

Stop Cream Waste!

Cream Means Dollars

IT is like throwing dollars away to waste cream these days. It is worse than waste—it is a crime. Yet good, rich cream is being fed to the pigs owing to inferior separation.

Sweden has perfected the most economical, fastest and greatest labor-saving cream separator ever made. This is the world-famed

VIKING CREAM SEPARATOR

OVER ONE MILLION IN USE
Guaranteed for a Lifetime

You, too, can save all your cream with the Viking. Look up the Viking dealer the next time you are in town.

Quick shipment always assured from warehouse at 9 different distributing points throughout Canada.

Get These Two Free Booklets—Packed full of profit-making ideas, methods, systems for dairy farmers. Write for them now.

Swedish Separator Company
Dept. 9 567 So. Wabash St., Chicago, Ill.

Distributors for Ontario:
The Percival Plow and Stove Co.
Limited
MERRICKVILLE, ONT.



"The Coulters Do The Work"

They cut, crush, smooth, pulverize, and mulch, turning the soil twice—all in one operation. That's why the

"Acme" Pulverizing Harrow

makes an ideal seed bed. Light draft—easy on the horses and YOU ride. There's an "Acme" for every purpose—sizes 3 to 17½ feet in width. Send for new free book, "The 'Acme' Way to Crops That Pay." Do it NOW.

Bateman - Wilkinson Co., Ltd.
501 Symington Avenue Toronto, Ontario
No. 23 5½ ft. wide

Deafness



Perfect hearing is now being restored in every condition of deafness or defective hearing from causes such as Catarrhal Deafness, Relaxed or Sunken Drums, Thickened Drums, Roaring and Hissing Sounds, Perforated, Wholly or Partially Destroyed Drums, Discharge from Ears, etc.

Wilson Common-Sense Ear Drums

"Little Wireless Phones for the Ears" require no medicine but effectively replace what is lacking or defective in the natural ear drums. They are simple devices, which the wearer easily fits into the ears where they are invisible. Soft, safe and comfortable.

Write today for our 168 page FREE book on DEAFNESS, giving you full particulars and testimonials.

314 WILSON EAR DRUM CO., Incorporated
Inter-Southern Bldg. LOUISVILLE, KY.

Centre View Farm

OFFERS FOR SALE:

Sir Riverdale Dutchland, born Sept. 5, 1917; sire, Dutchland Creamelle Cornucopia, whose dam is a 30.71-lb. daughter of Colantha Johanna Lad; dam, Riverdale Rose, 588 lbs. milk, 25.13 lbs. butter as a 4-year-old. He is evenly marked, and a very fine individual, will send photo on request.

M. McDOWELL
Woodstock Shipping Station. Oxford Centre P.O.
G. T. R. and C. P. R.

Holstein Bulls

Ready for service and younger. Cows and heifers bred to ORMSBY JANE BURKE, whose two nearest dams average 38.82 lbs. of butter in 7 days. The three nearest sires' dams and his dam's records average 35.69 lbs. for 7 days, and 112 lbs. milk for one day.

R.M. Holtby, R.R. 4, Port Perry, Ont.

Questions and Answers.

Miscellaneous.

Permanent Pasture.

What is the mixture for a permanent pasture?
H. V.

Ans.—For fairly high land there are a number of grasses which give fairly satisfactory results. Orchard grass 4 lbs.; meadow fescue, 4 lbs.; tall oat grass, 3 lbs.; meadow foxtail, 2 lbs.; white clover 2 lbs.; alsike, 2 lbs.; Kentucky blue grass, 4 lbs.; timothy, 2 lbs. will give very good pasture throughout the entire season once they get a start. Some prefer 3 or 4 lbs. of alfalfa and 3 lbs. of red clover to the mixture to furnish feed the first year before some of the finer grasses become established. Alfalfa does not generally stand pasturing, and red clover dies out after the second year.

Cows With Depraved Appetites.

A number of my cows chew wood and bones. They are fed on silage, corn fodder, oat chop and a small quantity of stock food. They milk fairly well but are failing in flesh.
F. E. G.

Ans.—This depraved appetite is an indication that the feed is lacking in mineral matter especially phosphates. The ordinary feeds as a rule supply sufficient mineral matter to meet the requirements of the animal system, especially if the soil contains any quantity of phosphates and lime. Clover hay and oats should supply sufficient mineral matter. A mixture of salt and sifted hard wood ashes has been recommended as a means of satisfying this abnormal appetite.

Cow Fails to Breed.

Two young cows each with first calf. One retained the afterbirth for a time. They come in heat at regular intervals, but are not yet in calf. What is the cause? Is there any cure?
J. G. C.

Ans.—It is rather difficult to state just what the trouble may be. It is possible that something is wrong with the bull. Of course, if he is stopping other cows the cause of trouble will have to be looked for in other quarters. Due to derangement of the genital organs or to disease, some cows are difficult to get in calf. Flush out the cow regularly for a few days with a mild disinfectant. Wash them out before breeding. What is known as the yeast treatment may give the desired results if the heifer is physically all right. Mix an ordinary cake of yeast to a paste with a little warm water and allow to stand for 12 hours in a moderately warm place, then stir in one pint of freshly-boiled luke-warm water, and allow to stand for another eight or ten hours. The mixture will then be ready for use, and the entire quantity should be injected into the vagina of the animal to be bred. Use the mixture when period of heat is first noticed and breed when period is about ended.

Veterinary.

Lame Calf.

Calf had diarrhoea for a week after birth. Then a swelling came on the hind leg. It lies all the time until lifted up. It then staggers around. Has not a good appetite.
A. W.

Ans.—Bathe the swollen part long and often with hot water, and after bathing rub well with hot camphorated oil. Feed on new milk and keep comfortable. A recovery is doubtful.
V.

The kirk in a certain Scottish village was in urgent need of repair, and Sandy McNab, a very popular member, had been invited to collect subscriptions for the purpose. One day the minister met Sandy walking irresolutely along the road. The good man at once guessed the cause. "Man, Sandy," he said, earnestly, "I'm sorry to see ye in this state." "Ah, weel, it's for the good o' the cause," replied the delinquent happily. "Ye see, minister, it's a' through these subscriptions. I've been down the glen collectin' fun's, an' at every hoose they made me hae wee drappie." "Every hoose! But—but—surely, Sandy, there are some of the kirk members who are teetotalers?" "Aye, there are; but I wrote tae those."



SKUNK, COON MINK, WEASEL

Are all bringing good prices. Ship your lot to us and receive highest market figures, returns made same day as shipment is received. Shipping tags furnished free. Write for some and price list.

WM STONE SONS, LIMITED
WOODSTOCK, ONT.

Sunnybrook Farm Holsteins

Offers—One 30-lb. bull, and several grandsons of the great King Segis. Two of these are ready for heavy service. We also have a number of heifers of same breeding—all from approved dams.

JOSEPH KILGOUR
EGLINTON P.O., ONT., NORTH TORONTO
Phone Adol. 396

33-lb. Grandsons of Lula Keys

I have at present ten young bulls all sired by my own herd sire King Korndyke Sadie Keys a son of Lula Keys 36.05 lbs. of butter and 785 lbs. of milk in 7 days. These youngsters are all first-class individuals and their dams' records run as high as 33.29 lbs. of butter in 7 days. Several of them must go quick to make room.

D. B. TRACY (Hamilton House Farms) COBOURG, ONT.

Highland Lake Farms

For Sale: Two extra good (30-lb.) thirty-pound bulls ready for heavy service. Priced to sell. Also younger ones by a son of May Echo Sylvia.

R. W. E. BURNABY - **JEFFERSON, ONT.**
Farm at Stop 55, Yonge St. Radial

HOSPITAL FOR INSANE

HAMILTON - ONTARIO

Present herd sire is one of the best sons of King Segis Alcartra Spofford; we have three of his sons born during May and June last, and also a grandson of Lakeview Lestrage. Apply to Superintendent.

Raymondale Holstein-Friesians

A herd sire of our breeding will improve your herd. We have sons of our present sire, Pontiac Korndyke of Het Loo (sire of \$12,750 Het Loo Pieterje) and also sons of our former sire, Avondale Pontiac Echo. Several of these are of serviceable age, and all are from good record dams. Quality considered, our prices are lower than anywhere else on the continent. These youngsters should not remain long. Write to-day.

Raymondale Farm, Vaudreuil, Que.
D. RAYMOND, Owner
Queen's Hotel, Montreal

Manor Farm Holstein-Friesians

If it's a herd sire you want, write me. I have sons of both my senior and junior sires, King Segis Pontiac Posch and King Korndyke Sadie Keys. All from good record dams. Choice bull calves at present to offer—average for two nearest dams, up to 34.71 lbs. butter to seven days. Correspondence solicited. Visitors welcome.

GORDON S. GOODERHAM, Clarkson, Ont.
Stations: Clarkson and Oakville. Farm on Toronto and Hamilton Highway.

Young Bulls for Sale

from R.O.P. champions and dams and sisters of R.O.P. champions, King Segis Pontiac Posch and King Korndyke Sadie Keys. All from good record dams. Choice bull calves at present to offer—average for two nearest dams, up to 34.71 lbs. butter to seven days. Correspondence solicited. Visitors welcome.

WALBURN RIVERS & SONS (Phone 343 L Ingersoll, Independent Line), R.R. 5, Ingersoll, Ont.

ELDERSLIE FARM HOLSTEIN-FRIESIANS

I am offering for immediate sale several young sons of my senior herd sire Judge Hengerveld De Kol 8th, who is a 32.92-lb. grandson of De Kol's 2nd Butter Boy. The dams of these bulls all have R.O.P. records running up as high as 195.26 lbs. of milk for the year. Write for pedigrees.

A. MUIR (Take Kingston Road Radial cars from Toronto, Stop 37) Scarborough P. O., Ont.

CLOVERLEA FARM HOLSTEIN-FRIESIANS

Offers for sale some choice young bulls ready for service from tested dams. Priced right for immediate sale. Phone or write

GRIESBACH BROS. COLLINGWOOD, ONT.

Silver Stream Holsteins

—We are offering a choice lot of young bull calves, all age on hand at present. We also have some richly-bred young cows due to freshen soon to offer. Write us what you want, or better come and see them.

JACOB MOGK & SON, R.R. 1, Tavistock, Ont.

HOLSTEINS

—A few choice cows and heifers, either fresh or due to freshen soon; also three young bulls, including the first-prize senior calf at Guelph, last December.

W. J. BAILEY, Jarvis, Ontario

Sunnyside Stock Farm Holsteins

—Echo Segis Fayne, our herd sire, is by a brother of the world's 50-lb. cow, Segis Fayne Johanna. He is a grand bull in every way, and is not yet 4 years old. To avoid in-breeding would sell him at a price. Also have bulls from 1 month to 17 months old for sale, sired by Echo Segis Fayne and out of grand producing cows.

JOHN M. MONTLE, Prop., Stanstead, Que.

A Few Select Holstein Bulls

—Priced right—These youngsters are exceptionally good individuals; all from good dams and also spare a few heifers bred to our 30-lb. sire, Gipsy Pontiac Cornucopia.

JOS. PEEL, R.R. No. 4, Port Perry, Ontario

Choice Grandson of Queen Butter Baroness

I am offering a choice 14-months bulls from a 21-lb. junior 2-year-old daughter of Louis Prilly Ronble Hartog, and sired by Baron Colantha Fayne, a son of Queen Butter Baroness, the former 33-lb. Canadian champion cow. Also have others younger.

T. W. McQUEEN (Oxford Co.) Tillsonburg, Ont.

Walnut Grove Holsteins

—I am offering a choice lot of bull calves, all sturdy world's champion, May Echo Sylvia. All are from R. O. M. dams and good individuals. Also having the usual offering in Tamworth Swine.

C. R. JAMES (Take Radial Cars from North Toronto) RICHMOND HILL, ONT.