

## Buy Drummond's Dairy Supplies By Mail—Satisfaction Guaranteed

Wherever you are, whatever your need, you can buy from DRUMMOND and be sure that what you get will be entirely satisfactory. Dairy farmers, milk dealers, creamerymen, cheese makers, buy their apparatus and equipment of all kinds, from a milk pail to a refrigerating or pasteurizing plant from DRUMMOND. Any of the following articles promptly shipped on receipt of price.



### Decimal Automatic Scale

is made especially for weighing milk in the pail. There is a loose indicator on the dial that can be set back by a thumb-screw when the pail is on the hook. Then when the pail of milk is placed on the hook this indicator gives the exact net weight of the milk. It has another indicator that records the same as any spring balance, so it can be used for weighing anything up to 30 pounds—larger sizes weighing 60 and 120 pounds.

**\$4.50**

### The Facile Jr. Babcock Tester

Used by all the Gov't Testing Stations. This 4-bottle Tester is the same as carried by all the Canadian Gov't Testers, who travel all over the country on their official trips. It is extremely simple in construction and operation. The working parts consist of but two cut gears and they are enclosed in a cast iron case to keep them free from dirt and to prevent their catching clothing, towels, etc. It turns easily without vibration or jar. It is sent complete with glass-ware, bottle brush, acid and full directions for use. It will pay you to have this scale and tester whether you milk 3 or 30 cows.

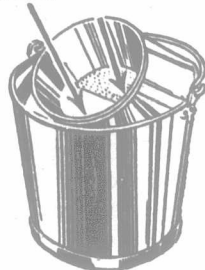
4-bottle Tester - - \$5.50  
2-bottle Tester - - \$4.25

### Drummond's Guarantee Provents Disappointment

We guarantee all our goods to be and do as we say. If you have trouble in getting results or if there is any defect in what you buy, let us know and we will adjust it satisfactorily.

The Dairy Car on the Ontario Government Demonstration Train was Equipped Entirely with "Drummond Supplies." 101

### MILK STRAINER DIRT SHELF



### Sterilac Milk Pail

Note its clever construction. The funnel is detachable. As the milk falls on the slant towards the milk, it passes direct through the strainer into the pail. All dirt falls on a deep shelf inside the funnel—not on the strainer—thus milk and dirt never come in contact. You can use ordinary cheese cloth for straining. Capacity 14 quarts, no joints on the inside; it is easily cleaned. Price \$2.50. Used by all up-to-date farmers and dairymen.

### Other Things Every Dairyman Needs

Straight Spring Scales, 25 lbs. by ½ lbs. - - - 38c.  
" " " 50 lbs. by 1 lbs. - - - 59c.  
" " " 40 lbs. by 1 lbs. - - - 75c.  
Roto Salt Cakes and Feeders - - - 50c.

Cattle Instruments, Trocars, Milk Fever Outfits, Garget Cure, Hard Milker Outfit, Horse and Cattle Syringes, Etc. Bestov Coolers and Aerators Everything for the Dairy

### Write Now for FREE Catalogue

full of suggestions for making dairy work easier and more profitable. Sent FREE on request. Address

**W. A. DRUMMOND & CO.**

217 King Street E. Toronto

## Don Jersey Herd

Offers young bulls and heifers for sale; heifers bred to Eminent Royal Farn.

D. Duncan, Don, Ont., Duncan Stn., C.N.R.

Phone Long-distance Agincourt.

## High Grove Jerseys & Yorkshires

No better blood in Canada. Present offerings: Choice young sows due to farrow in March. Jerseys, all ages, both sexes.

Arthur H. Tufts, P. O. Box 111, Tweed, Ont.

**City View Ayrshires**—One very choice bull, 20 months old; four 1911 bulls, all grand individuals, and from R. O. P. ancestors; could spare two or three more cows. Write or phone.

JAS. BEGG, R. R. No. 1, St. Thomas

**Ayrshires** of production, type and quality. I can supply Ayr hires that will please the most exacting critic. Young bulls or females of any age, the kind that swell the bank account.

R. M. Howden, St. Louis Sta., Que. L.-D. phone.

**Choice Ayrshires** Good teats, heavy producers and high testers. Prices low considering quality. White Wyandottes, \$2 each. WILLIAM THORN, Trout Run Stock Farm, Lynedoch, Ont. Long-distance phone in house.

## Riverside Holsteins

Herd headed by Prince De Kol Posch; dam was champion two years in succession at Guelph dairy test. King Johanna Pontica Korndyke; the record of dam and two nearest dams on sire's side average 32.12. Young bulls and females for sale.

J. W. Richardson, Caledonia, Ont.

**WELCOM STOCK FARM HOLSTEINS**—We have direct descendants of these unequalled performers, Peitertje Hengerveld Count De Kol, sire of three daughters above 32 lbs.; Pontiac Korndyke, two daughters above 37 lbs.; Hengerveld De Kol, with the longest list of A. R. O. sons and daughters; Blanch Lyons, dam of two daughters above 33 lbs.; Colantha 4th Johanna, whose yearly production of butter and milk stands unequalled. Present offering: Some good young cows and heifers; also a few extra choice bull calves.

C. BOLLERT & J. LEUSZLER,

R. R. No. 6, Tavistock, Ont.

**Glennwood Stock Farm 5 HOLSTEINS**—BULL CALVES fit for service, out of big milking strains, at low figure for quick sale. THOS. B. CARLAW & SON, WARKWORTH, ONT., Campbellford Sta.

**For Sale—Holsteins and Yorkshires** Six choice grade Holstein heifers, 2 years old, due to calve in March; choice bull calves from tested dam, \$25 each. Reg. Yorkshire pigs, \$11 a pair.

W. A. BRYANT, Cairnform, Ont.

**Ridgedale Farm Holsteins**—We have four high-testing dams; sire by Imperial Pauline De Kol, whose 15 nearest dams average 26.20 lbs. butter in 7 days. Shipping stations: Port Perry, G. T. R., and Myrtle, C. P. R., Ontario County.

R. W. WALKER, Utica, Ont.

**Holstein** bull calves for quick sale—Registered, big lusty fellows of superior breeding; dams 1,200 lbs.; sire imported; \$25 to \$50, according to age.

MOINET DAIRY, Box 53, Milton, Ont.

## DAVIES'

Slaughter-house by-products, Bone, Blood, Tankage, etc., are thoroughly sterilized, practically deodorized, then utilized in the preparation of

## HIGH GRADE ANIMAL FERTILIZERS

Brands specially suited for Potatoes, Tobacco, Corn, Beans, Orchards, Grains, Vegetables, Greenhouse crops, Grass Lands, Lawns, etc., are being manufactured at our Toronto factory. There is no doubt as to their superiority over mixtures of purely chemical compositions. Professors Harcourt, Blair, Cumming and Gamble highly commend them in their opinions expressed in our booklet. Samples of the raw materials may be seen on the FARMING SPECIAL now being run by the Ontario Government. (We will supply you with these raw materials if you prefer to do your own mixing—the economy is doubtful, however.) We pay freight on all orders of 200 lbs. or more, in the Provinces of Ontario and Quebec—all other quotations f.o.b. factory. Payments in the fall. Don't be satisfied with any brand your dealer happens to handle—demand Davies', and if he isn't "up-to-date in the Fertilizer line," order direct from us. It will cost you no more. Don't waste your money paying 10% duty on imported brands—we give you that in extra plant food. Increase your yields, profits and happiness for years to come by writing us for our assistance.

The WM. DAVIE & COMPANY, Ltd., 521 Front St. East, Toronto, Canada  
ESTABLISHED 1854

## Brampton Jerseys

cows and some calves for sale. Production and quality.

B. H. BULL & SON, BRAMPTON, ONT.

## SPRINGBANK AYRSHIRES

tains more champion milk- and butter-producers than any other herd. Also big cattle, big udders and big teats a specialty. A few bull calves, true to color and type, from R. O. P. dams, for sale at reasonable prices. A. S. TURNER & SON, Ryckman's Corners, Ont. Three miles south of Hamilton. Visitors welcome. Trains met by appointment.

## SPRINGBURN AYRSHIRES

are offering a limited number of young bulls rising 1 year of age, sired by the Auchenrain Famous Beauty bred bull, Auchenrain Good Gift imp. Female of all ages. A specialty in spring calving cows. McMILLAN & LEGGAT, TROUT RIVER, QUE. L.-D. phone. Carr's Crossing station on G. T. R.

## Burnside Ayrshires

Champions in the show ring and dairy tests. Animals all ages and both sexes for sale.

R. R. NESS, Howick, Quebec

**Ayrshires and Yorkshires**—We have still some good young bulls. Now is the time to buy for the coming season, before the best go. We have females any age, and can fill orders for carlots of Ayrshires. Pigs of either sex on hand.

ALEX. HUMF & CO., Menie, Ont.

## Ayrshires

Bull calves, from 4 months to 9 months, from imported sire and Record of Far formance dams. Records 50 to 63 pounds per day

N. Dymont, R. R. No. 2, Hamilton, Ont.

## STONEHOUSE AYRSHIRES

Are coming to the front wherever shown. Look out for this at the leading exhibitions. Some choice young bulls for sale, as well as cows and heifers.

HECTOR GORDON, Howick, Quebec.

## Maple Hill Holstein-Friesians

—Special offering: Bulls from one to fifteen months old. The growing kind that will give good service. One from a son of Evergreen March, and all from Record of Merit dams. Write for particulars.

Bell Telephone.

G. W. CLEMONS, St. George, Ont.

bulls at this service are getting scarce. Just a few left. Yearling heifers in calf are in great demand; 6 for sale; 6 now being bred Brampton Stockwell the sire. A few good

The world's leading herd of Record of-Performance Ayrshires. Con-

Imp. and Canadian bred. Oldest established herd in Canada. We

Famous Beauty bred bull, Auchenrain Good Gift imp. Female of all ages. A specialty

are offering a limited number of young bulls rising 1 year of age, sired by the Auchenrain Famous Beauty bred bull, Auchenrain Good Gift imp. Female of all ages. A specialty

Imp. and Canadian bred. Oldest established herd in Canada. We

Famous Beauty bred bull, Auchenrain Good Gift imp. Female of all ages. A specialty

Champions in the show ring and dairy tests. Animals all ages and both sexes for sale.

R. R. NESS, Howick, Quebec

We have still some good young bulls. Now is the time to buy for the coming season, before the best go. We have females any age, and can fill orders for carlots of Ayrshires. Pigs of either sex on hand.

ALEX. HUMF & CO., Menie, Ont.

Bull calves, from 4 months to 9 months, from imported sire and Record of Far formance dams. Records 50 to 63 pounds per day

N. Dymont, R. R. No. 2, Hamilton, Ont.

Are coming to the front wherever shown. Look out for this at the leading exhibitions. Some choice young bulls for sale, as well as cows and heifers.

HECTOR GORDON, Howick, Quebec.

—Special offering: Bulls from one to fifteen months old. The growing kind that will give good service. One from a son of Evergreen March, and all from Record of Merit dams. Write for particulars.

Bell Telephone.

G. W. CLEMONS, St. George, Ont.

## QUESTIONS AND ANSWERS. Miscellaneous.

### BREEDING MARE—POTATOES.

1. I have a fine Clydesdale mare rising two years old. At what age would you advise starting to breed to make the best brood mare?

2. What is the best kind of potatoes for early use?

Ans.—1. This depends on size. If she is a large, growthy mare, commence breeding at two years; if small and undeveloped, defer breeding until three or four years of age.

2. Early Eureka, Early Puritan, and Early Fortune, are good.

### THIN-SHELLED EGGS—SORE TEATS—UNTHRIFTY MARE.

1. Would you be kind enough to tell me what will prevent tender-shell eggs? The hens are supplied with plenty of oyster shell, mica, grit, cabbage, lime, sand, charcoal, and Epsom salts in drinking water. I don't mean soft-shell eggs, but very thin, tender shell. There are three or four broken ones in nest at one time, and we gather often during the day. I feed wheat, oats and barley for breakfast; hot bran mash and boiled barley at noon; corn at night. Have plenty fresh cold water daily, and dish scalded out.

2. We have a cow that has white blisters on her teats and then turn to sores. What is good for them?

3. I have a nice Hackney mare rising four years old. Am feeding her fairly well. Seems very gaunt and thin. Eats large quantity salt. Has no life or ambition. Please state the best thing to give her.

Ans.—1. With sufficient of these foods available, and if the hens get exercise and are not over fat, we are at a loss to know what causes the trouble. It is a fact, however, that some hens lay thinner-shelled eggs than others, even on the same feed.

2. Treat with vaseline, lard, or a healing ointment after each milking.

3. She may have worms. See answer to D. A. L. in this issue. Feed well on oats and good hay. A little bran might improve her ration. A tonic of a tablespoonful of the following three times per day might be beneficial: Equal parts of sulphate of iron, gentian, ginger, and nux vomica.

### PRUNING CURRANTS, GOOSE-BERRIES AND QUINCE—SOWING MILLET.

1. How should currants and gooseberries be pruned? Should the tips be shortened?

2. How should the quince be pruned?

3. How late can Japanese millet be sown, and will it make good hay?

J. A. T.

Ans.—1. In the spring, before the leaves are out, is a good time to prune these bushes. No very definite rule can be given for pruning currants grown in bush form, because the kind and amount of pruning is, in each case, determined by the condition and individual habits of growth of the bush to be pruned. Bushes require very little pruning the first two or three years, except to head back the new shoots so that the fruit spurs will develop all along the cane. If this is not done, the fruiting branches and fruit spurs will be found mostly near the top of the cane. All drooping and broken branches should be removed. The new wood is that which produces the finest fruit, consequently it is necessary to cut out the old wood each year. It is seldom advisable to leave the wood over three years old. Leave only the strongest, healthiest shoots, and keep them renewed every year. From five to eight shoots make a nice currant bush. Gooseberries bear best on two- and three-year-old wood. Leave only vigorous canes. If growing spindly, nip off the ends, or cut back to induce branching.

2. Little pruning is necessary. Remove diseased and superfluous branches. Heading-in strong-growing shoots each year during late winter or early spring, is sometimes practiced.

3. About June 1st has been found by experiment to be the best date. Of course, it can be sown later than this. Sowing the middle of June and first of July sometimes gives good results. It makes rather coarse hay.