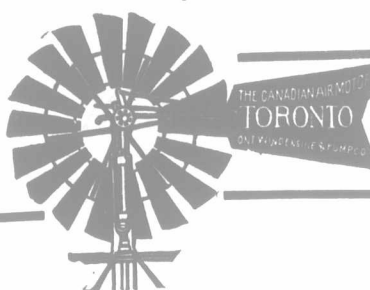


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Why pay fancy prices for calf meals of foreign manufacture when you can buy CALFINE 15 to 20 dollars a ton cheaper and secure at least equal, and in most cases superior, results.

CALFINE
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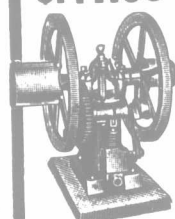
Ask your dealer for a 100-lb. bag of CALFINE as a trial—you will soon be back for more. If your dealer does not handle it, write us. We will do the rest.

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WE PAY THE DUTY

\$147.50 Six Horse Power Gasoline Engine **\$147.50**



A slow speed, heavy duty engine constructed on the only correct principle.

One-third less weight, one-third less bulk and one-third stronger than any other engine in the world.

Write for catalogue and special proposition

United States Engine Works
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Angus Bulls for sale—If you want a nice young Angus bull at a reasonable price enquire of

J. W. BURT & SONS
Aberdeen Farm Coningsby P. O., Ont.

Aberdeen - Angus

Now is the time to buy a bull; eleven for sale; also females any age or price. **WALTER HALL,** Drumbo station, Washington, Ont.

Aberdeen-Angus Cattle—For Sale: A choice young bull (15 mos.) of richest quality and breeding; also females.

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Real bargains in females. Dual-purpose a specialty. **L. A. Wakely,** Bolton, Ont. Bolton Sta., C. P. R.; Sheldon East, G. T. R. Phone.

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Well price cheap young bull from 6 to 14 months; 1 and 2-year-old heifers, some from high sires; 1 dams. Leicesters at all times of both sexes for sale. Phone. **W. A. Douglas,** Tuscarora, Ont.

QUESTIONS AND ANSWERS.

Miscellaneous.

DOCKING LAMBS.

Would you let me know the proper age to dock lambs? I keep a flock of registered Leicester sheep. I usually dock the lambs at ten days old, and more or less of them die within twelve hours after the operation. I have left them till they were three weeks old, but with no better results. I always apply powdered bluestone to the wound immediately after the operation. Is this of any benefit? An old shepherd advised this remedy. They appear to be all right for some time after the operation, but in less than twelve hours I find one or more of them dead. I. R.

Ans.—At from ten days to two weeks of age is the best time to dock or castrate lambs. Cut the tails from below upward with a sharp knife. Your lambs evidently bleed to death. Any which show signs of bleeding too freely should have a soft cord tied tightly around the stump for a few hours. The bluestone should do no harm, in fact it should be of value in stopping the blood. Sometimes lambs die from shock. See article on "Lambs in Spring," in this issue.

BEGINNER'S QUERIES.

1. I have been grain farming in Manitoba for some years, but have decided to sell out and go in for mixed farming in Ontario. Would like your advice as to best way to invest a capital of about \$8,000 in purchase of farm, live stock and implements. Possibly not much over half of this capital would be immediately available, the balance being in deferred payments on land here at 7 per cent. Would like to have at least two heavy breeding mares, three or four sows, and balance of stock to be cows. Do you think it better to let a considerable portion of purchase price of farm remain on mortgage for a while, and use available capital for more live stock and machinery?

2. Would you advise four-horse machinery?

3. What is the size and price of your big plow at Weldwood? Is it what is known as a high-lift riding gang?

4. What are the comparative merits of the dump rake and side-delivery rake? What difference in price?

"ALPINE, MAN."

Ans.—1. It is never advisable to pay so much money down on a farm that enough is not left to properly equip it. Many beginners make the mistake of handicapping their operations by locking too large an amount of their capital up in the farm. Equipment in the beginning does not need to be elaborate, but a certain amount of good implements and machinery is necessary to properly work the land. Horses and other live stock are essential to get the best returns, and while economy is necessary in purchasing these, it never pays to stock up with poor implements, machines, or live stock. Would rather have a little larger mortgage than not have anything to work the farm with. The increased returns from a properly-titled and properly-managed farm, due to a sufficient outlay for equipment, will pay the extra interest many times over, and will, in fact, under proper management, soon reduce the principal. Pay all you can down, but do not rob the farm of the necessary equipment to make your labor profitable.

2. Yes.—One man may just as well do the work of two.

3. This plow cuts two 14-inch furrows, and is a foot-lift riding gang. Its value is in the neighborhood of \$60.

4. Each has its advantages. For raking stubble or second hay raking, the dump rake is the only one that can be used. It is also preferable in a very light hay crop, where the side delivery would roll off too many of the leaves in order to get a fair-sized windrow. The side delivery is the better where a hay-loader is used, because it makes somewhat smaller, uniform windrows. It also does not tangle the hay as much as some dump rakes, and is liked better by some in a fair crop of hay, even where coiling is practiced. It also is conducive to better curing. The side delivery costs nearly twice as much as a ten-foot dump rake, or about \$60, as compared with between \$30 and \$40.

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Springhurst Shorthorns—I can now supply a number of one and two-year-old heifers bred the same as my many winners were and equally as good, show propositions among them; also a couple of right nice young bulls.

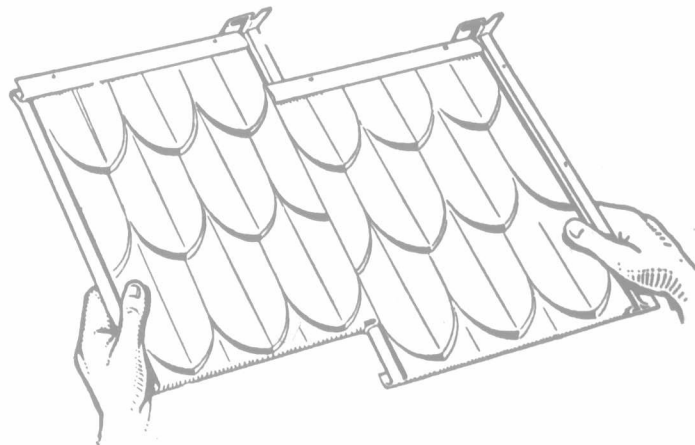
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Champions of 1911 shows, winning both senior and junior herds at Winnipeg, Brandon, Regina, Edmonton, Toronto and London; also fifteen championships.

Young stock, both sexes, for sale at reasonable prices.

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An Easy-to-lay Roof for Your Barn —A Tight-locking Shingle that Keeps Out the Rain



SIMPLICITY in itself is no recommendation for a roof. But, all other things being equal, you would select the easy-to-lay roof every time, wouldn't you?

This is ONE feature of Galt Steel Shingles that strongly recommends them to the farmer. Another important recommendation is the tight-locking patented "hook" that forms an absolutely weather-proof surface which neither time nor violent storms can undo.

The illustration shows two sections of a Galt Steel roof, about to be locked together. It will be noted that, while extremely simple, the shingles are so designed as to "grip" one another tightly at both sides and ends.

A Roof is No Stronger Than its Weakest Point

In a "Galt" roof, all danger of leaks is avoided by the patented "lock"—the most important improvement in metal roofing in 25 years.

The best illustration of "Galt" Shingle superiority you can have, is in the fact that if a number of our shingles are assembled and held to the light, it will be found that light does not penetrate the locks at any point. Do you know any other of which this is true?

It is generally acknowledged that a metal roof (owing to its permanence and fireproof qualities) is superior to any other kind of roof—if "security" can be obtained at the seams. With "Galt" Shingles you can be absolutely sure of such security.

But space does not permit a detailed description or a complete story of Galt Shingles. If you would learn all the facts you ought to have, before you roof your barn, you should get a copy of our splendid free book entitled

"HOW TO BUILD A BARN."

The value of this book to the farmer as a work of present and future reference can scarcely be estimated. But in order that you may appreciate its value and retain it, it should be noted that duplicate copies will cost you 50c each, unless these are for a friend, also interested in barn construction. Use the coupon and send for this free book to-day.

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F.A.