICKORY, FOREST CO., PA., May 10th, 1882.

Mr. J. Y. SWIGINS, Pleasantville, Pa.

Dear Uncle: By the hand of Bell. I received the Nash & Bro. circulars which you kindly sent to me, but fortunately for me I bought one of their harrows early in the Spring. They are a splendid thing. I would not take \$50 for mine if I could not get another.

(Signed)

Yours respectfully,

ORION SIGGINS.

598

Under date of Nov. 13th this gentleman wrote us as follows:

Gents: The Acme Harrow which I bought of you fills every claim you advertise for it, as far as I have tried it. Its power to crush, level and pulverize to most any desired depth, is wonderful. Its work in covering grain far surpasses that of the chance scratch of other harrows. I have tried it on clayey, gravelly and somewhat stony ground, and it seems to be well adapted to all. Especially is it adapted to inverted clay sod, as it never turns clods over, and has the faculty of cutting and mellowing such ground in a manner far surpassing that of other harrows. I have always regarded the common harrow as the most imperfect implement on the farm. But the introduction of the Acme, in my experience, has revolutionized the business.

(Signed)

Respectfully,

ORION SIGGINS.

599

PETERSBURG, HUNTINGDON CO., PA., Nov. 17th, 1882.

Gents: I bought one of your Acme Pulverizing Harrows from D. B. Miller, Neffs Mills, and would just say I am 60 years old, and it is the first farm implement that I ever saw that will put the ground in perfect order. It beyond a doubt excels anything I ever saw or handled. I was so well pleased with it that I told the boys that I would not take \$100 for it if I could not get another one of the same kind. I used it on different soil, on plowed ground, and turned down and on oats stubble where the oats had covered the ground. It worked so satisfactorily that I came to the firm conclusion that I can put any kind of soil in first-class order and condition for seeding. I feel conscientious in what I have said and will stand on it.

(Signed)

Yours, etc.,

WM. MILLER.

600

HILL VALLEY, HUNTINGDON CO., PA., Oct. 8th, 1883.

Gents: I bought a No. 6 Acme Harrow of your agent, J. W. Olewine, at Hill Valley, which I used in preparing my soil for Fall seeding. My soil, which is a heavy clay, was in stiff blue-grass sod and broken up very rough. I almost despaired of getting it in

condition for seeding, but twice going over it with the Acme put it in first-class condition. The clods were crushed and the whole surface thoroughly pulverized. I regard the work as unequalled by any other implement I ever had or saw work.

(Signed)

Respectfully,

H. S. DELL.

601

HILL VALLEY, HUNTINGDON CO., PA., Oct. 8th, 1883.

Dear Sirs: I bought of your agent, J. W. Olewine, about the 1st of September last, one of your No. 6 Acme Harrows. I used it in preparing about 50 acres for fall seeding, consisting of all kinds of soil. I am fully persuaded that it is just the harrow for preparing the seed-bed. My soil was never in so good a condition for seeding with the same amount of labor. I am thoroughly satisfied with the harrow in every respect.

(Signed)

Respectfully,

S. F. MYERS.

602

BLAIRSVILLE, INDIANA CO., PA., Nov. 21st, 1880.

Gentlemen: Inclosed find draft. The Acme has proved itself very satisfactory on each and every field we used it on this fall to the amount of seventy-five acres. Fifteen of this was heavy limestone ground, plowed early in June, and had become baked hard; and not that alone, but it had grown up with weeds, so that it looked as if it had not been plowed at all. We put the Acme on it, going over it twice and part three times, reducing it finer and leveler than the same ground ever had been since we tried to cultivate it. The fact is, we could not get along without it. Very respectfully,

(Signed)

JOHN W. HILL.

HENRY L. HILL.

603

BLAIRSVILLE, INDIANA CO., PA., Nov. 30th, 1882.

Gentlemen: The Acme Pulverizing Harrow purchased of H. L. & J. W. Hill, your agents at Blairsville, has proved itself very valuable on my farm. It thoroughly pulverizes the soil, working every inch of the land the full width of the machine. The clod crusher and leveler doing effective work, leaves the ground in fine order. I can without hesitating say that it is worth every cent it costs, and that every farmer who wants to get his land in perfect order should have one.

(Signed)

Yours respectfully,

CYRUS STOFFER.

604

BLAIRSVILLE, INDIANA CO., PA., Nov. 8th, 1882.

Gents: The Acme Pulverizing Harrow purchased of your agents, H. L. & J. W. Hill, has been in use two years, and I am well pleased with it. It is the best harrow I have ever used. A satisfactory trial is all that is needed to convince any man that is a good investment and one he will never regret.

(Signed)

Yours truly,

J. P. LINTNER.

605

INDIANA, INDIANA CO., PA., Nov. 8th, 1882.

Dear Sirs: I have used the Acme Harrow for two seasons, and I believe it to be the best in use: I put it on my corn stubble last spring without plowing and harrowed them and raised forty bushels of oats to the acre. It paid for itself in this one field, and then I never had my corn ground in so good condition.

(Signed)

Yours truly,

ISAAC ST. CLAIR.

606

CLARKSBURG, INDIANA CO., PA., May 2d, 1883.

Dear Sirs: I have put sixteen acres of oats in with the Acme. I harrowed it but once, and it did as well as if I had harrowed it twice with any other harrow. I have recommended it to my neighbors, and they are highly pleased.

(Signed)

Yours,

ROBERT COLEMAN.

607

INDIANA, INDIANA CO., PA., Nov. 8th, 1882.

Dear Sir: I have used the Acme Harrow for two seasons and it is superior to any other. I believe it the best tool on earth.

(Signed)

GEO. DICKIE, SR.

608

INDIANA, INDIANA CO., PA., Nov. 6th, 1882.

MR. JAMES ST. CLAIR.

Sir: I have used the Acme Harrow this season and believe it to be the best in use. It does its work well, and I would not do without it or exchange it for any other.

(Signed)

SILAS M. CLARK.

609

INDIANA, INDIANA CO., PA., Nov. 8th, 1882.

Dear Sir: I have used the Acme Harrow for two seasons and it is the greatest I ever saw; does the best work.

(Signed)

JOHN R. CAMPBELL.

610

BLACK LICK, INDIANA CO., PA., Nov. 9th, 1882.

Dear Sir: I have used the Acme Harrow for two seasons and it is the best in the market.

(Signed)

Yours, &c.,

A. S. PATTERSON.

611

BROOKVILLE, JEFFERSON CO., PA., Oct. 18th, 1883.

Gentlemen: The Acme is the best harrow I have ever used. I have used it on clayey, loamy, gravelly, sandy and stony soil, and find it does all and more than is claimed for it. It is a tool no farmer can afford to be without, as no other tool can so well prepare the soil for a seed-bed. It is not, as a great many suppose, a heavy drag on a team. I find that with the driver on the seat the draught is not as heavy as many of the ordinary harrows. I most earnestly recommend it to all who delight to work with good tools, and thoroughly do good work.

(Signed)

Yours truly,

P. B. COWAN.

612 MOSS SIDE, CARBONDALE, LACKAWANNA CO., PA., Nov. 4th, 1882.
Gentle: The Acme Harrow you sent me last spring I tried on sod turned over in September, 1881, soil, clay loam, baked. A number of my neighbors witnessed the trial. At first they ridiculed the idea, but after the harrow had worked a short time they all expressed their astonishment. It fitted the ground complete for any kind of a crop. The ground was free from stones of any size, and like other harrows, it does better work on land free from stone. I am much pleased with it. Truly yours,
(Signed) D. K. MORSS.

616 CAINS, LANCASTER CO., PA., June 1st, 1883.
Dear Sirs: In preparing our corn and tobacco ground the Acme has given us full satisfaction.
(Signed) Yours respectfully,
M. P. COOPER.

617 LANCASTER, LANCASTER CO., PA., Oct. 5th, 1883.
Gentlemen: In reply to your inquiry of the 4th inst., asking experience with the Acme Harrow, will say that my land was prepared with it, about 23 acres for corn and potatoes, last Spring, and about 24 acres for wheat in the month of September. Mr. J. W. Thompson the farmer and Mr. J. Lemon, his help expressed great satisfaction with the working of the "Acme," declaring that they had never seen any harrow do its work so well. That twice going over the field put the seed bed in perfect order, and much better than they had ever known the spike harrow to do in four workings. A special excellence of this implement is in making a deep seed bed, crushing the clods, leveling the ground, and not dragging to the surface sods, corn stalks, etc., turned under in plowing, as is done by the spike harrow. The soil is a clay loam.
(Signed) Yours truly,
JAMES BLACK.

618 LITTLE BRITAIN, LANCASTER CO., PA., Oct. 8th, 1883.
Gentlemen: I consider the Sulky Attachment, for the Acme Harrow a great improvement, and shall recommend all purchasers to try one. I did not try it with my No. 6, but found that with it, two horses could work a No. 7 quite as easily as they could draw a No. 6 and a rider without the attachment. On most soils a No. 6 needs some weight to hold it down, and the Sulky Attachment supplies this need exactly. If my comparison is correct the difference in the length of the two harrows would make a reduction in draft of 15 to 20 per cent. The soil on which I tried it was quite easily worked, though on the hardest places I did very satisfactory work. I have no fear of breakage with fair treatment.
(Signed) Yours truly,
HOWARD COATES.

619 LITTLE BRITAIN, LANCASTER CO., PA., Oct. 6th, 1883.
Gentlemen: The Acme Harrow purchased of your agent, H. Coates, last Spring, has given entire satisfaction. My wheat ground this fall, was the most difficult to work up that I ever had. Much of it was a heavy clay soil, which the wet season, and its unfavorable condition when the manure was hauled upon it, had made so solid that it plowed up very lumpy. By using the Acme I soon got it in good condition. By its thorough work, it saves one-half the time in preparing ground, and I heartily recommend it to all farmers as the best harrow I have seen. Yours truly,
(Signed) HENRY C. WOOD.

620 CAIN'S, LANCASTER CO., PA., Oct. 7th, 1883.
Gentlemen: The Acme has given us very good satisfaction. We use it in limestone land, generally loamy, some gravel.
(Signed) Yours respectfully,
M. P. COOPER.

621 BUYERSTOWN, LANCASTER CO., PA., Oct. 3d, 1883.
Dear Sirs: The Acme Harrow that I purchased of your agent, H. M. Caldwell, is one of the best harrows that I ever used. Have used the Penn Harrow, the old drag harrow, and the hinge harrow, and believe it to be far superior to them all; it is of much lighter draught. I have tried it on sandy, clayey and loamy soil, and when the ground is very stony and rocky; it gave good satisfaction in all. I also plowed corn-stalks for wheat. It is excellent for preparing the ground. It pulverizes thoroughly, and does not tear up the corn stubs nor weeds, and it levels it off nicely.
(Signed) Yours respectfully,
JOSIAH WERSHEY.

622 EAST BROOK, LAWRENCE CO., PA., Oct. 25th, 1883.
Dear Sirs: I purchased one of your Acme Harrows last Spring from T. S. Fisher, and after using it on all kinds of soil, both Fall and Spring, am well pleased with it. I did more with one stroke on my oats last Spring with the Acme than I did with two with my old harrow. Yours truly,
(Signed) W. S. McMILLIN.

623 MT. JACKSON, LAWRENCE CO., PA., Nov. 8th, 1882.
Gentlemen: In reply to your favor of 28th ult., I will say that the harrow I purchased of you gives the best of satisfaction. I have used it on gravelly soil, but never without plowing, and do not hesitate to recommend it.
(Signed) Yours truly,
CLEMENT CLARKE.

624 LEBANON, LEBANON CO., PA., Sept. 4th, 1883.
Dear Sirs: The harrow I purchased of you last Spring does all you recommended it to do. I have used it on shell, limestone, clay and stony land, and it put the ground

in as good order going once over it as the Scratch Harrow would have done in going over it twice. It levels the ground, and leaves it in much better order. I would recommend it to any farmer that wants a good harrow.

(Signed)

Yours truly,

R. WATSON.

625

PLAINVILLE, LUZERNE CO., PA., Oct. 5th, 1882.

Dear Sirs: Am pleased to say that I have given your Acme Harrow a thorough trial and with the most satisfactory results. My soil is sandy loam. Last Spring I harrowed potato ground over three times before sowing with oats, and they were just as good as any from plowed land, and free from weeds. I plowed for onions last fall and used the Acme this Spring with the best result. For harrowing down corn stubble I would not be without it, if for no other purposes.

Very respectfully,

(Signed)

GEORGE ECKHAUT.

626

TOWNSHIP, LUZERNE CO., PA., Sept. 24th, 1882.

Dear Sirs: The Acme is the very thing to prepare ground for seeding, and also for putting in grain. I finished sowing a field of wheat Saturday, which was prepared and the grain put in with the Acme. I am more than pleased with it. Yours,

(Signed)

J. W. STEVENS.

627

MYRTLE, MCKEAN CO., May 6th, 1882.

Dear Sirs: I thought for a time that it would not dry off so we could try the Acme, but at last it did dry off, and the Acme did extra well.

Yours truly,

(Signed)

G. C. HICKOK.

628 Under date of Oct. 4th this gentleman wrote again as follows:

Dear Sirs: I bought one of Acme's last Spring, and it was a "seven days' wonder" in the neighborhood. Have used it on some of the worst land that can be found. I put in twenty acres, that was so tough with brakes, golden rod and berry brush that we could hitch a team to a piece 50 feet long and draw it off. The Acme put it down in good shape, and I could not find any other that could have more than rolled the furrows over and over. I used it on a piece of clay that was all baked in lumps, and by going over the piece three times made it fit to seed. In fact, it is good anywhere that you want a harrow. On account of light draft I can draw two of the Acme's as easily as I can one of the spring tooth. Yours truly,

(Signed)

G. C. HICKOK.

629

CENTRETON, MERCER CO., PA., Aug. 10th, 1881.

Gents: Yours of July 25th received. As regards your Acme Harrow, and as to how it works, I think it is a very good implement for cutting up and pulverizing the surface of the ground, and will do, on sod and hard plowed ground, what no other harrow which I have used will do so well.

Yours,

(Signed)

S. COLEMAN.

630 Under date of Nov. 30th, 1882, this gentleman writes again as follows:

Dear Sirs: I have used the Acme for two years on ground, some of which is clayey, some gravelly, none very strong. If the full benefit of the Acme is desired, put on three horses, and let a good-sized driver get on the seat, then things will look differently. For good work on hard ground or on ground wished to be leveled up and ground up, you must, as I above stated, put on three horses and load on a heavy driver; then if the ground is in proper condition as regards moisture, I know of no harrow to compare with the Acme.

Yours,

(Signed)

S. COLEMAN.

631

REEDSVILLE, MIFFLIN CO., PA., June 18, 1882.

Dear Sirs: Those harrows I bought of you gave good satisfaction. Think I will be able to send you an order for five or six about the first of August.

Yours truly,

(Signed)

JONATHAN HOOLEY.

632

MCVENTOWN, MIFFLIN CO., PA., Nov. 3d, 1882.

Gents: I have given the Acme Pulverizing Harrow a thorough trial on two fields, 20 acres of different kinds of soil. One field was flint soil, and once going over with the harrow made a complete job. The other field was a heavy limestone clay soil; I thought, now comes the tug of war for the harrow. This was Fall worked ground, very dry and lumpy, but we put the harrow to work, and went over it about three times, and had a fine seed bed for wheat, which we harrowed in with the same, and made a good job.

Respectfully,

(Signed)

ELIAS MILLER.

633

EAST STROUDSBURG, MONROE CO., PA., Oct. 27th, 1883.

Sirs: I have concluded to send you a statement of how I like the Acme Harrow. I must say that it is a complete tool. I have tried it on gravelly soil, tough sod, and hard-baked soil. I plowed a lot in town that had been driven over. It plowed up in large chunks, and was very hard. I eat on the harrow, and after driving over two or three times made a complete job of it. I must say that it goes ahead of anything I ever saw.

Yours truly,

(Signed)

M. V. B. DETRICK.

634

ANALOMINK, MONROE CO., PA., Oct. 28th, 1881.

Gents: It gives me pleasure to state that I have had your Acme Pulverizing Harrow in constant use during the season just passed, and find it to be an invaluable implement. It has saved its cost twice over by saving all the work of raking the soil smooth, which the use of the old harrow always necessitated. For this reason alone

market gardeners should not be without it, while the saving of hand labor in covering up furrows after the planting of peas, beans, etc., and leaving the soil as smooth as a table for hoeing the started crop, still more enhances its value. My neighbors, to a few of whom I lent the Acme for use, are loud in its praises, and if they could not borrow mine, would no doubt buy one for themselves. Yours truly,

(Signed)

H. F. SCHWARZ.

635 Under date of Nov. 15th, 1882, this gentleman writes again, as follows:

Dear Sirs: The Acme Pulverizer I bought of you in the Spring of 1881, and my high opinion of which I attested in a letter at the time, is still in constant use on my truck farm here. The longer I have it and use it, the more labor-saving uses do I find for it, and the more strongly am I impressed with its great utility. I could not get along without it now that I know of its advantages. Yours truly,

(Signed)

R. F. SCHWARZ.

636

BOYD FARM, DANVILLE, MONTGOMERY CO., PA., July 1st, 1880.

Dear Sirs: I have given the Acme Harrow a most thorough trial; I have used it on Fall and Spring plowed ground, light and heavy soil, and find it perfect as a harrow, pulverizer and leveler.

(Signed)

Yours truly,

J. C. BOYD.

637

LIMERICK STATION, MONTGOMERY CO., PA., Oct. 4th, 1883.

Dear Sirs: I did not have a chance to use the Sulky Attachment as I sold it with the harrow same day they reached me. I saw the man to-day. He is well pleased with the working of the harrow, and would not be without the Sulky Attachment.

(Signed)

Yours truly,

J. FRANK KUGLER.

638

LIMERICK SQUARE, MONTGOMERY CO., PA., Sept. 29th, 1883.

Sirs: The Acme Pulverizing Harrow, purchased last May of your agent, J. F. Kugler, of Limerick, has given perfect satisfaction. It is all you claim for it. I have used it on lumpy ground and tough sod and find that it will do the same work, with half the labor for a team, as any tool I have ever used. I have come to the conclusion that I can put any kind of soil in first-class condition for seedling with the "Acme." I have not taken any other harrow to the field since I got the "Acme." It is a harrow every farmer should have.

(Signed)

Yours respectfully,

JACOB STEARLY.

639

POTTSBORO, MONTGOMERY CO., PA., Oct. 2nd, 1883.

Gentlemen: Last Spring we took on trial from your agent J. F. Kugler, one of your No. 4 Acme Pulverizing Harrows. I did not have any notion of buying a harrow at the time, so I put it to work on a piece of tough sod which I had plowed with 3 horses. I put my son, 13 years old, to work it. I inspected its work closely, and found that it worked the ground thoroughly from the bottom, leaving a fine seed bed for planting corn. One of my neighbors came to see it work, and was much pleased with it; will want a harrow himself the coming season. I tried it on a piece of corn stubble not plowed, it put the ground in first-class order. It covered grain nicely; my neighbors thought it was drilled in. I would not be without it at double the cost.

(Signed)

Yours with respect,

ANDREW WALT.

640

LIMERICK STATION, MONTGOMERY CO., PA., Oct. 2nd, 1883.

Gents: Too much cannot be said in favor of the Acme Harrow, as a pulverizer, clod crusher and leveler. It pulverizes the ground thoroughly and thus leaves a fine seed bed ready to receive the seed. The one I purchased of your agent J. F. Kugler, last Spring gave perfect satisfaction in every particular. I can cheerfully recommend it to all farmers who are in want of a first-class harrow. Get the Acme and you will not be disappointed.

(Signed)

Yours truly,

J. N. CHRISTMAN.

641

LIMERICK STATION, MONTGOMERY CO., PA., Oct. 8th, 1883.

Sirs: The Acme Harrow bought from your agent, J. F. Kugler, gives perfect satisfaction. It has the right name, for I think it cannot be surpassed for putting any kind of ground in order. It is worth the confidence and patronage of the farming community.

(Signed)

Respectfully,

JOHN W. REID.

642

LIMERICK, MONTGOMERY CO., PA., Oct. 2nd, 1883.

Gentlemen: The Acme Pulverizing Harrow purchased of your agent, Frank Kugler, of Limerick, has proved itself very valuable on my farm. It thoroughly pulverizes the soil, works every inch of the land, the full width of the machine. The clod crusher and leveler does effective work, leaving the ground in fine order. I can without hesitation, say that it is worth every cent it costs, and that every farmer who wants to get his land in perfect order should have one.

(Signed)

Yours truly,

ISAAC LINDEMAN.

643 MR. FRANK KUGLER.

LIMERICK, MONTGOMERY CO., Oct. 3rd 1883.

Dear Sir: I used the Acme Harrow, purchased of you last Spring on my farm this Summer. It did good work although being unacquainted with the working of the harrow: it was an entirely new thing to me. Nevertheless it not only pulverizes the ground completely, but puts to silence those who condemned it without giving it a trial.

(Signed)

Yours respectfully,

J. C. BARLOW

644 LIMERICK STA., MONTGOMERY CO., PA., Oct. 1st, 1882.

Dear Sirs: I was induced by your agent, J. Frank Kugler, to try one of your Acme Harrows. I was putting in oats at the time with the old drag harrow. I tried the Acme side by side with the drag and was soon convinced that it was the best. I ordered my man to take the old drag out along side the fence. Did not have the corn stubs hooked out on top of ground, like old drag or spring tooth harrow would have done. The Acme also crushed the clods and leveled the ground so it was not necessary to roll my oats. I tried it in sod for corn; and must say it was a pleasure to plant corn, plenty of loose ground. For seeding it is the most complete implement I ever worked. In pulverizing the soil it does not drag the manure in heaps, does not leave the ground in ridges like the plow. I would say to any farmer in want of a harrow, buy none but the Acme, as you won't be cheated. Yours respectfully,

(Signed)

WILLIAM EVANS.

645 LIMERICK, MONTGOMERY CO., PA., Oct. 8th, 1882.

Dear Sirs: Last Spring I purchased an Acme Harrow. Used it this season with perfect satisfaction. Lent it to one of my neighbors, to prepare his corn ground, and he was well pleased with its work. I would not be without one. It cultivates the ground to my satisfaction.

(Signed)

Very respectfully,

J. SAYLON.

646 LIMERICK, MONTGOMERY CO., PA., Oct. 2nd, 1882.

Dear Sirs: The Acme Harrow, which I purchased of your agent, J. F. Kugler, has given perfect satisfaction. I think it has no equal in the world as a clod crusher and leveler. I would say that I never had a better piece of machinery on my farm, and would advise all in need of a harrow to purchase the Acme. I would not take \$50 for mine if I could not get another.

(Signed)

Yours truly,

D. F. GROFF.

647 BETHLEHEM, NORTHAMPTON CO., PA., Oct. 3d, 1882.

Gentlemen: Upon the recommendation of the Hon. Silas M. Clark, of our Supreme Court, I purchased two Acmes last Spring, one for my farm near this place, which is a rich, heavy limestone soil, and one for my place called Ross Common, on the summit of the Wind Gap of the Blue Mountains, where the soil is poor, stony, wet and clayey. The Acme was a complete success on both farms and fully demonstrated the maxim that "Tillage is Manure," and that the Acme is the Tiller. The limestone land, which is equal to any land in the State, emerged from under the action of the Acme looking like a garden bed, and gave the best yield of oats and corn I have had for years. The land at Ross Common was poor and exhausted, but three harrowings with the Acme and a couple of hundred pounds of bone phosphate to the acre, gave me the best stand of oats and buckwheat to be found in Monroe Co. Upon their arrival at the respective farms, and whilst doing their work they were under the earnest inspection of dozens of our best farmers, who all praised the work done.

(Signed)

Truly yours,

CHARLES BRODHEAD.

648 RIVERSIDE, NORTHUMBERLAND CO., PA., Oct. 2nd, 1882.

Dear Sirs: I purchased one of your No. 6 Acme Harrows last Spring. I have used it on sandy, loamy and gravelly soil. Consider it by far the best harrow I ever used. I have no more use for the old double forty toothed harrow, believing the Acme can take its place in every respect and give better satisfaction. The draft of the Acme is one-third less than the harrow I have used, and twice harrowing with it is better than three times with other harrows. I would not be without one for twice its cost.

(Signed)

Yours respectfully,

C. C. SMITH.

649 NORTHUMBERLAND, NORTHUMBERLAND CO., PA., Oct. 23d, 1881.

Dear Sirs: In reply to your inquiry in regard to the Acme I bought of you, I would say I have used it on a variety of soils, from sandy soil, clay and stone, and I find it is a speedy way of getting the soil in good condition for seed. I could do without an ordinary harrow, and put the soil in good condition with the Acme. Wishing you success, I am, very truly yours,

(Signed)

R. C. McWILLIAMS.

650 Under the date of Dec. 20th, 1882, this gentleman writes us again as follows:

Dear Sirs: I am of the same opinion in regard to the Acme as I was upon first using it, and it improves, in my estimation, the more I use it. It is a handy implement, especially on rough ground, and where land has been plowed in the Fall.

(Signed)

Yours very truly,

R. C. McWILLIAMS.

651 200 & 322 S. FRONT ST., PHILADELPHIA, PA., Oct. 23, 1883.

Dear Sirs: It gives me pleasure to be able to testify to the merits of your Acme Harrow. Not only has it done most effective work for me, but for my neighbors, to whom I loaned it, and who are loud in its praise. Our soil is clayey, inclined to be stiff; the Acme pulverizes and renders it fit for seeding in less time, and more thoroughly than any harrow I ever saw used.

(Signed)

Yours very truly,

EDWARD WALDEN.

652 ULYSSES, POTTER CO., PA., Oct. 14, 1885.

Gentlemen: The Acme Harrow, which I purchased from you last Spring, I have used on a number of different kinds of soil, and find that it works well on all kinds of land where a harrow will work. On sod it is ahead of anything I ever saw, for it will not pull up the sod. Another good feature that it has is, that it will not draw stones across the field under it. It is better than any other for covering grain.

(Signed)

Yours truly,

GEO. HENRY.

652½

LAVANVILLE, SOMERSET CO., PA., Nov. 15th, 1881.
Gentlemen: I have bought an Acme Pulverizing Harrow from H. H. Flick, who is agent for this county, and can say it is the best farming implement that I ever used for preparing the soil for seed bed. I highly commend it to farmers as a useful farm implement.

(Signed)

Yours truly,

JACOB F. WALKER.

653

Under date of Nov. 3d, 1882, this gentleman writes again as follows:

BERLIN, SOMERSET CO., PA., Nov. 3d, 1882.

Gents: I have used an Acme Pulverizing Harrow for about a year and a half. I have used it on clay soil and gravelly soil. It has always given good satisfaction. I consider it the best implement that I have ever seen or used to prepare the soil for a fine seed bed.

(Signed)

Respectfully yours,

JACOB F. WALKER.

654

SHUNK, SULLIVAN CO., PA., Oct. 13th, 1883.

Respected Friends: At thy request I would say that I used the Acme on sod spread with long coarse manure, which it worked in without clogging, and mellowed the ground better than any other harrow that I ever used. I like it very much, and think that it will do all that is claimed for it.

(Signed)

Respectfully,

JOHN S. BROWN.

655

DUNDAFF, SUSQUEHANNA CO., PA., Nov. 6th, 1882.

Gentlemen: I have used the Acme Harrow on clay soil more or less stony, principally for pulverizing and leveling of old plowing, and find it to work satisfactorily, making a good seed bed on very hard and compact soil with two harrowings. Have also used it to put in grain on same ground with good results.

On sod turned over in Spring the Acme does better work than any harrow I ever used, making a mellow seed bed to a depth of four to five inches. Am well pleased with my purchase, and consider it a great improvement over the old-fashioned tooth harrow.

(Signed)

Truly yours,

A. H. AYERS.

656

LATHROP, SUSQUEHANNA CO., PA., May 3d, 1882.

Gentlemen: We ordered the No. 6 Acme on trial by faith upon your representation, and not from our own judgment. When our eyes beheld it we said: "An implement for the West, but not for the East." An impartial trial to-day removes all doubts and convinces us that the Acme has come a saviour to even the farmers of Susquehanna County, Pa., as well as to serve those who possess the boasted gardens of the West. And it is our opinion that since it does good work in Susquehanna County it will generally in the East. Almost any contrivance works on the plains, but it requires a good implement to grapple with hill farms.

We first put it on Spring plowed ground, quite free from stones—did enough without riding—left the soil like a feather-bed. Next went to a neighbor who had sod turned last Fall, a liberal supply of smallish flat stones, ground unusually hard. Besides ourselves, three good judges were present, and said, "The ground should be plowed again," another, "It is an unfair test, and it won't do good work in such a place as this." Twice in a place crosswise the furrow made a good mellow seed bed for corn planting. Then went cornerwise once in a place, making three times, and it was like an ash heap to a depth of three or four inches or more. The furrows were not well turned in plowing, still no sods were turned up, but all put down in the most desirable manner. Some coarse manure was on a strip and it did good work in putting it well into the soil even with the ground so hard.

(Signed)

Yours truly,

MACKAY BROS.

657

HOP BOTTOM, SUSQUEHANNA CO., PA., Oct. 12th, 1883.

Dear Sirs: We have used the Acme on clay, loam, sandy, and stony soil. For thorough tillage, with the same amount of labor no implement equals it. Last Spring we fitted ten acres of turf for planting with it, and it is a truth that we saved at least one-half the labor in tending the corn and potatoes. Mackey Bros., of this place, used it in the same field with the best floating and sulky harrows in use, and they said the Acme did better work than any implement they ever saw.

(Signed)

Very respectfully,

P. S. BRONSON,

G. C. BRONSON.

658

FRANKLIN FORK, SUSQUEHANNA CO., PA., Oct. 8th, 1883.

Dear Sirs: I have used your No. 6 Acme Harrow for over a year on our land, which is nearly all steep side-hill, and full of small flat stones. I think it is as good as any spring tooth. When I wish to cover grass seed I do not have to go and hunt up a brush, or hitch on to a roller like some of the farmers, for the Acme covers it evenly and well.

(Signed)

Yours truly,

H. H. CROWWELL.

659

OSCEOLA, TIoga CO., PA., Oct. 8th, 1883.

Gentlemen: I received yours of Oct. 1st. Would say that I fitted with the Acme Harrow that I bought of you last April, ten acres of sod ground plowed last Fall (heavy clay soil) for corn, by going over it three times, which put it in better condition for planting than I have ever had before. Have used it preparing ground for wheat this Fall. It leaves more mellow and finer dirt behind it than any pulverizer I have ever used.

(Signed)

Yours,

C. B. HOYT.

660

WEIKERT, UNION CO., PA., Sept. 15th, 1883.

Dear Sirs: I used the Acme where the clod- were very hard. It did not pulverize them quite as well as I expected, but better than any other instrument would have

done. The way it operated on rocky, early plowed sod was amazing. I am well pleased with the Acme.

(Signed)

Yours truly,

CLAS. O. BROWN.

661

SHAMBURG, VENANGO Co., PA., Oct. 5, 1883.

Dear Sirs: I have used the Acme Harrow, bought of you, on clay sod land, plowed wet, which becomes hard. I went over once, and about one-half of it twice, and then it commenced to rain so I could not harrow any more. The ground was in better condition than it could be made in going over it six times with a spike tooth harrow. I have used it on new stumpy land with satisfaction. Also on stony ground and on buck-wheat stubble for rye without plowing. It did good work, and made an extra mellow seed bed. I think it cannot be beaten. My neighbors who have seen the work done by it speak in great praise of it.

(Signed)

Yours truly,

DR. H. H. WINANS.

662

WALLACEVILLE, VENANGO Co., PA., Sept. 18th, 1883.

Dear Sirs: I bought one of your Acme Pulverizing Harrows and am well pleased with it. I think it is the best thing in use to pulverize. I think I am well paid for it already.

(Signed)

Yours truly,

A. P. MILLER.

663

PLEASANTVILLE, VENANGO Co., PA., Nov. 6th, 1882.

Dear Sirs: You requested me to send you my experience of the use of your Acme Pulverizer. It does all that you claim for it and will do more with any one that knows how to use it. Time and the use of the machine will teach any one its worth in any kind of farm work it is designed to do.

Now, sir, I will tell you what I have been doing: The first of its use was on last Fall's plowing to prepare the ground for oats, in which it did its work remarkably well. The next was to prepare the ground for oats on an eight acre lot and sowed the seed and finished with the Acme, going twice over. The next I plowed part of stubble and part of clover sod for Fall wheat, and finished with the Acme twice over and seeded down with timothy and clover seed. All the seed took well. It is the best tool for preparing land for a seed crop of any tool I ever saw or ever used. I had two gentlemen come to see me when I had just got the ground ready for the seed and they saw the land and said they thought it was the best piece of prepared ground they ever saw, and they are old farmers. I intended to have written to you before now, but I waited to tell you what it would do. I have not told you half what it is worth; if any of your patrons want to know direct from me you may give reference and use my name.

Yours respectfully,

(Signed)

JOHN ARMSTRONG.

664

COAL HILL, VENANGO Co., PA., June 15th, 1882.

Dear Sirs: I had intended writing to you (without your request) to give my opinion of the Acme Harrow purchased of you. It does all you claim for it. I tried it first on sod turned over this Spring. I saw at a glance that it would do the work you claim for it. Next on a piece of land turned over last September that had got very hard in places. I had to go over three times, then it was like an ash heap. I then put it on a sod that was turned over last November—a very tough sod that had not been turned over for twenty years. It cut up the sod and pulverized the ground in such a way that I planted my corn with a drill; without I could not have done it. It's a most excellent tool and not hard on the horses.

(Signed)

Yours respectfully,

S. SPRECHLY.

666

PLEASANTVILLE, VENANGO Co., PA., 1882.

Dear Sirs: The Pulverizer is a grand success on sod or stubble land. No farmer can afford to be without it. Have just finished planting a tough sod plowed last Fall. The pulverizer made it like a garden bed. Never saw any land so nice. Harrowed in all my oats with it. They came up evenly and looked splendid.

(Signed)

J. Y. SIGGINS.

666

WEST ALEXANDRIA, WASHINGTON Co., PA., Mch. 14th, 1883.

MR. JOHN ROBINSON -
Sir: The Acme Harrow (No. 6), which we bought of you last Fall, we think is the best harrow we ever used on all kinds of land on which we have used it. I can put in all kinds of small grain, on stalks or stubble land, without any plow. It leaves the land level. It is the best harrow on sod, when broken with a turn-down plow, that we have ever used. It pulverizes the soil as deep as plowed, which we think is the main thing for any crop.

(Signed)

Yours respectfully,

JOHN C. PORTER & BRO.

667

September, 1881.

We each having bought of your agent, John Robinson, one of your Acme Pulverizing Harrows and used the same on different kinds and conditions of soil, unite in pronouncing it the best tool for the purpose intended we have ever used or seen used. We think no farmer's stock of tools is complete without an Acme.

CAMPBELL RICE,
WM. RICE,
ISAAC DAVIS,
W. F. WHITTAN,
D. T. ATKINSON.

WEST ALEXANDER, WASHINGTON Co., PA.

668

CORHAN, WARREN CO., PA., May 30th, 1883.

Dear Sirs: The Harrow came all right. It is perfection itself; works well on roots and stumps. You will remember that I wrote you once that I was afraid of it in rooty ground, but the fear is gone.

(Signed)

Respectfully yours,

T. H. RUSSELL.

669

GARLAND, WARREN CO., PA., May 14th, 1883.

Gentlemen: The Acme Harrow which you sent me, I received in good condition. I set it up, according to directions, and put it in a field, on which I had tried a Spike-Tooth Butterfly Harrow a few days before, and with which I passed over the ground eight times, but it was baked so extremely hard that it had but little effect. When I got the Acme in complete order I started it in, and, to my astonishment, found by passing over it three times, with the front tooth-bar dropped rather low, that it did the best work that I ever saw done with any kind of a harrow. I let one of my neighbors use it a half day, and he wants me to get him one as soon as possible.

(Signed)

Yours truly,

A. E. MYERS.

670

TIDIOUTE, WARREN CO., PA., June 7th, 1883.

Dear Sirs: I have tried the Acme Harrow in most every kind of soil, and am very well pleased with it. It will do all you claim for it.

(Signed)

Yours respectfully,

J. W. KERNEY.

671

TIDIOUTE, WARREN CO., PA., Oct. 9th, 1883.

Sirs: In reply to yours of 1st., would say that I have used the Acme on clay and stony land, and it gave satisfaction. I used it on wheat stubble with best results. I have used it side by side with other harrows, and it did better work in going over the ground once than the other harrows did in going over it three times. The only fault is that everybody wants to borrow it after they see it work.

(Signed)

Very respectfully,

J. W. KERNEY.

672

HONESDALE, WAYNE CO., PA., Nov. 9th, 1882.

Gents: I have used the No. 6 Acme Harrow, which I purchased of you last Spring, in all of my farm work during the past season. Although used with hands unacquainted with it and unfavorably disposed toward it, the harrow has given great satisfaction and has won the approval of those who condemned it without a trial. It has only been used in harrowing plowed land, of a clayey nature, and more or less stony. I have used it on freshly plowed green ^{and} and, and it prepared it beautifully for corn. It has proven a decided success.

(Signed)

Respectfully yours,

EDWARD O. HAMLIN.

673

PLEASANT UNITY, WESTMORELAND CO., PA., Sept. 15th, 1883.

Gentlemen: Harrow received Monday, 10th September. Tried it yesterday and am well pleased with it. Enclosed please find remittance.

(Signed)

Yours truly,

WM. A. NICOLLS.

DELAWARE.

675

TOWNSEND, NEWCASTLE CO., DEL., Nov. 2d, 1882.

Gents: The Acme Harrow is the great tool of the age. It is three (3) indispensable combined in one, viz.: Harrow, Roller, and Grain Drill, and I might say Gang Plow. I put in six acres of oat stubble without plowing, and eight acres of stalk ground, where I took off a very heavy crop of corn, and to-day no finer piece of wheat is to be found. They are as smooth as though they had been plowed and rolled. I could not be without one, and, farther, I could not accept the best grain drill in America as a present and be compelled to use it. I have used it on all kinds of land, stiff clay, loam, gravel, muck, among stumps, and used it for every purpose that a harrow or drag could be used; it always did the work. It is of very light draft. I can't praise it enough.

(Signed)

Yours truly,

GEORGE WIGGIN,

676

St. GEORGE'S, NEWCASTLE CO., DEL., Nov. 6th, 1882.

Gentlemen: We have used the Acme Harrow during the past season on our truck farm with perfect satisfaction. For putting the soil in the fine condition necessary for planting vegetable seeds it far exceeds anything we have ever tried. It levels the land and pulverizes to any required depth, with considerable saving in time and horse-flesh, and seems to be in every respect the very implement we want. The soil on this farm is loamy and rather easy to work, but we have an Acme in use on a grain farm which has a clay soil. The merits of the Harrow are perhaps more fully shown there. In preparing land for wheat after heavy rains, where ordinary harrows fail entirely, the Acme did perfect work, pulverizing to the required depth and leaving the surface as fine as a garden. With us it "fills the bill" under all circumstances, and we regard it as one of the necessary implements of the farm.

(Signed)

Very truly yours,

MCWHORTER BROS.

677

WILMINGTON, NEW CASTLE CO., DEL., Oct. 4th, 1883.

Gents: Since receiving the Acme Harrow from you last Spring I have used it for preparing ground for oats, corn, and wheat, which it did in a very satisfactory manner. I think it the most efficient implement for pulverizing the ground I have ever seen. My neighbors, who have seen it work, also are pleased with it. My soil is clay loam with a stony clay sub-soil.

(Signed)

Most respectfully,

JAMES H. HOFFECKER.

678

NASSAU, SUSSEX Co., DEL., Oct. 5th, 1883.
Gents: I used the Acme Harrow No. 6 to prepare land for planting and sowing, in part heavy clay and quite lumpy. "Two passages of the Acme" fined the soil to a condition fit for an onion bed" was remarked by the man who drove the team. In fact the harrow will do what you say it will. Several in this neighborhood are using it, and all say it is the best pulverizer, clod crusher, and harrow they ever saw.

Yours respectfully,

(Signed)

THEO. W. ROBBINS.

679

LEWES, SUSSEX Co., DEL., March 14th, 1883.
Dear Sirs: I send you to-day by registered letter \$25.00, in settlement for the Acme Harrow. I tried it on timothy sod and on ground that was in corn last year. It did excellent work in both places, and I am highly pleased with it. It more than exceeds my expectation and I do not hesitate to say the Acme is the best harrow in use.

Yours very truly,

(Signed)

JOHN N. HODD.

MARYLAND.

680

RAWLINGS, ALLEGHANY Co., MD., Oct. 1st, 1883.
Gentlemen: The Acme Harrow, ordered by me, has been received and gives general satisfaction so far.

Respectfully,

(Signed)

M. A. FROST.

681

RAWLINGS, ALLEGHANY Co., MD., Nov. 14th, 1882.
Gentlemen: The Acme Harrow we got from you gives great satisfaction. I used it in preparing land for corn and also for oats, wheat and root crops, and am much pleased with the results. Some of the land was very stony, but the Acme worked it well, and we did not have any breakage. I have not used it for putting in grain on stubble without plowing, as our land is too stiff for such kind of tillage.

Yours very truly,

(Signed)

GEO. F. BROWNING.

682

ANNAPOLIS, ANNE ARDUEL Co., MD., May 17th, 1880.
Sirs: I am now prepared to report more fully on the working of your Acme Harrow. I gave it a fair trial in my cornfield side by side with a Straight Tooth Harrow, and it leaves the ground in a much better condition for planting than the straight tooth. It lightened up the ground and makes a very nice seed bed. I sent for my next neighbor to see it work, who was very much pleased with it. I have now loaned it to another neighbor, and have no doubt he will make a favorable report.

Yours truly,

(Signed)

THEO. CORNER.

683

PIKESVILLE, BALTIMORE Co., MD., Nov. 6th, 1882.
Gentlemen: I have to report in regard to the Acme Harrow you sent me, that I am much pleased with it and it comes up in its work to all you claim for it, and is certainly the best harrow to put ground in order for a seed bed I have yet seen, and no farmer who wishes to put his ground in proper condition can afford to be without one.

I tried it on light and heavy soil and it did well on both, leveling and fining the ground much better than our old style harrow, and for putting corn stubble in oats it is better than anything I have seen to run by horse power, as it cuts the corn stalks off and tears them up without the necessity of doing so with a man or boy with hoes, and the second harrowing will cover the seed nicely and save much labor, and do the work thoroughly and cheaply.

Yours very truly,

(Signed)

JOSEPH SMITH, JR.

Having run the Harrow, I agree with Mr. Smith, as above.

(Signed)

WM. H. COATES.

684

GOVANSTOWN, BALTIMORE Co., MD., Oct. 3rd, 1883.
Gentlemen: In reply to your queries as to the estimation I place on the capabilities of this most valuable implement, the Acme, I am pleased to report most favorably. I have not used it on unbroken sward; but after the plow I have, in less than half the usual time consumed by the spike harrow, reduced the clods and pulverized the land beautifully for the reception of small grain; and after, put in my oats and rye with the implement most satisfactorily, both of which crops have germinated more evenly than would have been the case with any other implement, except a well-constructed drill. Perceiving its great quality in rapid cultivation and its unequalled capacity in fine pulverization, I laid off a lot, rows ten feet apart, which I planted to corn, which I have this season cultivated exclusively with the Acme, in about one-fourth the time ordinarily consumed. I have noted this lot to be the best pulverized and by far the cheapest lot of corn on my place. The experiment of ten feet corn rows was made to test the Acme; and I have been so well pleased with the result that it is my intention to try the Acme on a larger field next year. It is my opinion that corn planted in rows ten feet apart, three inches in the row, one stalk to the hill, and cultivated by the Acme, will produce larger returns to the acre than will rows 3x4 or 4x4, cultivated by the ordinary implements. In conclusion, I would not be without the Acme which I most cordially recommend to my fellow agriculturists.

Respectfully,

(Signed)

J. A. CRAIG, M.D.

685

GOVANSTOWN, BALTIMORE CO., MD., Oct. 5th, 1883.

Gentlemen: I am very glad to add my own to the many testimonials in favor of the "Acme" Harrow. I have given the "Acme" a thorough trial on heavy clay and light land and find its working superb. I think it is an indispensable farm implement and ought not to be wanting on any well-managed farm. Every farmer ought to have it, even if he has to borrow the money from his neighbor to buy one. In my opinion it pays for itself in one year on a farm of 100 or more acres.

(Signed)

Respectfully,

HENRY SCHWARZ.

686

DEEP LANDING, CALVERT CO., MD., Oct. 17th, 1883.

Gentlemen: The "Acme" Harrow I purchased of you in April last gives entire satisfaction, and for all purposes is the best I have ever used. In July I plowed a field of stiff clay, very rough. It broke up in large clods and my neighbors said I never could get it pulverized. About the middle of September I went over the ground with the "Acme" Harrow once and then sowed it to rye, and harrowed it each way and it made the land fine and put it in splendid condition. I have just finished seeding 30 acres in wheat, where tobacco was grown the present season. I did not plow the ground but harrowed it each way with the "Acme," then sowed the wheat broadcast and harrowed twice. I never saw a finer seed bed. The soil was a clay loam.

(Signed)

Very respectfully yours,

L. J. VANDERWARKER.

687

BRINGHURST, CARROLL CO., MD., Oct. 6th, 1883.

Gentlemen: I have used the "Acme" Harrow I bought of you last Spring on heavy clay soil, in all conditions except stony, and it is the most complete tool I ever used. It takes the place of roller, drag and harrow at one passage. I would not do without it for twice the price of it. In cloddy ground it does more good to go over the ground once than to go over three times with any other harrow I ever saw.

(Signed)

Yours truly,

S. T. WHITMAN.

688

FINKSBURG, CARROLL CO., MD., Oct. 3, 1881.

Gentlemen: In reply to your note of the 14th I have much pleasure in saying the "Acme" Harrow has given me much satisfaction. It appears to do good work, both on sod and clean ground. All who have witnessed its work speak favorably of it.

(Signed)

J. A. RICHARDSON.

689 Under date of Dec. 8th, 1882, this gentleman again wrote as follows:

I wrote you in Oct., 1881, that I had used the "Acme" Harrow with much satisfaction, and after a more extended experience am happy to report that it continues to support the good opinion then expressed by myself and others.

(Signed)

Yours truly,

J. A. RICHARDSON.

690

ELKTON, CECIL CO., MD., May 25th, 1881.

Gentlemen: The "Acme" Harrow you sent me I have had in use several days and am fully satisfied with the work it does.

(Signed)

Respectfully,

THOS. B. LINCOLN.

691

MARSHALL HALL, CHARLES CO., MD., June 8th, 1880.

Dear Sirs: Your favor of the 3d inst. to hand and contents noted. I have not given the Acme sufficient trial to enable me to give it my testimonial; but from trials made both in hard and soft soil I feel well satisfied with the implement myself and consider it a good investment in my case.

(Signed)

Very respectfully,

J. WEBB LITTLE.

692 Under date of Nov. 3d, 1882, this gentleman writes again, as follows:

Dear Sirs: In response to your inquiry of 28th ult., would say, I have used your Acme Harrow during the season just passed, mainly in finishing down a piece of blue grass sod, plowed early, to be used for trucking purposes. It answered the purpose in every respect, and proved perfectly satisfactory.

(Signed)

Respectfully,

J. WEBB LITTLE.

693

FALLSTON, HARFORD CO., MD., Nov. 10th, 1881.

Esteemed Friend: In reply to your inquiry about the Acme Harrow, I will say I believe it is the best patent of the kind I ever saw, and is less liable to get out of order, and will not clog up with grass and manure like other harrows. I saw two pieces of ground last Spring where the Acme had been at work, and I do not think any other harrow could have put the field in as good order. I intend to have one as soon as I am able to PAY FOR IT, as you know that is MY PRINCIPLE.

(Signed)

Very respectfully, your friend,

WM. T. WATSON.

695

BEL AIR, HARFORD CO., MD., 18th August, 1881.

Dear Sir: The Acme Harrow purchased of you has, on trial, proved satisfactory. I regard it a really useful implement, well worth its price.

(Signed)

HENRY D. FARNANDIS.

696

FALLSTON, HARFORD CO., MD., August 1, 1881.

Dear Sir: Regarding the Acme Harrow which I bought from you, will again say what I said the day I paid you for it: That it will do more work going over the ground once than any harrow I ever saw going over three times. It thoroughly pulverizes the soil, working every inch of the land the full width of the machine. The Clod Crusher and Lever is a great thing to it, and leaves the ground in fine order. No weight on the horses' necks, and the draft is very easy, considering the work it does. I can, without hesitating, say that it is worth every cent it costs, and that every farmer who wants to get his land in perfect order should have one.

(Signed)

Yours, &c.,

JAMES K. HAMILTON.

697

DARLINGTON, HARTFORD Co., Oct. 9th, 1883.

Gents: I have used the the Acme Harrow on almost all kinds of soil the past season and am so well convinced it is "the harrow," that I will order another one next season.

Yours, truly,

(Signed)

E. C. HOPKINS.

698

LANKFORD, KENT Co., Md., Oct. 16th, 1883.

Gentlemen: I have used the Acme Harrow, sold by W. W. Cosden, on fallow and it does the best work I ever saw and with less labor. It also does good work on corn ground. It will do better work with less labor than the Randall, LaDow, Whipple, or any other harrow or cultivator that has ever been in use in this county. Too much cannot be said in favor of the Acme Harrow.

Yours respectfully,

(Signed)

COMEGYS COSDEN.

699

LANKFORD, KENT Co., Md., Oct. 15th, 1883.

Gentlemen: The Acme Pulverizing Harrow, bought of W. W. Cosden, is the best one I ever used. I used it on my fallow and it did better work in one harrowing than the "Twin" harrow would do in three. It saves labor and does good work.

Yours truly,

(Signed)

GEO. A. JESSUP.

700

ROCK HALL, KENT Co., Md., Oct. 29th, 1883.

Dear Sirs: The Acme Harrow that I bought of your agent, W. W. Cosden, Lanford, has given perfect satisfaction this season in preparing stalk land for wheat. It does better work than anything I ever used. I also used it on fallow ground and it put the ground in complete order.

Yours respectfully,

(Signed)

E. W. RODNEY.

701

LANKFORD, KENT Co., Md., Nov. 1st, 1883.

Dear Sirs: I have used the Acme Harrow this season on my stalk land in preparing it for wheat without plowing, and it gave perfect satisfaction. I think that it is one of the best implements in use for preparing stalk land for wheat.

Yours truly,

(Signed)

I. F. WALBERT.

702

LANKFORD, KENT Co., Md., Oct. 26th, 1883.

Gentlemen: I have used the Acme Harrow on my corn land, without plowing, and it answered the purpose well. The soil is what is called white oak land, or hard white clay soil. I have been very much pleased and satisfied with the work done with this Acme Harrow, much better than with any other kind used.

Respectfully,

(Signed)

A. T. THOMAS.

703

ROCK HALL, KENT Co., Md., Oct. 2d, 1883.

Dear Sirs: I have used both the Acme and Ladow harrows, but for preparing fallow ground and corn land for wheat the Acme Harrow is one of the best implements that I have ever used. My land is a bright loamy soil. I can recommend it for preparing ground for wheat.

Yours respectfully,

(Signed)

C. C. SHONG.

704

GAITHERSBURG, MONTGOMERY Co., Md., Oct. 2d, 1883.

Dear Sirs: I have thoroughly tested the Acme Harrow and find it a useful implement. I used it last Spring in putting my corn ground in order, and again this Fall on my wheat land. The land is a heavy clay and when dry turns up lumpy. The Acme put it in good order.

Respectfully yours,

(Signed)

J. B. DIAMOND.

705

GAITHERSBURG, MONTGOMERY Co., Md., May 1st, 1883.

Gents: After a thorough trial of the Acme Harrow, clod crusher, and pulverizer, which I bought of you, I can add nothing to its good qualities. I will simply say, I consider it a perfect machine and it should be on the farm of every good farmer, if he wishes to get his land in proper order.

Respectfully yours,

(Signed)

THOMAS MARSHALL.

706

Under date of Oct. 10th, this gentleman wrote us again as follows:

Gents: I used the Acme on land, plowed last Spring, and found it did its work well, making the ground after two goings over as fine as a garden seed bed. I also used it in covering and harrowing potatoes, and this Fall prepared my corn stubble land, for wheat, with it, both of which it did perfectly. It is the best harrow I ever saw and comes up to your description in every particular. My land is a clayey loam.

Respectfully, &c.,

(Signed)

THOMAS MARSHALL.

707

MONTROSE, MONTGOMERY Co., Md., Nov. 4th, 1881.

Gentlemen: I have two of your harrows at work. (Acme is, I think, the right name for them.) We go over more than double the ground in the same time with one of them than we could with the old style harrow, and put the ground in better order by going once over than with the old style twice. My farm is very stony and hilly.

Respectfully yours,

(Signed)

SAM'L BANKS.

708

QUEENSTOWN, QUEEN ANNE Co., Md., Sept. 6th, 1883.

Gents: Enclosed please find Money Order for \$29 for the Acme Harrow. I have given it a trial and like it very much. It is a good pulverizer.

Yours, &c.,

(Signed)

LOUIS HERGENRATHER.

709

LEONARDTOWN, ST. MARY'S Co., Md., Oct. 12th, 1883.

Dear Sirs: I think the Acme does the best work of any harrow I have seen, and think it far superior to the Whipple Harrow.

Yours truly,

(Signed)

GEO. A. BEEBE.

710

SAMUEL ARCHBOLD, Esq.

Dear Sir: I take pleasure in saying I have tried the Acme Harrow both on stiff clay and loamy soils, and have no hesitation in saying it prepares the soil for all crops better than anything I have ever tried. A little boy utterly worthless behind a plow or common drag harrow is worth, in using the Acme, more than a man.

Very truly yours,

(Signed)

SAM. H. ROBERTSON.

711

Gentlemen: Having for some weeks used the Acme Harrow I first purchased of you, I was so pleased with it that I purchased a second and larger one. The harrow does its work well—pulverizing, crushing and at the same time almost doing the work of the plow in land that is not too hard for the instrument to penetrate—and beyond any implement I have used. I think it has more than saved me the cost already in the saving of work and time.

Respectfully,

(Signed)

JAMES U. DENNIS.

712

SAMUEL ARCHBOLD, Esq.

Dear Sir: The Acme Pulverizing Harrow, bought of you, gives entire satisfaction. It is the finest implement for pulverizing the ground that I have ever used.

Yours truly,

(Signed)

ALBERT SUDLER.

713

Dear Sirs: There is only one opinion about the Acme in use in this county, "that they are indispensable."

I have 1 acre (2) Acme Harrows. I prepared 80 acres for corn last Spring with them. I have now 40 acres planted with wheat and have 60 acres more to plant. My soil is composed of clay, stiff clay loam, and loam. I am delighted with the harrows and would not think of being without them. I shall use three next year.

Very truly yours,

(Signed)

SAMUEL ARCHBOLD.

714

Gentlemen: Last Spring I bought one of your No. 6 Acme Harrows through Messrs. Shennahan & Wrightson, of Easton. It has given perfect satisfaction so far, and has really proved a better implement than I expected, and has saved both labor and money. My neighbors were all so pleased with the harrow that they have borrowed it constantly, and consequently it has met with hard usage.

Very respectfully yours,

(Signed)

PAUL WINCHESTER.

715

MR. GEO. M. WINGARD.

Sir: In reply to your inquiry as to how I like the Acme Harrow, I would say I take pleasure in recommending it as the best tool I ever used to put a heavy clay soil in good order for drilling seed wheat.

Respectfully yours,

(Signed)

I. VAN ANTWERP.

716

Sirs: I am assured by experience that the Acme Harrow, Pulverizer and Leveler is unrivalled in the execution of its three-fold operations.

Yours,

(Signed)

ALEX. MATTHEWS, M.D.

717

Gentlemen: I have to-day tried your No. 6 Acme on stiff wire-grass sod, and it is the only thing that I have tried yet that would do that kind of work with satisfaction.

Yours,

(Signed)

G. M. WINGARD.

718

Gents: Acme Harrow No. 6 came to hand in due time. Enclosed please find \$3.00 balance payment. The harrow works splendid.

Respectfully,

(Signed)

MARTIN O. CAMPER.

719

Dear Sirs: I have tried the harrow to-day for the first time, on account of rain up to present time. It is giving entire satisfaction, and hope it will continue to do so. I had some trouble to fit my double-trees to it.

Yours, &c.,

(Signed)

J. E. OSWALD.

720

Gentlemen: In regard to the working of the Acme purchased from you last April: I have used it on both clayey, loamy and gravelly soils to my entire satisfaction. I had a portion of a field, six acres, sown in oats last Spring. After harvesting the oats in July, I had the stubble plowed under with the Barshear plow, intending sowing the same in about this Fall. I then top-dressed it with manure. The very wet weather during the months of August and September caused the scattered oats which was left on the field to grow most wonderfully, getting at least eight or ten inches tall and almost as thick as it could well stand on the ground. But by giving it several operations with the Acme, we destroyed the oats completely and thoroughly mixed the manure with the soil, leaving the soil as nice and fine as a garden.

I have tried several different styles of harrows, but for thoroughly working, mixing and leveling, none destroying them, I prefer the Acme.

Yours respectfully,

(Signed)

JNO. B. HARP.



— THE —
ORIGINAL HARROW
AT WORK.



"A law was made by the Irish parliament only a little over two hundred years ago, to prohibit the drawing of harrows by the 'gayles' of horses, a practice which was thought to impair the breed of these animals."