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It is perfectly harmless to the cow, but severe with the "fly." The best dairymen in Canada are using it. It will pay you to help the cow.

Write for Dr. Williams' Fly and Insect Destroyer. Can be had at following prices:

One Quart.....40c
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One ".....1.00

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Central Canada Seed Grain Prize List

Anyone who examines the Central Canada Exhibition prize list for seed grain this year must be struck with the splendid money prizes offered in the different sections. It sets a good pace for other exhibitions to follow.

In the past the prizes offered in the seed grain classes have not been large enough to call out many entries. The tendency of some exhibitors to show exceptionally plump seed grown during previous years is unfair to honest exhibitors and should be discouraged in every position at any time. One way to accomplish this is to require that a small sheaf of the unthreshed grain accompany the threshed lot. By comparing the grain in the head with the grain in the receptacle, it can be decided whether it is this year's growth or not.

It will be observed that in the above-mentioned prize list, Section 6 of Class 67, on page 55, offers special inducements. This important section has been added through the efforts of the Seed Branch, Department of Agriculture.

One of the principal Canadian crops is oats, and in eastern Ontario and Quebec this crop is generally selected for the field crop competitions. This year these competitors who win prizes have every encouragement to show their grain at other points. The Canadian National exhibition at Toronto, with its prizes for sheaves, the winter fairs at Guelph and Ottawa are all inviting fields for exploitation.

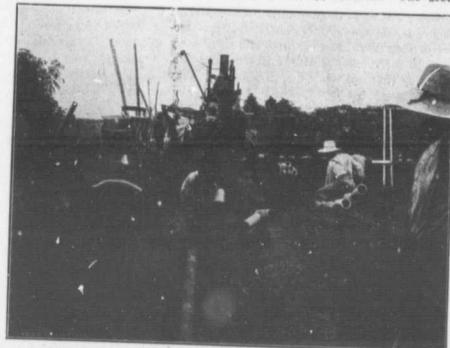
At the Central Canada exhibition prizes for different sections run \$4, \$3, \$2 and \$1, and they are much larger in Sec. 6, which reads, "White oats, 2 bushels threshed grain, together with sheaf, to be approximately 10 inches in diameter, taken from prize winning fields in field crop competition, conducted under the auspices of any recognized agricultural society in Canada during the season of 1909, \$20, \$20, \$15, \$10, \$5." It will be observed that this section is open to prize winners in field crop competitions throughout Canada.

Exhibitors in this section will notice, on page 14, that all exhibits, if sent by freight and prepaid, will be returned free on securing a certificate from the exhibition secretary. Field crop competitors should plan for this exhibition now. The oats should be

well cleaned with a fanning mill. If you are sending oats, why not put in some other exhibits in grain, field roots, etc.? You will stand a chance to win along with others.

The Ditching Machine Making Good

Prof. Wm. H. Day, O.A.C., Guelph. I have just returned from an extended inspection of the work being done by the new Buckeye Traction Ditcher that is operating in the Niagara district and thought possibly a report thereon might be of interest to readers of Farm and Dairy. The machine completes the ditch full depth and true to grade in passing once over the ground, leaving the ditch bottom ready for the tile. The work is so satisfactory



Reducing the Labor Problem to a Minimum in Ditching

The ditching machine is a success. It digs the ditch true to grade in going over the ground. One of these machines is now working in the Niagara district. In the photo reproduced above, Professor W. H. Day of the O. A. C. Guelph, who took the photo reproduced above. Professor Day's opinion of the ditching machine is given in the adjoining article.

that I think that in a short time these machines will be in use in many parts of the Province. There is work enough to keep quite a number of these machines busy. I know of 10 or 15 miles of ditching in Simcoe County that could be contracted for to-morrow by anyone proposing to get a machine. There is 10 miles of work ready for contract in Wentworth. There are numerous other counties, e.g., Victoria, Huron, York, Lambton, etc., where much draining is being done and where several miles of work could be secured in advance, sufficient to keep a machine busy for the first month, and that is all that is necessary. The Niagara machine has more work ahead of it now than it had when it started operations in the spring, with more coming all the time, and many who have had work done by it want it back again when the crop is off.

For two days I watched it working in hard stony clay, and it was surprising to see the stones that it would root out, some of them over a foot in diameter, and in places close enough to form an almost continuous row beside the ditch, but of course she did not dig as fast in such land as in land free from stones.

The cost of machine ditching is somewhat lower than of ditching by hand in most parts of the Province. Besides there are not enough men to dig by hand one quarter of the drains needed in Ontario. All these circumstances combined should lead to the speedy adoption of the ditching machine, and the consequent revolutionizing of ditching operations throughout the Province. I am more firmly impressed with the value of the machine than ever.

Renew Your Subscription Now.

Horses at Guelph

The Executive Committee of the Provincial Winter Fair met at Guelph on Wednesday, July 7th, and decided upon the classification and prizes for the Horse Department that will be added to the next Fair. Provision has been made for exhibits of Clydesdales, Shires, Hackneys, Standard-breds, Thoroughbreds, Ponies and Heavy Draft Horses. In the Clydesdale class there will be the following sections: (1) Stallions foaled previous to Jan. 1st, 1905. (2) Stallions foaled in 1905. (3) Stallions foaled in 1906. (4) Stallions foaled in 1907. (5) Mares foaled previous to Jan. 1st, 1905. (6) Mares foaled in 1905. (7) Mares foaled on or subsequent to Jan. 1st, 1907. Total prize money, \$820.00. The sections

for Shires will be as follows: (1) Stallions foaled previous to Jan. 1st, 1906. (2) Stallions foaled in 1906. (3) Stallions foaled in 1907. (4) Mares foaled previous to Jan. 1st, 1906. (5) Mares foaled on or subsequent to Jan. 1st, 1906. Total prize money, \$305.00.

In addition to the open classes for Clydesdales and Shires, there will be a class for Canadian-bred Clydesdales and Shires with sections for: (1) Stallions foaled previous to Jan. 1st, 1906. (2) Stallions foaled in 1906. (3) Stallions foaled on or subsequent to Jan. 1st, 1907. Total prize money, \$440.00. The Hackney class will have sections for: (1) Stallions foaled previous to Jan. 1st, 1906. (2) Stallions foaled in 1906. (3) Stallions foaled on or subsequent to Jan. 1st, 1906. (4) Mares foaled previous to Jan. 1st, 1906. (5) Mares foaled on or subsequent to Jan. 1st, 1906. (6) Mares foaled on or subsequent to Jan. 1st, 1906. (7) Mares foaled on or subsequent to Jan. 1st, 1906. (8) Mares foaled on or subsequent to Jan. 1st, 1906. (9) Mares foaled on or subsequent to Jan. 1st, 1906. Total prize money, \$480.00.

The sections for Thoroughbreds are: (1) Stallions foaled previous to Jan. 1st, 1906. (2) Stallions foaled on or subsequent to Jan. 1st, 1906. (3) Mares foaled on or subsequent to Jan. 1st, 1906. (4) Mares foaled on or subsequent to Jan. 1st, 1906. Total prize money, \$275.00.

(Continued on page 9)

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