

## FARM MANAGEMENT

### Care of Farm Implements

A short drive through, nearly any farming section will show implements of various kinds and in every state of repair, exposed to sun, wind, and storm. Whenever implements remain out during the late fall, they are very often left out during the winter to the mercies of frost and moisture. The reason generally given is that the owners cannot afford to build implement sheds; they do not realize the extent of the loss sustained by deterioration in the quality of the machinery.

The loss thus sustained is often great enough in two or three years to justify the building of serviceable storage sheds. Frequently the loss to farm implements from exposure is greater than the natural wear and tear, allowing for repairs and breakages.

It is not necessary to erect an expensive building for implements. It

these and leave them lying around when there is no special place for them.—A Helper.

### Our Veterinary Adviser

The Canadian Dairyman and Farming World has arranged with a well-known veterinarian to answer questions promptly through these columns. If readers care to send a stamped envelope for reply, the answer will be mailed direct from this office. This service, prompt, helpful and free, may save our subscribers many dollars.

**WORMS IN HORSES**—Give treatment for a horse with worms.—G. B. Hutton, Co., Ont.

Take 3 oz. each of sulphate of iron, sulphate of copper, tartar emetic and calomel, mix and make into 24 powders. Give a powder every night and morning and after the last one has been taken give a purgative of 8 drams aloes and 2 drams ginger.

**GRADES—MILKING TROUBLES**—1. Is a calf by a Holstein Bull out of a Jersey cow a grade, and can it be shown as a grade.

2. Cow is very hard to milk. The milk

vention. As a general thing smut is not sufficiently prevalent to cause serious injury to the crop, but reports from the judges in Ontario this year indicate that in some districts the injury has been considerable. The late oats seem to have been the most seriously affected and in some cases, extensive damage is reported.

Only in a few instances was the seed grain treated for smut prevention. Where proper treatment had been given, it was entirely effective. The standard of the oat crop in Ontario could be raised considerably if proper treatment for smut prevention were more generally practised.

**PERFECTION Seed & Grain Separator**  
(Patented 1901)

The best and latest mill for cleaning and grading all kinds of seed and grain.

See nearest Agent or write for Catalogue to THE TERRY MFG. CO., Fergus, Ontario

**WARRINER'S CHAIN STANCHION**

Give animals perfect freedom of movement without any restriction to simplicity, combine them with durability, combine them with safety, combine them with economy. J.M. Warriner, Agricultural Engineer, at Ottawa writes: "We find your Warriner Chain Stanchion very satisfactory indeed. They please me as to the quality of their construction of working and general comfort to the animals." Write for booklet to W.A. LEBLANC, Forestville, Canada, or to J.M. Warriner, Ottawa, Canada.

**WINDMILLS**

Towers Girted every five feet apart and double braced

Grain Grinders  
Pumps  
Tanks  
Gas and Gasoline Engines  
Concrete Mixers

WRITE FOR CATALOGUES

**GOOLD, SHAPLEY & MUIR CO., LIMITED**  
BRANTFORD, CANADA

### Feed Pure Salt To Dairy Cattle

Why use the finest Salt? Because it is pure. It is your Best Salt. It throws a lump of Rock Salt to your Cows where it accumulates dirt.

**USE THE SANITARY Roto Feeders**

They cost about a cent a day for each animal. The feeder is made of aluminum and the salt which is put in is pressed into the form by hydraulic pressure. Thousands are now in use by the best farmers in Canada.

Feeders Complete . . . 50c. each  
Extra Salt Cakes . . . \$2.50 Doz.

Send for Additional Information

**Whitten Drummond Co. LIMITED**  
173 King Street East, Toronto, Ont.

**ROCK SALT** for Horses and cattle, in tons and carloads.  
Toronto Salt Works, Toronto.

**COW COMFORT**

With Our New CHAMPION COW STANCHIONS

They are Self-locking and safe. Ends are rollable and side-arms are broad in proportion, smooth, and will not irritate the necks and shoulders. Gives plenty of freedom.

NOW IS THE TIME TO INSTALL

Send for Circulars

**Out. Wind Engine & Pump Co. Ltd.**  
TORONTO

### LAND for SETTLEMENT

Lands are offered for settlement in some cases FREE, in others at 50 CENTS per acre, in various districts in NORTHERN ONTARIO.

Write for information as to terms, homestead regulations, special railway rates, etc.

**THOS. SOUTHWORTH,**  
Director of Colonization, Toronto

**HON. JAMES S. DUFF,**  
Minister of Agriculture, Toronto

**The Favorite**

and the best value for the money of them all is

**Tolton's No. 1 Double Root Cutter**

**The Favorite**

and the best value for the money of them all is

**Tolton's No. 1 Double Root Cutter**

**POINTS OF MERIT:**

1. No change from pulping to slicing is but the work of a moment.
2. There are two separate wheels one for pulping and the other for slicing.
3. The united force of both wheels is always used in doing the work in either capacity.
4. The hopper is between the wheels, and does not choke.

**The Only Double Root Cutter Manufactured**  
Fitted with Roller Bearings, Steel Shafting and all that is latest and best in principle, material and construction.

Send for Descriptive Circular and Prices

**Tolton Bros., Limited**  
GUELPH, ONTARIO

### A Pair of Winners at Local Fairs

The agricultural team shown in the illustration are owned by E. L. Williamson, Ontario Co., Ont. They are three years old, and both are fillies. The team weighs 2500 lbs. They took first prize at the Woodville, Oakwood, and Sunderland fairs, and second at the Lindsay fair this fall. They are the kind of which we need many more.

should be convenient. A long narrow shed with doors along the side gives the best satisfaction. By having the doors on the side any implement that is wanted can be more easily gotten out and without disturbing all the others. I would also suggest a ground floor raised a little higher than the surrounding land. Further, build on a level piece of ground when this can be done, so that the implements can be put in and out by hand if necessary.

Inspect every implement as it is stored away, especially the lifting and driving parts; cleaning off any heavy deposits of oil or dirt that may have accumulated. If any piece is cracked or in any way damaged, make a note of it and order repairs for it now. They can be put on during the winter when there is generally more time for such work and also save considerable time during the rush of spring and summer work.

See that all earth that may have adhered to the plow is removed. All bright parts should be oiled or greased to prevent rust. The machines that need special attention is the binder. Loosen all screws when this can be done. The bearings also should be loosened, and if in danger of mice, should be taken off and hung up.

I would also suggest that a portion of the shed be partitioned off for small tools, etc., for it is so easy to forget

escapes in a very small stream and the teats require much pressure. How can you be remedied?

1. The milk escapes in a fine spray from cow's teats.

1. Certainly. The calf is not pure bred; hence, it must be grade and can be exhibited only in the grade classes.

2. Many devices have been tried for this purpose, but I am not aware that any have been generally successful. Probably the most successful has been the insertion of little plugs of gutta-percha or very smooth hard wood into the teats and leaving them in between milkings. They must be slightly constricted in the centre also they will probably drop out. These can be procured from firms that manufacture and deal in veterinary instruments, or can be made out of dry hard wood. Great care must be taken to have them perfectly smooth and thoroughly disinfected each time before insertion, else complications will follow.

3. If there is more than one vent to each teat nothing can be done other than treatment as for question No. 2 may effect a cure.

### Prevention of Smut

According to the summary of the results of competitions in the standing fields of seed grain in Ontario, Quebec and Prince Edward Island for 1908, it appears that in Eastern Canada, little attention is given to smut pre-