



Bucket Bowl Separators

Who makes them? All our competitors make them; we have invented something better, and are the only ones who can make the

Tubular Separators

The Tubular is a distinct type of separator, different from all others, full of improvements that make it better, as you will agree if you examine one. Write for free catalogue No. 193.

The Sharples Co., Chicago, Ill. P. M. Sharples, West Chester, Pa.

A Kidney Sufferer FOR Fourteen Years.

TERRIBLE PAINS ACROSS
THE BACK.

Could not Sit or Stand with Ease

Consulted Five Different Doctors.

Doan's Kidney Pills

FINALLY MADE A
COMPLETE CURE.

Mr. Jacob Jamieson, Jamieson Bros. the well-known Contractors and Builders Welland, Ont., tells of how he was cured "For fourteen years I was afflicted with kidney trouble which increased in severity the last five years. My most serious attack was four years ago, when I was completely incapacitated. I had terrible pains across my back, floating specks before my eyes and was in almost constant torment. I could not sit or stand with ease and was a wreck in health, having no appetite and lost greatly in flesh. I had taken medicine from five different doctors and also numerous other preparations to no purpose. I finally began to take Doan's Kidney Pills and before I had taken five boxes the trouble left me and I now feel better than I have for twenty years. Those who know me know how I was afflicted and say it is almost impossible to believe that I have been cured, yet they know it is so. I have passed the meridian of life but I feel that I have taken on the rosy hue of boyhood."

Price 50 cts per box, or 3 for \$1.25, all dealers or

THE DOAN KIDNEY PILL CO., TORONTO, ONT.

DO YOU KNOW

THAT WORN-OUT LANDS MAY BE MADE PRODUCTIVE AND PROFITABLE BY THE JUDICIOUS USE OF THE RIGHT KIND OF FERTILIZER?

NOW IF YOU HAVE A PIECE OF LAND THAT WON'T GROW ANYTHING BUT WEEDS, TALK WITH US ABOUT IT AND LET US SUGGEST

THE RIGHT FERTILIZER

WE FEEL VERY SURE THAT WE CAN SHOW YOU HOW TO USE FERTILIZERS WITHOUT GREAT EXPENSE SO YOUR LAND WILL PAY CONSULT US FREELY IT IS OUR BUSINESS TO KNOW ENQUIRIES FREELY ANSWERED AGENTS WANTED FOR TERRITORY NOT TAKEN UP

THE W.A. FREEMAN CO. LIMITED HAMILTON ONTARIO

QUESTIONS AND ANSWERS. Miscellaneous.

HUSBAND MAKING HIS WILL.

Is it necessary that a husband in making his will and leaving everything absolutely to his wife should appoint an executor?

Ans.—Not necessary, but very advisable.

RAISING CALF.

Can a calf, over one week old, be raised safely upon the milk of a cow that has been milking five or six months?

J. N.

Ans.—We have raised calves under such conditions, but a good deal depends upon the natural ruggedness of the animal. If the calf is inclined to be fastidious, it would be best to be very careful of its ration. Other calves will thrive under very adverse circumstances.

SORE TONGUE.

A two-year-old heifer has had a swollen tongue since last October. She froths and dribbles at the mouth. When eating raises her nose in the air. Can eat nothing but chop and turnips. E. R. Thorndale.

Ans.—This is a case for a competent veterinarian, and we recommend calling one at once.

VENDOR OR PURCHASER?

A sold his property to B, but gave no deed, nor has any money been paid. An agreement was drawn up and signed by both parties, embodying the terms and conditions of sale. In case of loss by fire, which of the contracting parties should legally bear the loss.

Ans.—If parties have not provided in their agreement for such an event, the loss would be borne by B, the purchaser.

WIDTH OF HIGHWAY.

What is the width of a public highway; that is, the graded part between the ditches?

Ans.—Section 630 of the Consolidated Municipal Act provides generally that public highways must be not less than 66 feet, and not more than 100 feet in width, but this refers to the total width of the road allowance, and not to that of the portion lying between ditches only. What ought to be the width of that part of the road actually travelled by the public is something to be dealt with by the Municipal Council under the head of repairs, having regard to the particular circumstances of the case, and the reasonable convenience of the public.

SWITCHING MARE.

I have a mare, five years old, that switches her tail when working or driving on the road, especially after having a few days rest. Will you please tell me how she can be cured of the habit?

A SUBSCRIBER.

Ans.—A cure can only be effected by an operation upon the cords at each side of the tail. By cutting these cords, she will be deprived of so free a use of the organ. A veterinarian only should attempt the job. In some cases, a switching strap is used to prevent this annoyance. A strap is made to buckle around the tail, and another around the breeching, and these two joined by another strap. This, of course, merely prevents switching, it does not cure it.

BALANCED RATION.

Please give me in your next issue a balanced ration, made up of cut fodder corn, timothy hay, oat chop, bran, oil meal and barley chop. Is this a good ration for milking cows giving from 30 to 40 lbs. of milk daily?

A SUBSCRIBER.

Ans.—By feeding 25 lbs. of corn fodder, 12 lbs. of timothy, 4 lbs. of oat chop, 2 lbs. each of barley, bran and oil cake, you would have a ration with a nutritive ratio of one to six. This would be fed for each one thousand pounds live weight. If, for any reason, all the food is not eaten up in a day, we would lessen the amount of fodder and timothy, but keep up the amount of grain. Some feeders prefer to feed the full ration at two feeds, others at three. A great deal depends upon what the cows are accustomed to. Regularity should be observed, whichever method is followed. The ration we think is fairly good, but would be improved with clover in place of timothy, and some kind of roots would be beneficial.

The Broom That Lives Longest



is the broom that is made right, of right materials, by the right workmen.

BOECKH'S BAMBOO-HANDLED BROOMS

are the right kind—they are guaranteed long life. Long life not only to the broom itself, but the carpet it sweeps.

Boeckh's Household Brushes and Bamboo-handled Brooms are sold by all reliable grocers. None genuine without name "Boeckh" on handle.

Local agencies and complete repair stocks everywhere

DEERING HARVESTERS

Works at Hamilton, Ont., and Chicago, U. S. A.



No. 10—Rubber-top Buggy
Price \$54

Buy at First Hand. TEN YEARS SELLING DIRECT.

We are the only manufacturers of VEHICLES and HARNESS in Canada selling direct to consumers. We have been doing business in this way ten years. WE HAVE NO AGENTS, but ship everywhere for examination, guaranteeing safe delivery. You are out nothing if not satisfied. We make 65 styles of vehicles and 25 styles of harness. Our prices represent the cost of material and making, plus one profit. Send to-day for our new 1901 catalogue. It's free.

International Carriage Co.,
BRIGHTON, ONT.



LAMB FENCE

Did you ever climb over a wire fence and find that the wire slipped down on the cross-bar when you stepped on it, or find the cross-bar so small or soft that it bent at every place you stepped? LAMB FENCE will not do this because it is a heavy, hard wire cross-bar and is fastened to the laterals with a tie that will hold several times your weight.

The H. R. LAMB FENCE CO., Limited
LONDON, ONT. WINNIPEG, MAN.

FEED IS SCARCE

The long and cold winter has necessitated feeding larger quantities of grain, etc., than usual. The best means of making what you have left go double as far is to feed

Worthington's Canadian Stock Tonic,
10-LB. BOX, 50C. 50-LB. SACK, \$2.
Manufactured only by the Worthington Drug Co., Agricultural Chemists, Guelph, Ont.

MAN WANTED FOR ALBERTA FARM

A thoroughly competent man wanted to take full management of one of the finest farms in Alberta. Applicants must be prepared to invest from \$3,000 to \$5,000 in the business. The farm, which is situated 2 1/2 miles from an incorporated town on the C. & E. Ry., is well equipped in horses, machinery, implements and utensils. It consists of 1,100 acres of choice lands; 186 acres in high state of cultivation, 110 acres ready for seed. Hay meadow cuts 150 tons. Comfortable and commodious house, barn, granaries and other buildings. Dairy for 50 cows and piggery for 200 hogs. Plenty of good spring water. Lots of timber for building and fuel. Owner has cleared on this farm \$6,000 in the last 4 years. Must leave it for other interests. A good chance for the right man. None but fully-qualified persons need apply. Address: Opportunity, care of Farmer's Advocate, Winnipeg, Man.

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ENGRAVING CO.**
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CUTS BY ALL PROCESSES
LIVE STOCK A SPECIALITY

In answering any advertisement on this page, kindly mention the FARMER'S ADVOCATE.