



COOPER SHEEP DIP

STANDARD OF THE WORLD

for 60 years. Used on 250 millions annually. Superior to all other kinds. No smell. Benefits while it cures. Keeps flock clean a long time. Increases growth and quality of wool. Used by large majority of sheep breeders in all countries.

Sold by all leading druggists and general merchants everywhere.

If local druggist cannot supply, send \$1.75 for \$2 (100 gal.) pkt. to Evans & Sons, Montreal and Toronto.



The Dairy S. Sharples

When the dairy alphabet is written, the letter 'S' will stand for three things—Simplicity, Satisfaction, Sharples. They all mean the same thing.

Tubular Dairy Separators.

The simple separator—free from complicated parts—easy to turn and easy to clean.

The satisfactory separator—gives more cream of better quality—yielding a 5% greater profit on your investment than any other separator.

Our Business Dairymen Book No. 100 explains how and why, but our separator tells its own story better than words can.

You may try it and then decide whether you want it or not.

Sharples Co., P. M. Sharples, Chicago, Ill. West Chester, Pa.

JERSEY CATTLE

Fit for St. Louis.

The herd of the late MR. F. M. JONES is FOR SALE.

This magnificent herd represents the result of 30 years of careful breeding and selection by one of the first among the acknowledged experts of America. 1 splendid 3-year-old bull; 8 milking cows, of which, on ordinary feed of herd, one yields 16 lbs. butter a week; 4 rising 3, made on first calves, 13 lbs. 134 ozs.; 11 lbs. 4 ozs.; 10 lbs. 6 ozs.; 10 lbs. 6 ozs.; 6 2-year-olds (calving soon), the most beautiful which have ever stood in this celebrated home of beautiful Jerseys; 2 yearling heifers; 4 heifer calves; 2 bull calves.

MISS E. JONES, Box 324, Brockville, Ont.

Jersey Bulls

Out of tested show cows and sired by Brampton's Monarch (imp.). As we have the largest herd of pure-bred Jerseys in Canada, we are able to offer great choice. Come and see or write for what you want.

B. H. BULL & SON, O.P.R. and G.T.R. stations, Brampton, Ont.

Maple Park Farm Holsteins.

Netherland De Kol (imp.), stock bull. Stock of all ages for sale from the great De Kol Pietertje Clothilde and Barrington strains. Home of the great cows, Edgeley Mol, milk record 104 lbs. in 24 hours; Emery Beauty, the great public test winner, and many others with heavy records. SIDNEY MACKLIN, on Streetsville P. O. and station, C. P. R.

4 HOLSTEIN BULLS 4

For sale: From 4 to 7 months old, having sires in their pedigrees from such strains as Linka, Netherland, Royal Aggie, and Tritonia Prince, and out of imported females that have proven their worth at the fall. THOS. B. CARLAW & SON, Warkworth.

Ridgedale Farm Holstein-Friesians for Sale.

2 yearling bulls; also bull and heifer calves; all of choice breeding. Prices always reasonable. Write, or come and see them. R. W. WALKER, Union P. O. Shipping stations: Port Perry, G. T. R.; Myrdo, C. P. R.

Tredinnock Ayrshires.

Imported bulls at head of herd: Glenosair 3rd, Napoleon of Auchinbrain, and Lord Dudley. Forty imported females, selected from leading Scotch herds, and their produce from above-named bulls. Fine combined with quality and style, well-formed udders, good-sized teats, and capacity for large milk production. Bull calves for sale; also a few young cows and heifers. For prices and particulars address JAMES BODEN, Mgr., St. Anne de Bellevue, G.T.R. & C.P.R., 20 miles west of Montreal.

NETHERLEA AYRSHIRES.

Present offering: 3 bulls fit for service, prize-winners; also a few young females, sired by Napoleon of Auchinbrain (imp.), whose dam's record was 72 lbs. a day, and all of them out of record cows. T. D. McCALLUM, on Danville P. O. and Station, Quebec.

AYRSHIRE CATTLE

SHROPSHIRE SHEEP, B. P. ROCK FOWL and 20 YOUNG LARGE ENGLISH BERKSHIRES FOR SALE.

J. YUILL & SONS, on Carleton Place, Ont.

GOSSIP.

The Live Stock Department of the Louisiana Purchase Exposition was virtually organized only since the first of the year, and hence its plans are far less advanced than is desirable. Work on the classifications and the rules and regulations governing exhibits is now, however, being energetically pushed by the Department's chief, Mr. F. D. Coburn, who is placing himself in the closest possible touch with breeders of improved stock everywhere, with a view to utilizing their best ideas for making their feature of the great Exposition what it should be. The Exposition management has planned an exhibition on a scale about twice as large as that of any previous international exposition. The cost of the World's Columbian Exposition at Chicago was about nineteen million dollars. The estimated cost of the St. Louis World's Fair is near forty million dollars. The live-stock interests at the Louisiana Purchase Exposition are likely to be given proportionate attention. Classifications will include all recognized improved breeds. It is expected the friends of all the varieties of live stock will find at St. Louis much greater recognition than has been given them on any previous occasion.

MILK FEVER OR PARTURIENT APOPLEXY.



THIS is a disease peculiar to parturition or calving. It is not a fever, as is generally supposed; the rise of temperature to 101 or 2° F. is always favorable.

Symptoms.—The cow appears a little weak or unsteady in the hind quarters has difficulty in rising, forgets her calf, the secretion of milk is suspended, she staggers and falls, and is unable to rise, her head is thrown to her side, and she becomes unconscious of everything about her. Cows most subject to it are deep milkers, fat animals, about the third calf, after an easy natural birth.

Treatment.—Nux vomica or strychnine has given us best results. Tincture of nux vomica in from two to four dram doses may be placed on the tongue every two hours. If twitching of the muscles is shown, decrease the dose. The urine should be drawn with the catheter. The rectum should be emptied by copious injections of warm water.

A physic is dangerous to administer, and almost useless, as the animal would have died or recovered before a physic could operate.

The iodide of potash in parturient apoplexy is now being employed quite successfully. One hundred and fifty grains of iodide of potash should be dissolved in a quart of boiled water. Then, one-fourth of this should be injected, at the temperature of the blood, into each teat. Bag should be thoroughly kneaded immediately after injection. Injections should be repeated in twelve hours if the animal has not improved. Before using injections, the udder should be thoroughly cleansed with carbolic water or one to one-thousandth solution of bichloride of mercury. All the milk should be completely drawn.

If the temperature rises or the rectum fills with fecal matter, it is a very favorable indication. Prevention is better than cure in these cases, as the disease is extremely fatal. Light, laxative feed for two weeks before calving, with plenty of exercise, wards off attacks.

All through this treatment give Dr. Hess' Stock Food, a powerful tonic and reconstructive, which gives additional value and nutriment to the food and steadily strengthens the animal's entire systemic condition. The improvement will be noticeable after the first three or four doses—and entire recovery will quickly follow. In every package of this food is enclosed a little yellow card, entitling the purchaser free prescriptions from Dr. Hess.

Dr. Hess' Invaluable Stock Book—a medical treatise in practical form—will be sent free to anyone that will write Dr. Hess & Clark, Ashland, Ohio, U. S. A., mention this paper and state what stock he has and what stock food he has used.

RIBY GROVE, GREAT GRIMSBY, LINCOLNSHIRE

EXTENSIVE SALE OF

Pure-bred Shorthorn Cattle and Lincoln Long-wooled Sheep.

JOHN THORNTON & CO. will sell by auction, on Friday, July 3rd, at Riby Grove, near Great Grimsby, about 70 SHORTHORN CATTLE and 100 Yearling LINCOLN RAMS and EWES (specially selected), the property of Henry Dudding, Esq.

The SHORTHORNS comprise a grand lot of young red and roan cows with calves at foot, many being excellent milkers, a large number of in-calf two-year-old and yearling heifers, as well as about 20 one and two year old bulls, mostly red or rich roan, of great substance and quality, bred from the best

old Shorthorn strains of long descent of the Scotch Bates-Booth blood.

LINCOLN LONG-WOOLLED SHEEP.—Also will be sold about 50 Yearling Rams and 50 Yearling Ewes from the very old-established Lincoln long-wooled flock that has been so distinguished at the R. A. S. E. and Smithfield Club Shows. Last year, first prizes were won at the Royal and County Shows, and the Champion Cup for the best long-wooled sheep in the great Smithfield Club Show.

Catalogues may be had of JOHN THORNTON & CO., 7 Princes Street, Hanover Square, London, W., who will execute commissions.

HILLOREST HERD OF Large English Berkshires

AYRSHIRES

WATSON OGILVIE, PROPRIETOR.

Ogilvie's Ayrshires won the herd and young prizes at Toronto, London and Ottawa in 1900; also at the Pan-American, in 1901, and in 1902 they won all the herd prizes and medals, sweepstakes and diplomas, with one exception. The cows are all imported, and were carefully selected for strength and constitution, style, size of teats, and milk (quantity and quality). The herd is headed by Douglassdale (imp.), champion at the Pan-American and at Ottawa, Toronto and London; in 1902, ably assisted by Black Prince (imp.). Stock, imported and home-bred, for sale at all times.

ROBERT HUNTER, Manager.

Near Montreal. One mile from electric cars. Lachine Rapids, P. Q.

W. W. BALLANTYNE, Stratford, Ontario, offers three

YEARLING AYRSHIRE BULLS

of choice breeding, and right good individuals, at reduced prices, to make a clearance this month. Also bull calves, all ages, and heifer calves, yearlings and two-year-olds.

FOR SALE, AT MAPLE AVENUE STOCK FARM, CHOICE

Lincoln Sheep and Shorthorn Cattle Bred from best Bred from Scotch bulls of fashionable families.

CAN SUPPLY EITHER IN CARGO LOTS.

Write us before buying elsewhere. Address: F. H. NEIL, Proprietor, LUCAN, ONT.

Box 35. Telegraph and Railway Station.

American Leicester Breeders' ASSOCIATION.

A. W. Smith, Pres., Maple Lodge, Ont.

Pedigrees now being received for Vol. 4. For information, blanks, etc., address:

A. J. TEMPLE, Sec., CAMERON, ILL. U. S. A.

FOR SALE: Six Shropshire shearing rams, 6 t by imported ram, and two roan yearling Shorthorn bulls, by imported Duthie bull, Count Saracum. For further particulars apply to L. BURNETT, Greenbank P. O., Ont.

W. S. CARPENTER,

"MODEL FARM," SIMCOE, ONT.

Importer and breeder of Shropshire sheep. My flock was represented at Toronto, and won first in shearing ram, first and second on aged ewes, and second on the pen. First time exhibiting. If in need of a first-class yearling ram, imported or home-bred, write! Your wants can be supplied, and at prices consistent with quality. Have a choice lot to choose from, and can guarantee satisfaction. Come and see them, or a card will bring them.

Station One-half Mile from Farm. Wabash and G. T. E.

Dorsets and Chesters

Young stock in Dorset Sheep and Chester

White Hogs of good quality for sale, reasonable

R. H. HARDING, THORNDALE, ONT.

"MAPLEVIEW FARM."

PRIZEWINNING COTSWOLDS.

Imported and home-bred stock, prizewinners at all the leading fairs. ELGIN F. PARK, on Box 21, Burgessville, Ontario, Canada.

IMP. COTSWOLD SHEEP

Five rams (year-olds), both sires and dams imp.; 10 ewes (year-olds), sire imp. Also this year's lambs, both sexes; Yorkshire and Tamworth hogs.

BROOKS & LANGMAID, COURTOISE, ONT.

SHROPSHIRE FOR SALE.—Shearing rams, ram lambs, ewe lambs, also shearing and older ewes, about 60 head all told. All registered or eligible. Low-set, well covered, in fine condition and form. Sires from Campbell and Dryden flocks. WALCOLM McDOUGALL, on Tiverton, Ont.

Newcastle Herd of Tamworth Swine

Have for a number of years taken a share of the best prizes offered at Toronto Exhibition, but this year has excelled all past records, having taken the sweepstakes for the best herd; also both silver medals for best Tamworth boar and best Tamworth sow, besides many other prizes in the various classes. Our present offerings are: A few choice young sows, 4 to 6 months old; 2 yearling sows, in pig; and we are now booking orders for spring pigs, both sexes. Enquiries promptly answered.

COLWILL BROS., NEWCASTLE, ONT.

WILLOW LODGE BERKSHIRES

Herd headed by Long-fellow 10th of H. F., assisted by the noted prize-winner, Highlander Crown 3rd. Sows, the best money will buy, and are winners. Young stock of both sexes and all ages for sale, not akin.

W. WILSON, SNELGROVE, ONT.

Large English Yorkshires

Imported and Canadian-bred Yorkshires from stock of the best British herds. A choice lot of boars, ready for service, and a number of sows being bred to imported Dalmeny Long Ram, for sale. Also young pigs, all ages.

H. J. DAVIS, Box 518, WOODSTOCK, ONT.

LANGELIER'S YORKSHIRES.

My importation of Yorkshires has arrived, and is rather better than I expected. Imported boars and sows now for sale at prices consistent with quality. Correspondence cheerfully answered.

GUS. LANGELIER, QUEBEC CITY.

YORKSHIRES AND BERKSHIRES.

FOR SALE: Some choice young sows and boars, ready to breed; also Banded Rock eggs, \$1 per setting.

O. & J. CARRUTHERS, on Cobourg, Ont.

FOR SALE:

Yorkshires and Holsteins

Best type and quality. Young stock constantly on hand. Prices right.

R. HONEY, on Brickley P. O., instead of Warkworth.

Yorkshires

For the next 3 months I can supply either sex, that for ideal bacon type, smooth, even finish, are unsurpassed.

Prices reasonable. WM. TEASDALE, on Thornhill Sts. and electric cars. Dollar P. O.