

BAG



BALM

Just the Thing
for Sore Teats &
Caked Udders

Softens the glands, relieves congestion, cools inflamed tissues, breaks up the bunches and makes the milk flow easier and natural. Heals, but does not chill. A remedy that every dairyman who gives it a trial will appreciate. If your dealer cannot supply you we send it direct. Write, Dairy Association Co., Mrs. Lyndonville, Vt. U. S. A.



You need a
HOLSTEIN
BULL

Piebe De Kol," whose dam and sire's dam records average 619.2 lbs. milk, 27.31 lbs. butter in 7 days, or "Duchess Aeggie De Kol Beryl Wayne," grandson of the famous "Beryl Wayne," 92 lbs. milk in one day, 27.87 lbs. butter in 7 days, 17.17 lbs. milk in 104 months. We have 12 imported and home-bred bulls to offer of such breeding; also heifers and young cows. Just imported, 36 head in the past six months. 72 head from which to select. It will be to your interest to enquire before buying elsewhere.

H. E. GEORGE, Crampton, Ont.
Seven miles from Ingersoll.

ANNANDALE HOLSTEIN HERD

are the greatest of the breed individually, and backed by great records, viz:

Brookbank Butter Baron, dam and sire's dam average 22 lbs. butter in 7 days, 4.5 per cent. fat. First-prize bull at Ottawa and Toronto, 1905.

Prince Posch Calamity, dam and sire's dam average 26.1 lbs. butter in 7 days, 86 lbs. milk in one day, 3.6 per cent. fat. Also a prizewinner at Toronto and Ottawa.

Wopke Posma, imported in dam from Holland. Sire Wopke, his dam Boss, greatest cow in Holland. Record: 17,160 lbs. milk in 336 days, 734 lbs. butter, 3.97 per cent. fat.

You don't draw a blank in purchasing a bull from such sires and such dams as are kept at Annandale Stock Farm, Tilsonburg, Ont.

GEO. RICE, Prop.

RIVERSIDE HOLSTEINS

80 head to select from. Six young bulls, from 4 to 7 months old, whose dams have official weekly records from 16 to 21 lbs. butter; sired by Johanna Rue 4th's Lad, a son of Sarcastic Lad, Grand Champion prize bull at World's Fair, St. Louis, 1904.

MATT. RICHARDSON & SON, Caledonia, Ont.

WOODBINE HOLSTEINS

Herd headed by Sir Mechthilde Posch, absolutely the best official-backed sire in Canada. Dam Janthe Jewel Mechthilde, 25.8 pounds butter in seven days. Champion cow of Canada over all breeds. Sire's dam, Aaltje Posch 4th, holds the world's largest two-day public test record—8.6 pounds butter. Young bulls of the choicest quality for sale.

A. KENNEDY, Agr. Ont.
Ayr, C.P.R.; Paris, G.T.R.

Lyndale Holsteins

Stock for sale, any age, either sex.

BROWN BROS., - Lyn. Ont.

IMPERIAL STOCK FARM HOLSTEINS

A prizewinning herd of imported, officially tested stock. Bulls of all ages for sale, also a few cows. W. H. SIMMONS, New Durham, Ontario.

Grove Hill Holsteins—Herd contains 55 head, in the advanced registry. Our stock bulls have all been backed up by high records. Present offering: Several young bulls and a few females. F. R. MALLORY, Frankford P. O. and Sta., C. O. R.

QUESTIONS AND ANSWERS.
Miscellaneous.

LUMBER FOR BARN.

Please inform me probable cost of lumber for barn 78 x 34 feet—balloon frame to go on cement basement, height of frame wall from wall-plate 6 feet, sheeted and clap-boarded, also floor and joists equal to carry hay to its full capacity, also roofing and shingles. DALMENY Montreal.

Ans.—The price of building material at Montreal is so different from that of London, Ont., that we will not venture to give cost. We submit an estimate of material required, which is at least approximate, but as styles of buildings differ in different localities as much as prices do, we can say no more for it. You had better consult a practical builder. Studing, 2 x 4 on sides, and 2 x 6 at ends, 2 feet apart, 700 feet; plates, not including those on top of wall, 3 x 4, 160 feet; rafters and collar beams, 2 x 6, 3 feet apart, 1,800 feet; floor joists, 2 x 12, 2 feet spacing, supported below at two places, 2,720 feet; flooring, two thicknesses of inch boards, 5,400 feet; sheathing, for sides and roof, 5,300 feet; clap-boards, 2,100 feet; shingles, 284 thousand.

SEEDING OATS WITH CLOVER.

Do you think it would pay to seed out ground with clover to make some fall pasture and also enrich the ground, if the ground is again fall plowed? If so, which would be the best to sow, alsike or red clover? Is alsike as good a nitrogen-gatherer as red clover? A. T. Kent Co., Ont.

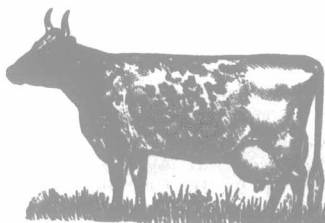
Ans.—Conditions must determine. You know better than we what would be the chances of getting a good growth. On some farms, where the clover forms a thick growth, six or eight inches high, before fall, the seeding would pay well, for young clover is relatively rich in mineral matter and nitrogen, the latter taken mostly from the air, and on decay of the tender tissues of the clover, this is readily available to the roots of the next crop. The addition of humus is also a considerable advantage, and the pasture alone might almost pay for the seeding. There is this point also to consider, that the clover stand might be so good as to be profitable to leave. Indeed, under ordinary Ontario conditions, we believe it pays to seed each grain crop to clover for hay. If the land is a low-lying clay, alsike will be more likely to succeed than red clover. On medium soils, saw mostly red clover, with a little alsike, say 8 lbs. red clover and 2 lbs. alsike. Both are good nitrogen-gatherers, but red clover is deeper-rooted and preferable for hay or pasture.

HYDRAULIC RAM STROKE.

I have a No. 4 hydraulic ram, fed from strong spring by 2-inch pipe, reduced to 1½ pipe at ram. Discharge pipe is only ½ inch. The pump makes about 75 strokes per minute; has been going at this rate about six months. How long will the pump part be likely to last under the circumstances? Would it be easier on the pump if discharge pipe were larger? Seems difficult to reduce speed of pump and get as good results. The incline from ram to buildings is about 25 feet. D. M.

Ans.—I am informed by one who has had much experience with hydraulic rams that the cause for the rapidity of the stroke may be an obstruction in the bottom of the check valve, which will not allow the valve to drop the full length. A leaf from a tree, or any other small object of that sort, may be sufficient to cause the trouble. If it is not that, I am unable to suggest a remedy without personal examination of the outfit. It would be somewhat easier on the pump if the discharge pipe were larger; since, if it were larger, the resistance would be less, and the water would be driven more easily through the discharge pipe. If the discharge pipe is very long, the resistance, of course, is increased in proportion, and it may be that at the moment of the up-stroke of the valve and the opening of the valve into the dome, with the long discharge pipe of small diameter, the pump would experience a heavy shock. If, however, the discharge is comparatively short, a one-half inch size would not cause any severe strain on the machine. J. B. REYNOLDS.

O. A. C.



BERKSHIRES

HILLCREST HERD OF ENGLISH BERKSHIRES

For Sale: A lot of very choice young things of various ages. We prepay express charges and guarantee satisfaction. Enquiries promptly answered. Vine Sta., G. T. R., near Barrie.

With Cheese at 12c. and Butter at 25c.

Buy a Holstein Bull

and Improve Your Dairy Herd? I have them Right in Breeding, Right in Quality, Right in Price. Order early if you want one. G. W. CLEMONS, ST. GEORGE, ONT.

HOLSTEINS AND CHESTER WHITES.

Our Holsteins are producers and prizewinners. Young bulls and a few choice heifers for sale. Also some extra good young Chester White pigs, both sexes. D. G. GOODERHAM, Thornhill P. O. G. T. R. and street cars.

MAPLE GLEN STOCK FARM

Can now offer one young bull, born last spring, and four bull calves, born in Aug., Sept. and Oct., from select cows, and sired by the great imp. bull, Sir Alta Posch Beets. Any female in the herd can be secured at their value. G. J. Gilroy & Son, Glen Snel, Ont.

"GLENARBY" HOLSTEINS
We have for immediate sale several young bulls, and a number of young females, that for ideal type and superior quality, backed up by gilt-edged breeding, are unsurpassed. G. MACINTYRE, Renfrew P. O. and Stn.

AYRSHIRES

The famous Reford Herd at St. Anne de Bellevue, Que., now owned by Sir William C. Macdonald.

Several yearling bulls for sale; also a number of bull calves, Quality and appearance extra good, bred from the best milking strains, noted for robust constitution and large tests.

For particulars apply to
MACDONALD COLLEGE
St. Anne de Bellevue, Quebec.

AYRSHIRE BULLS

Fit for service; sired by Royal Peter, imp. Grand Champion at Dominion Exhibition this year; also one May and several August calves by a son of imp. Douglassdale and imp. Minnie of Levenshoe, both champions and out of daughters of imp. Daisy and imp. Kirsy.

W. W. BALLANTYNE, Stratford, Ont.

Maple Cliff Dairy and Stock Farm
Brooders of Clydesdale Horses, Ayrshire Cattle, Berkshire and Tamworth Pigs. Young stock for sale at all times. R. REID & CO., Hintonburg, Ont. Farm adjoins Central Experimental Farm.

AYRSHIRES—Choice stock of either sex, different ages, for sale. Prices reasonable. For particulars apply to

N. WYMENT, Hickory Hill Stock Farm, Dundas St. & Tel. o Clappison, Ont.

Meadowside Farm

Ayrshire Cattle, Shropshire sheep, Berkshire pigs, B. F. Rocks and B. Orpingtons. Young stock for sale. A. R. YUILL, Prop., Carleton Place, Ont.

SUNNYSIDE AYRSHIRES.
Cows and heifers, all ages; 1 bull 2 years old, 2 bulls 1 year old, and bull calf 2 months old, out of the Pan-American winner. Dams are extra heavy milkers. John W. Logan, Howick Station, Que.

HIGH-CLASS AYRSHIRE CATTLE
Bulls and heifer calves, two to nine months old, cows and heifers all ages. Prizewinners from this herd include Tom Brown and White Floss, sweepstakes at Chicago. DAVID BENNING & SON, "Glenhurst," Williamstown, Ont.

STOCKWOOD AYRSHIRES FOR SALE

1 bull 11 months, 2 bull calves 6 months; also a choice lot of cows and heifers coming in Sept. and Oct. A number of heifer calves dropped Aug., 1905. For full particulars address, D. M. WATT, Allan's Corners, Que.

SPRING BURN STOCK FARM, North Williamsburg, Ont.
H. J. WHITEKER & SONS, Props., Offer 11 Ayrshire Bulls, from 8 months to 3 years old, from heavy-milking cows with large tests. Also a number of Buff Orpington cockerels and pullets. Prices reasonable.

Wardend Ayrshires—We are now offering a few young bulls, from 3 to 12 months of age, richly bred and out of producing dams; also females of any age. Will sell cheap for quick sales, as we are over-stocked. F. W. TAYLOR, Wellman's Corners, Heald's Sta., G. T. R.

AYRSHIRES and YORKSHIRES

Choice yearling heifers just bred to imp. bulls. A few young cows, young bulls and calves, all bred from the best known milking strains. Jan. and March boars and young pigs of good type and breeding. See us at Toronto, or write for prices. ALEX. HUME & CO., - Menlo P. O.

Imported and Canadian-bred
H. M. VANDERLIP, Cainsville,
on T. H. & B. and B. & G. division of Grand Trunk. Telephone and telegraph, Cainsville, Ont.

Shropshire & Cotswold Sheep

SCOTCH SHORTHORNS and

CLYDESDALES

Choice ram and ewe lambs. Also 50 shearing ewes for sale. Apply to JOHN BRIGHT, Myrtle Station, Ontario.

FAIRVIEW SHROPSHIRE
Nearly sold out. Now offer 4 good quality, medium size shearing ewes, 6 choice ewes, 3 to 6 yrs. old, imp. and home-bred 15 real good ewe lambs; best of breeding. Young ewes, were bred to St. Louis champion ram and Altamont, a proved excellent sire. Aged ewes were bred to Fair Star Rose, the sire of more winners than any ram in America. Great bargains offered to clear out season's offerings. JOHN CAMPBELL, Fairview Farm, o Woodville, Ont.

SOUTHDOWNS

For sale: Babraham Pattern, two years old, the best ram lamb in the second-prize pen at the Royal, and first London Fair.

COLLINS
At stud, imported Wishaw Hero, \$10. Puppies out of dam of first and sweepstakes New York. o ROBERT McEWEN, Byron, Ontario.

SHROPSHIRE RAMS AND EWES

From the Best Breeders.
Home-bred Rams and Ewes, both Shropshire and Cotswold, of the best breeding. Great supply strong fellows that will breed well, and at prices that cannot be anything but satisfactory. Write me. ROBERT MILLER, Stouffville, Ont.

BROAD LEA OXFORDS.

Present offerings are: Ram and ewe lambs of the low-down, blocky type. Also Yorkshire boar and sows five months old, of improved bacon type. A number of nice Barred Plymouth Rock cockerels at reasonable prices. Correspondence promptly answered. R. R. Stations: Mildmay, G. T. R. W. H. ARKELL, Teeswater, C.P.R. o Teeswater, Ont.

DORSET HORN SHEEP and SCOTCH SHORTHORNS

The latter representing the Nonpareil, Miss Ramsden, Mistle and Gloster families exclusively, and the former comprising more Royal winners and more St. Louis prizewinners than any other flock in the world. Stock for sale always on hand. JOHN A. McGILLIVRAY, North Toronto, Ontario.

HIDES

SHEEPSKINS, FURS

Consignments Solicited. Top Prices.
E. T. CARTER & CO., TORONTO

Farnham Oxford Downs

Wen 70 Prizes in 1905.
Present offering: 50 ewes from 1 to 4 years (bred), 15 imported rams; also a number of ram and ewe lambs at reasonable prices.

HENRY ARKELL & SON, Arkell, Ont.

100 Shropshires & Cotswolds 100

One hundred head for sale. Ten shearing rams, fifty ram lambs, and sixty shearing ewes. Rams are good enough to head any flock. The ewes are a choice lot and will be bred to imp. ram. John Miller, - Brougham, Ont.