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THE FARMER'S COW

Ayrshire admirers will enjoy reading the following in praise of this breed which appeared in a recent issue of the "Scottish Farmer":—

An unusual and interesting inter-breed test recently made was that to discover the suitability of milk for scalding. The breeds selected were the Shorthorn, South Devon, Holstein, Ayrshire, Jersey, Guernsey and Dexter. The results obtained showed that the Jersey and Guernsey milk, when stood for eighteen hours before scalding, both turned sour. The milk of the South Devon came thru the test better than that of the Channel Island breeds, but the milk of the Ayrshire stood the eighteen hours' setting well, and could have been left longer. Which fact concerning the milk of Ayrshires, when carefully handled, we knew long ago. The result of this test confirms a parable on which we have long discoursed: Give the Ayrshire cow a chance, treat her well, house her well, clean her well; let those who handle her and her product be themselves honest, cleanly and healthy, and there is no truer friend to the human race than the Ayrshire cow. She can, speaking generally, be excelled by the Holstein for milk yield, by the Jersey for butter

fat, by the Dairy Shorthorn for combined beef and dairy value, but as the all-round dairy cow, to be kept on poor land, she is an easy first among dairy breeds for sound commercial value—for yielding a profit to her owner.

BLOAT IN CATTLE

Cattle turned carelessly into new grass, clover or alfalfa pasture when it is wet either with rain or dew often develop bloat and in severe cases death results. To use an "Irishism," the best cure is prevention, but if bloat occurs some knowledge of the best way to treat the case will be helpful. Symptoms are a characteristic swelling in the left flank; in well marked cases the upper part of the flank rises above the level of the backbone and when struck with the tips of the fingers emits a drum-like sound. The animal has an anxious expression, moves uneasily and is evidently distressed. If relief is not obtained in time, it breathes with difficulty, reels in walking or in standing and in a short time falls down and dies from suffocation. If the case is not extreme, sufficient treatment may be simply to drive the animal at a walk for a quarter or half an hour, or cold water by the bucketful may be thrown against the cow's sides. Another simple method is to take an ordinary rope or one made of twisted straw and coat it with pine tar, wagon grease or other unsavory substance. Place this in the cow's mouth as a bit, securing it by tying to the animal's horns. The efforts of the animal to dislodge this object results in movements of the tongue, jaws and throat that stimulate the secretion of saliva and swallowing, thus opening the esophagus or food passage, allowing of the exit of gas. In urgent cases the gas must be allowed to escape without delay. The instrument used to perform the operation of piercing into the stomach of the affected animal is called a trocar. It is a sharp pointed instrument incased in a sheath called a cannula, which leaves the sharp point of the trocar free.

Point of Incision

The correct place at which the puncture should be made is located on the left side at a spot equally distant from the last rib, the hip bone and the spine or backbone. Here an incision about three-fourths of an inch long should be made with a knife thru the skin and then the sharp point of the trocar, being directed downward, inward and slightly forward, is thrust into the paunch. The sheath of the trocar should be left in the paunch so long as any gas continues to issue from it. If the cannula has to be kept in the opening for a considerable length of time it can be tied on by passing a stout cord attached firmly under the lip right around the beast's body.

In severe cases, for lack of a better instrument a sharp pointed, clean knife may be used. The blade is better blunt near the handle so that when the incision is made, twisting the blade around sideways will hold the sides apart and make an opening for the escape of gas. This operation should only be practiced on the farm in extreme cases of bloat, but if carefully done in clean surroundings the majority of cases will recover.

After the gas has ceased escaping from the opening it is well to resort to internal medicine. Two ounces of aromatic spirits of ammonia should be given every half hour in a quart of cold water, or half an ounce of chloride of lime may be dissolved in a pint of tepid water and the dose repeated every half hour until bloating has subsided, or one ounce of creolin in two quarts of tepid water may be given at one dose or carefully injected thru the cannula directly into the paunch to inhibit fermentation and the recurrent formation of gas. It is generally necessary to give a dose of purgative medicine after bloating has subsided as animals frequently show signs of constipation after attacks of indigestion. For this purpose one or one and a half pounds of Glauber's salt may be used.

GRAIN SCREENINGS

Carelessness in one form or other is responsible for an enormous total loss to the farmers of Western Canada. Of the many preventable sources of loss, perhaps there is no other so large and yet so easy of being remedied as the inclusion of dirt, broken grain and weed seeds in commercial grains. In a bulletin recently published by the Dominion Department of Agriculture on "Grain Screenings," a great deal of very useful information

Farm Produce

We are receiving large quantities of farm produce, but our business has grown so that for the past month we have not been able to fill orders. Ship us BUTTER, EGGS, POULTRY, HIDES, WOOL, DRESSED MEATS and LIVE-STOCK, anything you produce. We pay the highest cash prices (without middleman's profits.) There is a special demand for Butter, Eggs and Poultry of all kinds. We have on hand a variety of Winter Apples as follows:

No. 1 BATTLE GREENINGS, per barrel	\$4.75
These are an extra good winter apple.	
No. 1 BLENHEIM, per barrel	4.25
No. 1 WINESAPS, per barrel	4.00
No. 1 FALLAWATER, per barrel	3.75

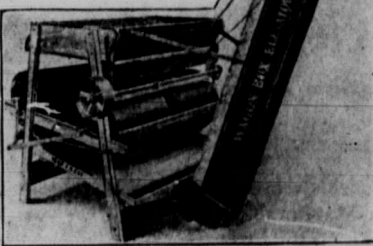
Also several other popular varieties. If you are looking for good apples at right prices don't delay in mailing your order, with money attached, and you will receive our prompt attention. We handle Livestock in carlots on a commission basis.

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Successors to The Central Farmers' Market Association Limited
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The "Bull Dog" Fanning Mill

The Two-in-One Machine



This is our 40 inch mill with 10 foot wagon box elevator.

This is a Cleaner which we warrant will please any farmer or small elevator man if a moderately large capacity is desired. Note the double drum construction. Our 40 inch mill is equipped with power attachment. The long bagger is made especially for elevating grain into a wagon box or ordinary granary bin.

FIGURE OUT WHAT IT WILL SAVE YOU

The additional length of the bagger attachment saves time, labor and the expense of a grain elevator. Isn't this a distinct saving? You had better become more closely acquainted with the Bull Dog Fanning Mill—the two-in-one machine.

A Real Money Maker.

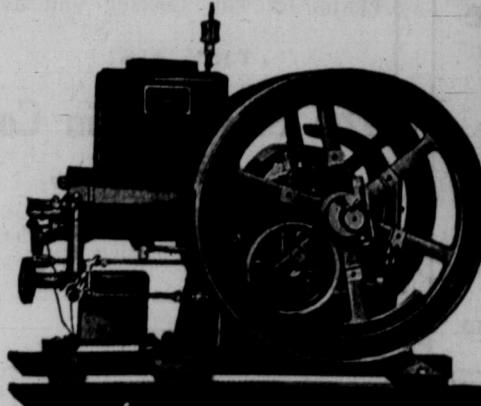
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The Fairbanks-Morse way is to put the best workmanship and materials money can buy into each engine built, to subject it to trials that only a high-grade engine could stand up under, and, finally, to sell at a price which makes the Fairbanks-Morse product—quality considered—the greatest engine value in Canada.

We know that every intelligent farmer in the West will prefer our way. Value is determined by what you receive, not by what you pay. Don't buy an engine just because it's cheap.

Type H is built in four sizes:

7 H.P.—Terms Price	\$250
5 H.P.—Terms Price	\$165
2½ H.P.—Terms Price	\$90
1 H.P.—Terms Price	\$60

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