

Make More Milk Money.

If you knew a way by which you could double your profits from your milk cows and at the same time save yourself a lot of hard work, you'd want to adopt it at once. Well the

Empire Cream Separator

will do that thing for you. We want to show you how and why. It's the simplest separator made; has few parts; nothing to get out of order; turns easily; skims perfectly; is easily cleaned; is absolutely safe; lasts longer; gives better satisfaction and makes more money for you than any other—all because it is so well and so simply built. No separator has ever made such a record in popularity and sales—because every man who buys it is satisfied. May our agent call and show you how it works? Don't buy a separator until you have investigated the Empire.

SEND FOR CATALOGUE. Let us send you our new Catalogue. Ask for book No. 11.

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



Why Experiment?

YOU want profits—not losses—in return for the time, labor and expense invested in YOUR dairy. Don't you? Then—Why Experiment?

YOU will admit that the most butter from YOUR dairy, of the best quality, means the greatest profits. Then—Why Experiment?

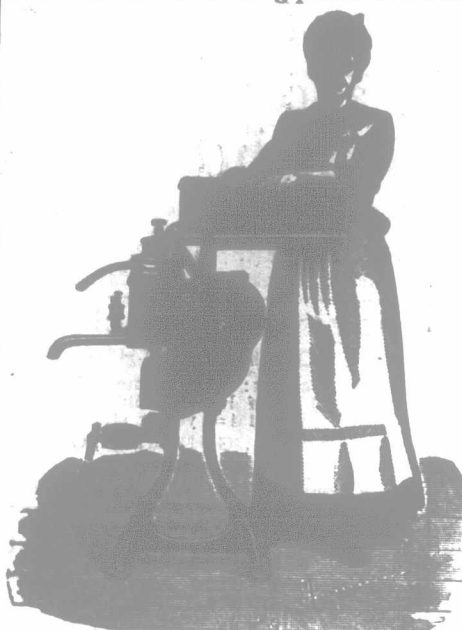
YOU cannot afford to invest YOUR capital, time and labor in any but the most practical dairy methods. Then—Why Experiment?

YOU have the choice; the most butter of the best quality, or less butter, and quality a costly uncertainty. Why Experiment?

YOU KNOW what YOUR choice should be. Why Experiment?

The IMPROVED U.S. Cream Separator

will save YOU the long, unsatisfactory and costly experience which experiments always involve. It will place YOU immediately in command of the two winning points in the dairy business: quality and quantity.



Quality

Every highest score on Dairy Butter in each of the four great butter scoring contests at the WORLD'S FAIR, ST. LOUIS, 1904, including **The Sweepstakes** in the Dairy Class, was awarded to the product of the U.S. CREAM SEPARATOR against the world. "U. S." Quality Wins.

Quantity

The U.S. Cream Separator still continues to hold world's record as the closest skimming separator in the world—saves cream every day that other separators would lose.

Substantial and simple—extremely durable—proven by many years of satisfactory service. No joints to work loose, no ratchet pin to break off, no exposed gears to be injured—no repairs.

Perfect adjustment of working parts—no oil wasted. Easy to operate.

You can't make your cows pay you as they should without a U. S. Cream Separator—the best money-maker on the farm.

Now DON'T Experiment

Write for Free Illustrated Catalogue To-day.

VERMONT FARM MACHINE CO., Bellows Falls, Vt.

To ensure prompt deliveries and to save freight charges for our Canadian customers, we ship from our warehouses at Montreal, Sherbrooke, Hamilton, Winnipeg, Calgary and Vancouver. NO DELAY.

ADDRESS ALL LETTERS TO BELLOWS FALLS, VT. 403

Belvoir Stock Farm

SHORTHORN BULLS, various ages; imported and home-bred, by imp. Gay Lothario, a Cruickshank Lavender.

CLYDE STALLION, 3 years old; sire imp., dam a winner, grandam 1st Highland Show.

YORKSHIRES—Sows and boars, various ages; not akin. Three imp. boars and 6 imp. sows to select from, and their progeny. Prices right. Also honorable dealing.

RICHARD GIBSON, Delaware, Ont.

THREE IMPORTED

Shorthorn Bulls

Four imported cows in calf, home-bred cows, heifers and young bulls, all of straight Scotch families. Four imported Shropshire rams, eight imported ewes and any number of Shropshire and Cotswold ram and ewe lambs of the highest class, is what I can show you now, and all will be priced at mod. rate prices.

Robert Miller, Stouffville, Ont.
Representative in America of Alfred Mansell & Co., Shrewsbury, England.

QUESTIONS AND ANSWERS. Miscellaneous.

PIG SICKENED AND DIED.

Pig at nine weeks old refused to eat. It was constipated; gave injections of warm water; next morning pig was dead. Bowels were empty; stomach full, but dry, with quite a number of worms, 3 to 5 inches. What caused death, indigestion, worms or infection? R. S. F.

Ans.—Probably acute indigestion. The worms would not likely prove fatal, and the injection could do no harm. For prevention in future keep charcoal, salt and hardwood ashes in a low box in pen so that pigs may take it at will, and where worms are suspected, give a teaspoonful of sulphur to each pig twice a day in feed, which will generally dislodge them.

RE CONDUCTING WATER SUPPLY.

J. P., Burgoyne, Ont., writes: "We have a spring on the farm that flows 2 gallons per minute at the driest part of the season. To get it to the buildings, we would have to pipe it 1,200 feet and raise it about 18 feet. We have lots of fall, as it flows out near the top of quite a high bank. Could you advise us:

"1. Would a ram work under such conditions?

"2. If so, what proportion of the water would it deliver at the buildings?

"3. What sized ram and what sized piping would be necessary?

Ans.—A hydraulic ram would work quite satisfactorily in the conditions here mentioned. Owing to the small quantity of water available, the smallest size of machine would have to be installed. A $\frac{1}{4}$ inch drive pipe laid on a slope of about one in six should lead to the machine from the supply of water, and on account of the length of the discharge pipe, it should be, I think, $\frac{1}{2}$ -inch pipe throughout its full length. The correspondent says that there is plenty of fall. With a six-foot fall, the amount of water pumped by a No. 2 machine, the elevation being 18 feet, and the supply being two gallons per minute, would be about 194 gallons per hour, which is nearly one-sixth of the total available amount.

O. A. C., Guelph. J. B. REYNOLDS.

Veterinary.

RETENTION OF AFTERBIRTH.

Mare did not expel the afterbirth for 14 hours after foaling last year. She is in foal again. How can I prevent a recurrence? W. J. P.

Ans.—Retention of afterbirth occasionally occurs under all conditions. We cannot understand why it should be so; neither can we prevent it. Nothing can be done to prevent it, more than seeing that the mare is kept comfortable; giving a warm mash after foaling and taking the chill off the water she drinks. Medicinal agents have practically no effect. In the mare it is a serious condition, and when not expelled in 6 or 8 hours after parturition, it should be removed by hand, and the uterus flushed out with about 2 gallons of a two-percent. solution of creolin heated to 100 degrees Fahr., and introduced into the womb with an injection pump. V.

AZOTURIA.

1. What is the best preventive for azoturia?

2. What is best treatment? My mare has had it twice. T. H. S.

Ans.—1. Prevention consists in giving daily exercise. A rest of one or more days always precedes an attack.

2. On first symptoms, get to nearest stable; give a purgative of 8 drams aloes and 2 drams ginger; apply mustard, mixed with oil of turpentine and water, over the loins, and blanket warmly. Give 2 ounces albumone in $\frac{1}{4}$ pint cold water every three hours as long as necessary, and as soon as purgation ceases, give gentle exercise. If she falls, and cannot use, get into comfortable stall, make as comfortable as possible by packing with straw; stay with her, and, if possible, prevent her from injuring herself. Drain urine off with catheter every eight hours, and give medicinal treatment as above. It usually pays to employ a veterinarian in these critical cases. V.

Many Women Suffer 'Untold Agony From Kidney Trouble.

Very often they think it is from some called "female disease." There is less female trouble than they think. Women suffer from backache, sleeplessness, nervousness, irritability, and a dragging-down feeling in the loins. So do men, and they do not have "female trouble." Why, then, blame all your trouble to female disease? With healthy kidneys, few women will ever have "female disorders." The kidneys are so closely connected with all the internal organs, that when the kidneys go wrong, everything goes wrong. Much distress would be saved if women would only take

DOAN'S KIDNEY PILLS

at stated intervals.

Miss Nellie Clark, Lambeth, Ont., tells of her cure in the following words:—"I suffered for about two years with kidney trouble. I ached all over, especially in the small of my back; not being able to sleep well, no appetite, menstruation irregular, nervous irritability, and brick-dust deposit in urine, were some of my symptoms. I took Doan's Kidney Pills. The pain in my back gradually left me, my appetite returned, I sleep well, and am effectually cured. I can highly recommend Doan's Kidney Pills to all sufferers from kidney trouble."

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TROUT CREEK

SHORTHORNS

Bulls in service: Gold Cup (imp.), bred by W. Duthie, and Ardethen Royal (imp.), a Marr Princess Royal

James Smith, Manager. W. D. FLATT, Hamilton, Ont.

CLEAR SPRING STOCK FARM HIGH-CLASS SHORTHORNS

A specialty. Present offerings young bulls and heifers from first-class stock. Correspondence or inspection of herd invited.

JAS. BROWN, Thorold Sta. & P. O.

SHORTHORNS and GLYDESDALES

Spicy Count (imp.), 6 thick, fleshy bulls, 12 months old; a few heifers and 6 splendid Clydesdales; 3 mares registered. All young.

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Pine Grove Stock Farm. GORELS, ONT.

Stock Bull For Sale

We offer for sale the Watt-bred Matchless Saller #3684. Sure, active and a grand breeder. Also 3 splendid young bulls, 16 months old, sired by above bull. For further particulars write

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YOUNG SHORTHORNS for sale, either grand Golden Drop show bull, Kinellar Stamp (imp.). Inquiries cheerfully answered.

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SHORTHORNS

For sale: 4 choice bulls by Nonpareil Duke, imported, from heavy-milking cows, registered. Also YORKSHIRES, imported and home-bred. Will sell cheap.

C. & J. Carruthers, Cobourg, Ont.

J. A. Lattimer, Box 16, Woodstock, Ont. Breeder of High-class SCOTCH SHORTHORNS

Choice females for sale at all times. Inspection of our herd is invited.

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