



Frictionless Empire.

He will tell you the whole truth about the two methods. The Empire line contains both cone and disc machines, and it is to Empire agent's advantage to sell you the method that will give you utmost satisfaction, whereas the object of the agent of a one-method line is to sell you his style of separator regardless of your needs.

Both the Frictionless Empire (cone method) and Empire Disc are made of Empire Quality materials, by same expert workmen, in the most modern separator factory in the world.

The Frictionless Empire is the original cone method and the most famous separator in America. It has such exclusive features as Ball Neck Bearing and Three-ball Bottom Bearing. No closed bearings on spindle,

What is best for you, a cone-method separator or a disc? Ask our agent. He will tell you.

Both methods, all sizes, in

EMPIRE CREAM SEPARATORS

You know there are two standard methods of cream separation—the cone and the disc. Each differs considerably from the other. The cone has some special features that make it peculiarly suitable for the requirements of some people, while the disc has features that make it more suitable for others. You see, it all depends on your requirements what method is best for you. So go to our agent and tell him your requirements—and he will tell you the method that is best for you.

where others have one, generally two. Easiest-to-turn, easiest-to-clean, closest-skimmer. No other cone separator in the same class.

The Empire Disc is the champion separator of Europe, with addition of several Empire patented improvements. The bowl weighs twenty per cent. less than any other disc bowl of same capacity with central distribution feed. Discs are easily cleaned. It runs easily. It is best value on the market of any disc machine.

But you will want to read our Free Dairy Book, which explains both machines in detail, so get your pen right now and write us a post card for your copy. It also tells about a guarantee as good as a government bond, and a generous Free Trial Offer.



Empire Disc.

Empire Cream Separator Company of Canada, Ltd., Toronto, Ont.

Western Office: WINNIPEG, MAN.

GOSSIP.

Mr. D. Milne, Ethel, Ont., advertises for sale the imported Shorthorn bull, Broadhooks' Prince =55002=, and four choice young bulls, sired by him, from heavy-milking dams; also cows and heifers.

A. W. Smith, M.P., Maple Lodge, Middlesex Co., Ont., writes: I have a couple of good young Shorthorn bulls still on hand for sale, good calves, and nicely bred, and from good milking strains. They are deep-bodied and thick-fleshed; a good type to breed from. I am offering several handsome heifers of extra-nice breeding, some of them from cows with milk-records over 50 lbs. per day. Two granddaughters of Irish Ivy, whose milk record is over 10,500 lbs. Will sell at very reasonable price, as I wish to reduce my herd.

Mr. S. J. Lyons, Norval, Ont., writes: I was very much pleased with the result of the advertisement in "The Farmer's Advocate" for my sale of Jerseys on March 31st, as I had correspondence from all over Canada, down as far as St. John, N. B. We had a very good sale, a fine day, and a good turnout of buyers. Messrs. B. H. Bull & Sons, Brampton; C. E. Rogers, of Dorchester; Craig Bros., of Snelgrove, (securing Dinah of Lawnridge); Fraser & Hutton, of Huttonville; B. Petch, of Glen Williams, and Chapman, of Malton, were the principal buyers of thoroughbreds, immediate neighbors getting many good animals. The Jerseys were in fine condition, and were much admired by the many who came to buy.

TROTTING AND PACING.

Probably no writer on the harness horse ever described the difference between the trotting and pacing gaits more clearly than did the late John H. Wallace. "At the pace, the horse advances the two feet on the same side at the same time, and when they reach the ground again there is but one impact; then the two feet on the other side are advanced and strike in the same way. Thus the rhythm of the action strikes the ear as that of the movement of an animal with two feet instead of four. In this there can be no mechanical mistake, for in the revolution of the four-legged pacing horse we count one, two, and in the revolution of the two-legged man we count one, two. The conclusion, therefore, seems to be inevitable that the two legs on the same side of the pacing horse act in perfect unison in performing the functions of one leg. At the trot, the horse advances the two diagonal feet at the same time, and when they reach the ground again there is but one impact; then the two other diagonal feet are advanced and strike in the same way. Thus the rhythm of the action strikes the ear as that of the movement of an animal with two feet instead of four. In this there can be no mechanical mistake, for in the revolution of the four-legged trotting horse we count one, two, and in the revolution of the one-legged man we count one, two. The conclusion, therefore, seems to be inevitable that the two diagonal legs of the trotting horse act in perfect unison in performing the functions of one leg. In the mechanism of the gait, then, that is midway between the walk and the gallop there is no difference in results, nor distinction in the economy of motion, except that the pacer uses the lateral legs as one, and the trotter the diagonal legs as one. In use, there is a veritable distinction, if that term should be allowed, between the gait of the pacer and the trotter. The action of the pacer is lower and more gliding, which fits him for the saddle, while the action of the trotter is higher and more bounding, which makes him more desirable as a harness horse." —Horse World.

TRADE TOPIC.

For insuring against loss of stock and keeping track of superior animals for breeding purposes, or inferior ones for weeding out, nothing is equal to ear labels. When every animal bears a label, with initial or number, there is no danger of dispute about ownership. F. G. James, of Bowmanville, Ont., makes three sizes at low cost. Samples are sent on request. Full directions are given for inserting the labels.



Strongest and Most Stylish-Looking

MARITIME Ornamental Fencing and Gates have the quality. There is no gainsaying that. Only first quality tubing is used for the gate frames. We could, like many makers, use second quality and save one-third to one-half the tubing cost. We could also use small wires and save some more. But we use large, strong, stiff No. 9 wire. This wire is more smoothly, thoroughly and heavily galvanized than the wire generally used for fence and gate purposes. You know what that means. Strongest, most lasting, as well as most stylish-looking. Write for free catalogue, showing the different designs, and from them choose a gate you'll be proud of.

THE MARITIME WIRE FENCE CO., Ltd.,
Moncton, N.B.

MARITIME ORNAMENTAL
FENCING AND GATES

Make this 60-Day Test of Brantford Roofing—then Test Any Other Make

Write us, or your dealer, for sample of Brantford Asphalt Roofing. Place it in water for sixty days. When you remove it, rip open with heavy knife, and you'll find insides—the vital part—perfectly dry. life-like, solid—as before test. Just think of severeness of this test! The result is evidence you cannot overlook. Then make this test with any other Roofing. You'll find the wood pulp—jute or cotton-cloth insides soaked—softened—lifeless. It cannot withstand severe weather, which is, at its worst, not one-twentieth so severe as Brantford's Test. Wood pulp is like paper. It acts like paper, when soaked—wills away. How could you expect such a foundation to fight off Roofing Enemies! For resistance, it must depend upon animal fat, grease, or other refuse coating, themselves veritable mines of danger. They evaporate—wear off—expose shameful foundation to awaiting enemies. This coating cannot prevent penetration—protect defenceless insides from harm. But Brantford Asphalt Roofing Foundation is one sheet of evenly-condensed, long-fibred pure Wool, with life and body of its own. A secret mixture of Asphalt is forced into it, soaking every fibre. After mixture dries, foundation possesses resisting power no amount of soaking or bending can effect.



Brantford Roofing

After special Water-proof Coating, into which Silica Sand is rolled under pressure, is applied, becomes a solid mass of resistance. It is weather, acid, alkali, frost, water-proof. Cannot freeze, crack or melt. Wonderfully pliable. Brantford has but one cost—first. Write for free Book and Samples.

Brantford Asphalt Roofing, No. 1, 2, 3
Brantford Rubber Roofing, No. 1, 2, 3
Brantford Crystal Roofing, one grade only, (heavy)
Mohawk Roofing, one grade only.
BRANTFORD ROOFING CO., Ltd., BRANTFORD, CAN.

PLEASE MENTION THE FARMER'S ADVOCATE.