

FROM

WOODLAND

TO

ORCHARD

IN

ONE SEASON.

BEING THE ACTUAL EXPERIENCE OF
HON. W. A. HENRY, DEAN OF COLLEGE
OF AGRICULTURE, MADISON, WIS., ON
SOCIETY'S FARM, WALLINGFORD, CONN.

FROM

WOODLAND

TO

**THE FOLLOWING LETTER WAS
WRITTEN WITHOUT THE KNOWL-
EDGE OF GEORGE M. CLARK, AND
THIS CIRCULAR IS PRINTED WITH
OUT THE KNOWLEDGE OF THE
HON. W. A. HENRY.**

BEING THE ACTUAL EXPERIENCE OF

HON. W. A. HENRY, DEAN OF COLLEGE

OF AGRICULTURE, MADISON, WIS., ON

SOCIETY'S FARM, WALLINGFORD, CONN.

What Hon. W. A. Henry, Dean of College of Agriculture, Madison, Wisconsin, has to say about Clark's Reversible Bog and Bush Killing Plow and Harrow:

Dear Mr. Clark:

I send you two photographs of the field.



Cut No. 1 shows the thirty-five-acre field with a portion of the forest removed.

WE STARTED WITH WOODLAND.

Last season on our farm, Wallingford, Connecticut, we cleared about thirty-five acres of brush land, which had, during the past forty years, been growing up to cedars, sumach, bayberry, etc., as the first picture shows. The whole area was covered over with brush and trees about as represented in view No. 1. After the ax and fire had done their work, we put on your Bush and Bog Cutaway Harrow, with four horses, driving over the low-cut stumps, stones, etc., as shown in the second view.

WHAT CLARK'S BUSH AND BOG HARROW ACTUALLY DID.

Observation shows that the Bush and Bog Cutaway Harrow is eminently adapted to this rough, pioneer work. To use a plow in such undertakings means much breakage, laborious work for the team, weariness to the plowman, and slow progress at best. In plowing land so full of roots and stumps, the team is constantly straining and the plowman spends much of his time dragging the plow back and setting it over again. Progress is exceedingly slow and sometimes almost, or quite impossible. On the other hand, the Cutaway Harrow rides over obstructions, gouging its spade-like blades into the soil and loosening it whenever opportunity offers. The team moves steadily along and the work is much easier for them and for the driver.

THE OLD METHOD VERY EXPENSIVE.

When land is plowed with an ordinary mold-board plow, it tends all the time to bring roots and brush of all kinds to the surface, where it is much in the way and costly to remove. The Cutaway, on the other hand, does not tear up roots, but either cuts them to pieces, or passes over them, leaving them to rot in the soil and add humus thereto. It is certainly an expense and a disadvantage to be forced to pick up and burn or remove brush and roots on land of this character, when not absolutely necessary. The Bush and Bog Harrow reduces this side of the proposition to the minimum of expense, with the maximum of result.

THE BUSH AND BOG HARROW GENER-

ALLY USEFUL.

We further find the big Bush and Bog Harrow very useful in some of our other farming operations. We have used it on a piece of fall plowed sod. Here the meadow was run out and covered with many blackberry and other pests. On such land, plowed last fall, we have this Spring run the big Cutaway, which, drawn by four horses, digs down deep, "chews up" the sod, completely destroying any vestige of turf, giving us a very deep, fine seed bed, extremely useful for certain purposes.

PEACH ORCHARD MADE FROM WOOD- LAND IN FOUR DAYS.

Returning to the first photograph, it may interest you to learn that where the cedars are shown in the picture, we to-day, have peach trees growing. In squaring out the field about planting time, we found it advisable to cut off the cedars shown in the photograph, remove the poles, burn up the brush, and run over the tract with the big Bush and Bog Cutaway Harrow. It is a literal fact that at the very place where the cedars are shown standing in the picture, the trees and brush were cut down one day, burned up the next, that the Bush and Bog Harrow was run over the ground the next day, and on the following one, peach trees were planted—quick work surely.

THANKS DUE MR. CLARK.

I wish to thank you for giving to agriculture the Bush and Bog Cutaway Harrow, and especially to record my appreciation of the interest you have taken in our particular piece of difficult work. I am pleased to send you this record testimonial without solicitation or hint on your part.

• Very cordially,

(Signed) W. A. HENRY.



Cut No. 2 shows the field with Clark's Bush and Bog Plow at work.

CLARK'S REVERSIBLE BOG AND BUSH KILLING

PLOW AND



HARROW.

CLARK'S TOOL FOR LARGE HAY CROPS.

TO REVERSE THIS MACHINE — The left hand gang is set over to the right hand side and the right hand gang is set over to the left hand side. This is made necessary to keep the cleaners on rear side of gangs.

This cut shows a new machine to do work in a new way. There has never been a machine made strong enough for the purpose of cultivating timber lands just cleared of timber and burned over, or a machine that could plow and cultivate stump, bush or bog lands cheaply. This machine is made reversible so that it will move the earth to or from the center, thus keeping the land true. It has been in use over fifteen years. It has been used quite largely in plowing and reducing timber lands which had been recently cut and burned over, and by its use such lands have been made to pay a good profit at first by raising various kinds of grains. This machine, together with the Double

Action Cutaway Harrow, soon produces fine seed bed and a very large crop of any kind. It is made with eight 24-inch very heavy cutlery steel disks, which are guaranteed to stand without breakage. It will reduce an ordinary bush pasture to a fine grass field in a year. Hon. J. H. Hale has been making peach orchards of bush lands with this harrow for years.

Hon. Otto B. Carlson has been reducing timber lands to 5-ton grass fields. Daniels Bros. have been reducing bog swamps into 5½-ton grass fields. A. Crowell of Middletown, Brower of Cromwell, myself and dozens of others have been using these machines for nearly fifteen years. There is no question about the merit of this powerful bog and bush killer.

There is another very large and useful field in which it has been used in the South, where sugar cane is grown. By reversing the gangs, with some slight change in the disks, it is used to cover in cane; it will easily handle a row at a time. In my own use.

Seven-eighths of an acre of bog swamp was subdued with this bog plow, which has produced, in thirteen years, at one seeding, two crops each year, a total of 104¾ tons of well dried timothy and red top hay in the thirteen years, and today, June 5, 1903, without rains for fifty days, there is more than two and one-half tons, and by July 1st will be more than four tons of well dried hay to the acre. If you don't believe, come and see.

This bog machine is of great service and easily handled. It is shipped in five parts—

two gangs, one pole, one seat, one band of hitches. Can be set up or taken down in five minutes. All parts are made of steel except the pole and hitch. Its weight is 650 pounds. This machine is used as a harrow or plow. When set at the central angle is a first class 5-foot reversible Cutaway Harrow, that can be drawn by two light horses or two medium good horses. When angled to the greatest extent it becomes a very effective sub-soil, bog and bush killing plow requiring four horses. It is guaranteed to stand four horses without breaking. It is fitted with a four-horse pole, yoke and hitch complete. By taking off disks, which can be done at either end of the gangs, the heaviest work can be done with a good pair of horses. It is a thorough surface or sub-soil worker, making a perfect sub-soil water connection, thereby increasing the crop product 20 to 40 per cent. My seven-eighths acre of bog swamp has given a total net profit in thirteen years of \$1,150 above all costs, or an annual net profit of \$100 per acre. That is what comes from intense cultivation of the odd corner of a poor farm in Connecticut. Are you advanced enough in the science of farming to buy a few tools and make money by farming? Away up among the up-to-date tools you will find the Clark Bush Plow or Bog Killing Harrow, the Clark's Double Action Cutaway Harrow, Clark's Smoothing Harrow and other up-to-date Cutaway machines made by the

Cutaway Harrow Co., Higganum, Conn., U.S.A.

GEORGE M. CLARK.

MR. SAMUEL ARCHER, Statesville, N. C., says:

"The Bog and Bush Plow that I bought of you has been used on very hard dry stock land and many other kinds of land on my farm. It beats all how that machine tears up the land."

MR. R. P. LEMMOND, Jamaica, W. I., says:

"I have one of your Bog and Bush Harrows with some other tools which arrived here in December. I worked the Bog and Bush Plow for a few days for destroying old Banana roots so that the land could be replanted. The machine worked so well that I have just ordered another."

MR. J. L. RISING, Suffield, Conn., says:

"The Bog and Bush Harrow that you shipped us on the 10th is all right. With this we can clean up our land quickly."

MR. S. E. FRISBIE, Danvers, Mass., says:

"We got Mr. Goodell's Bog and Bush Plow and put it at work in a savage place for trial. I asked Mr. G., after three-quarters hours' use, if he was satisfied and he said that he was, fully—did not expect it to do so much work. The field we worked it in is full of rocks and bushes and it did the work first class."

MR. C. L. PULLEN, Bulletts Bayou, La., says:

"I have used your Bush and Bog King Cutaway and found it to be satisfactory. It is the best implement for preparing rough land that I have ever seen."

MR. C. L. ROBERTS, Bayview, Texas, says:

"I went over a very weedy piece of ground with the Bog and Bush Plow I got of you and it did better work in kelling weeds and crab grass than any other machine I have ever used. I tried a solid disk machine and found it would do nothing, then hooked on to the old reliable weed killer, the Cutaway Bog and Bush, that did the work."

MR. J. A. FRENCH, Andover, Me., says of the Bush and Bog Plow:

"Went over a bog land twice last Fall and this Summer. With the aid of the Double Action shall be able to turn it into a grass field this Fall."

MR. M. H. CLARK, Lebanon, Me., says:

"This Bog and Bush Plow is the best tool I have ever seen on my farm."

MR. L. D. WHITCOMB, Florida, Mass., says of the Bush and Bog Plow:

"It works to perfection. You don't advertise this at half its value."

MR. R. B. TILLMAN, Trenton, S. C., says:

"The beauty of the Bush and Bog Plow is that it goes into hard dry ground that nothing else will work."

MR. C. H. PERKINS, Newark, N. Y., says of the Bush and Bog Plow:

"I bought the Bush Plow to work in an old pasture land where the willows had just been cut off. It is doing good work."

MR. THOS. J. NEWSOM, Prentiss, Miss., says:

"I have bought two of your Cutaways, one bush and bog plow and one corn and cotton plow and like them splendid. Would not do without them for ten times what they cost. Would like to act as your agent."

MR. I. E. KIMBALL, Tappan, N. Y., says of the Bush and Bog Plow:

"It is doing excellent service, and the 24-in. Torrent that I bought from you I could not be without under any consideration—can do more than twice the work with it that I can with any drag plow."

MR. S. W. EDDY, Simsbury, Conn., says of the Bush and Bog Plow:

"The machine does good work."

MR. I. E. WHITNEY, W. Rindge, N. H., says of the Cutaway Tools:

"I have your world renowned harrows, bush and bog, and 8 ft. Smoothing Harrow, and they each do first-class work."

MR. PAUL M. ROEMER, Atkins, Mich., says of the Bush and Bog Plow:

"I gave it a severe but successful trial in a piece of land in every way the worst shape conceivable. Work done by it is the marvel and it is the talk for miles around."

MR. Q. P. SIMPSON, Lebanon, Me., says of the Bush and Bog Plow:

"Will order another plow in a short time. It's the best plow I have ever seen."

**CLARK'S A-5
DOUBLE ACTION CUTAWAY
HARROW.**



**Made by
THE CUTAWAY HARROW CO.,
HIGGANUM, CONN.**