

Thirty Years of Continuous Experience
With Cream Separators of Leading Makers
And Eight Years' Experience
In manufacturing "SIMPLEX" Link-Blade Separators
RESULT



The "Simplex" of To-day

No expense or effort has been spared to incorporate in our Machine every possible advantageous feature. The principal aim has been to bring it to the highest degree of efficiency.

Every experienced dairyman knows that the larger the Hand Separator he can operate, even if he has but a few cows, the more profitable it is to him.

The most striking feature of the new "SIMPLEX" is its light running. The 100-lb. size, when at speed and skimming milk, takes no more power than the ordinary 500 lb. Hand Separator of other makes. It cuts the labor of skimming the milk more than in two, not only because it turns easier than most other Hand Separators, regardless of capacity, but because it does the work in half the time; and in these days, when labor is scarce and expensive, a saving in time is a direct saving in money to the dairyman.

Note the neat and pleasing appearance of the "SIMPLEX." Note the heavy, compact construction and convenient height of supply-can and discharge spout. The top of the supply-can is only 2 1/2 ft. from the floor, and is out of the way of the operator. The oil-drip-pan, between base and body, catches all drainage.

Now, Mr. Dairyman, we know you want to start the season right. Drop us a card to-night for our literature telling all about the "SIMPLEX." Perhaps you already own a "SIMPLEX." In that case some of our other lines may interest you. We handle B-L-K Mechanical Milkers and all accessories, the "Simplex" Combined Churn and Butter Maker, Testers, V. J. s, Dominion Creamers, etc.

Write us NOW before the rush commences.

D. Derbyshire & Co.

Head Office and Works - BROCKVILLE, ONT.
 Branches: PETERBOROUGH, ONT. MONTREAL and QUEBEC, P. Q.
 WE WANT AGENTS IN A FEW UNREPRESENTED DISTRICTS



The Grain Growers' View of the Protective Tariff
 —Grain Growers' Guide

The Dairy Profit Controversy

Mr. Savage Replies to Mr. Mitchell

Jan. Savage, Lanark Co., Ont.

WILL you kindly allow me a reply to the letter of Jas. A. Mitchell, Russell Co., Ont., in Farm and Dairy, March 26? I will pass over Mr. Mitchell's personal references as they are irrelevant and incorrect. He has not read my letter correctly as I did not blame any one for anything and did not discuss the scrub cow. My estimates were for the 8,000-pound cow, and I note that he has to ask help to prove them misleading. Neither has Mr. Mitchell written correctly for instance he tells me how I can succeed after stating that I cannot succeed at anything; also after describing how one cent milk is making scores of farmers wealthy he states that milk is certainly too cheap at a cent a pound. These are only examples of Mr. Mitchell's efforts to reason as seen in his whole letter.

WHAT EXPERTS SAY

It is not necessary to call for individual estimates of the cost of producing milk. The experts he admires, but fails to quote, have already furnished the figures. In a test of the four leading breeds of dairy cattle giving 8,000 lbs. of 4.20 milk, conducted at the Connecticut Agricultural College, Storrs, each cow showed a loss of \$10 a year with milk at four cents a quart. Other tests give similar results. In New York State, where conditions are similar to those of Eastern Ontario, a cow testing association showed the cost of keeping a cow one year to be \$90.73. So the cow would have to yield 9,000 lbs. to pay expenses. In your hard times are working in our interests. Now the average Ontario cow produces about 4,000 lbs. Do I understand it is Mr. Mitchell's great desire that we keep on dairying at a loss until we reach the almost impossible average of 9,000 lbs.?

I remember conditions 10 years ago, when instructors were first appointed, and when they pushed for all they were worth the dirty milk ery, which should have been rejected by every self-respecting dairyman. I remember the effect it had on the British market, and suspect why it was discontinued. Mr. Mitchell claims there has been a rapid im-

provement in the quality of milk under instructors. I can judge by his own method, namely, the improvement in price. I will use checker reports and compare the price seven years ago with the price now. At the same rate of improvement it will be 1,333 years until it will be worth two cents a pound the same rate of improvement. Therefore if the improvement has been rapid the farmers have not been benefited by it.

TWO CENT MILK

He says it will soon be worth two cents a pound, I suppose because it will be better. Really it is difficult to understand how it could be less. I understand there is a sale made in Canada that pays that in the cities, say Montreal, 10 for nine and 10 cents a quart. The same amount of milk manufactured into cheese sells in the same city three cents, and is about the price of the manufactured article I know sells for less than the raw milk. Surely it is not spoiled in the manufacturing?—

While I do not hold the instructor responsible for this strange operation, I think that even a poor planter from them would be better than abuse. If Mr. Mitchell is anxious to improve the milk let us go to any factory and guard them two cents a pound or more and a half cents for good milk will guarantee he will not have to wait even 10 years for it.

A CONTRADICTION APPARENT

In the last 10 years when Mr. Mitchell thought farmers were getting wealthy, 373,000 people are estimated to have fled from the farms of Ontario. Statistics show that an American farmer, with an infinitely better home market than we are, is less for his work than his hired Irish farmer are growing wealthy is there a farm laborer present? Clearly it is because our margin of profit is too small to enable us to attract labor from other elements. I have seen foreign labor in Canada getting \$2.50 for an hour day. When can we make a bid for even experienced labor?

(Concluded on page 11)



We Welcome Producers
 Trad. Increases the Value
 Vol. XXXIII.

Soiling

I CAN well remember shorter milk cheques during the hot summer as natural for a cow to during July and August or five months previous necessary evils.

Now we see the situation. The cow of a good deal up in their milk yield in lack of fed, nor do they profitably for four or five cow is worked to her capacity. We have come to be allowed to drop away never be got back satisfied those herds make "foresight" rather are preparing now for summer.

Most of us can see the soiling crops when the finish. Now, however, at hand, is the time to soiling. When planning of some of our time and some crops to meet the needs of Prof. Henry of Wisconsin when he said that while soiling to fill their barns for their cows, those same soiling on the other side growing crops.

The first point in summer to be attended to is the proper pasture during the spring. Most of us, when feed is to the pasture at the early grass has attained a pasture is kept close less fully a month sooner the grass given an opportunity to start. The twenty-fourth of for turning the cows to pasture of Eastern Canada. It is scarce the temptation is to by many good men in this is scarce, by grain rather to pasture. If it is rough on the cattle to pasture and for soiling crops for use in a roughage can be bought for dairy cows.

A GOOD SOILING mixture of peas and oats and a good one. milking 30 cows was to ca-

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TROUSERS, \$1.80. BREECHES, \$2. (2 PAIRS, \$4.00)—Save a heavy wear. (2 PAIRS, \$4.00) Just to introduce this remarkable cloth we offer a pair of well-fitting breeches and draw trousers for only \$1.80, trousers \$2.00 or well-cut suit right up-to-the-minute in fashion for \$4.00 all Day and Post Day. With every extreme care a special committee minutely states that if the quality looks any in 10 months UNMATTER HOW HARD YOU WEAR IT another given immediately free. We may all choose. Post and Italy. You have no more to pay. All they were worth the dirty milk ery, which should have been rejected by every self-respecting dairyman.

FREE SAMPLES. Send quickly a 6-cent stamp for grand free pattern, measure chart and facilities to our Toronto Office, 1117 STREET, TORONTO, ONT., or send \$1.00 for sample pair of trousers in pairs. Return with name and address and name of town or village to which you want samples.

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