

Farm Implement News

Information Wanted.

STEAM DREDGE OR SHOVEL FOR DITCHING.

To the Editor of FARMING:

The illustrated farm implement feature of your paper deserves the highest commendation. If you have not already arranged for the publishing an illustration of a steam dredge or steam shovel suitable for ditching low or marsh land, I wish you would do so, and think other farmers would also be benefited by it. Some of the best land for grass is meadow-land that is now too wet and sour to produce anything more than the most inferior feed, but, if drained, would produce abundance of the best kinds of hay, but hand draining is so expensive that it prohibits the work being done. One good steam shovel or dredge in a neighborhood might be of great use and profit. Please give us an illustration of the best implement for this kind of work.

Very truly yours,
ELI E. JOSSELYN, M.D.
Philadelphia, Dec. 13, '99.

WATERWHEELS AND WATER POWER.

To the Editor of FARMING:

While you are writing up farm machinery, there is one subject which I think would be of interest to very many in this section. In this valley we have hundreds of streams, and nearly all run past farm buildings. I made a waterwheel and all fixings and ran a cutting-box, grain crusher, pulper, etc. When in your city I called at Jones & Moore, 20-22 Adelaide street west, to learn the price of dynamos. I found that from 10 to 20 lights only require about one horsepower, and the cost is from \$40 to \$50. Perhaps something along this line would be of service to farmers.

J. I. GRAHAM.
Vandeleur, Ont., Dec. 18, '99.

The information asked by our correspondents, though of value in special districts mainly, would be of interest generally to our readers. We shall endeavor to supply this information as soon as a favorable opportunity occurs. In the meantime, we would be glad to hear from anyone who has anything to offer along these lines, or upon any other topic. This department can only be made of the greatest value by farmers co-operating with us and making known the particular lines they would like information upon.

Farmers' Repair Outfit.

With the advent of more complicated and a larger number of machines and implements for use on the farm there must necessarily follow a larger

amount of breakages than was the case ten or fifteen years ago. We do not mean by this that modern and up-to-date farm machinery is more breakable than it was a decade ago, but that with the largely increased number and variety of machines used on the farm, the repairing department assumes added importance and becomes a branch of the farm work in which a large amount of time and money may be lost unless the farmer is able to help himself and do a large share of the repairing at home. For this reason we believe it would be a good investment for every farmer to have a good repairing kit and a small tool shop where the smaller repairs can be attended to without having to spend half a day running to the village or town to get them done.

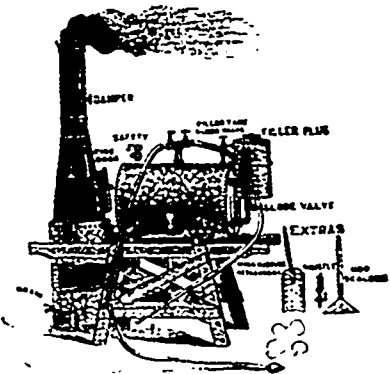
By having some arrangement of this kind and by giving a little attention to the mechanical side of farm work a great deal of time and money would be saved at the busiest season of the year. It does not require much skill to put in a new bolt or rivet when required, and by having this attended to at the proper time a bigger breakage will be saved later on. Then there are many of the wooden parts of implements which only require a little mechanical skill and the necessary tools to replace when broken. To have to take these to the nearest machine or carpenter shop when broken means wasting a lot of valuable time and paying several times more for the work than it would cost to have the repairs made at home.

In a small farm machine shop where the necessary tools should be kept could be erected at comparatively small expense a small forge. With this arrangement iron breakages of a simple kind could be mended at little expense, and a thousand and one little things fixed up about the farm in the way of gate and door hinges, latches, etc., that in a year's time would mean a great saving of money. We hope before long to give a fuller description of what would constitute a good repair outfit for use on an average farm. In the meantime we would be pleased to have the views of any of our readers on this important subject.

Perhaps some farmer will say, "I have no mechanical skill, and if I did invest in a proper repair outfit I would not be able to use the tools." While there may be a few exceptions of this kind, yet we are inclined to the view that someone can be found on nearly every farm who would soon become an adept at such work in a short while if given a chance. The repair work would be a good line for one of the boys on the farm to take up, and if necessary a little time during the winter might be spent at some machine shop in becoming familiar with the tools and how to use them.

A New Feed Cooker.

In our last farm implement department issued on Dec. 19th last, Mr. J. A. Macdonald, of Hermanville, P.E.I., gave a description of a new feed cooker which he is using. This cooker is known as the Reliable Feed Cooker, and is highly recommended by those who have used it. It is said to be a wonderful help to the women folk in the way of providing abundance of hot water on wash days. It will heat

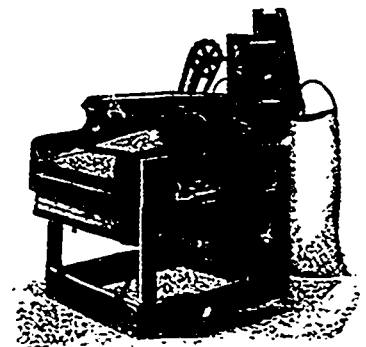


a barrel of water hot enough to scald hogs in 20 minutes; will cook a barrel of ground feed in 30 minutes and 25 bushels of ground corn in 2 hours. It is simple in construction and its safety valve, water gauge and checkvalve render it free from liability to explosion. The accompanying illustration will give the reader a clear understanding of its construction and by referring to the description given in the last farm machinery number, an intimate knowledge of what it will do may be obtained.

Grain and Seed Cleaning and Grading.

By T. H. Cooper, Toronto.

It is a lamentable fact that a very large number of our most thrifty and industrious farmers sadly neglect to see that the grain and seed which they sow is not properly cleaned from all



foul and obnoxious weed seeds; not only cleaned, but graded, so as to get nothing but the large, plump grains for sowing. It has been proved by actual test scores of times, by the ex-