



## Prepare Your Stock for the Dry-Feed Period

It won't be long before your stock will be going on dry feed, and I'd advise you to get them in first-class condition for that time. Start right now and give them a tonic.

I know of nothing to equal Dr. Hess Stock Tonic for putting stock in good shape—strong, healthy and well able to stand the ravages of disease.

## DR. HESS STOCK TONIC

### A Conditioner and Worm Expeller

This preparation is the result of my lifetime experience as a doctor of veterinary science and doctor of medicine. It contains tonics for toning up the system and enriching the blood, laxatives for regulating the bowels and vermifuges for expelling worms. As a worm expeller, I say emphatically that this preparation has positively no equal, and I'll back this statement up with the strongest guarantee you ever read. Here it is:

**So sure am I that Dr. Hess Stock Tonic will keep your stock healthy and expel worms that I have authorized my dealer in your town to supply you with enough tonic for all your stock and, if it does not do all I claim, just return the empty packages and get your money back.**

25-lb. pail \$2.25; 100-lb. sack \$7.00. Smaller packages in proportion (duty paid). Never sold by peddlers, but only by reputable dealers whom you know. I save you peddler's wagon, team and traveling expenses, as the above prices prove.

**GILBERT HESS**  
Doctor of  
Veterinary Science  
Doctor of Medicine

### Dr. Hess Poultry Pan-a-ce-a

A splendid poultry tonic that shortens the moulting period. It gives the moulting hen vitality to force out the old quills, grow new feathers and get back on the job laying eggs all winter. It tones up the dormant egg organs and makes hens lay. Also helps chicks grow. Economical to use—a penny's worth is enough for 30 fowl per day. 1½ lbs. 35c; 5 lbs. 85c; 25-lb. pail \$3.50 (duty paid). Guaranteed.

### Dr. Hess Instant Louse Killer

Kills lice on poultry and all farm stock. Dust the hens and chicks with it, sprinkle it on the roosts, in the cracks and dust bath. Also destroys bugs on cucumber, squash and melon vines, cabbage worms, slugs on rose bushes, etc. Comes in handy sifting-top cans, 1 lb. 35c; 3 lbs. 85c (duty paid). 1 guarantee it.

Send for my free book that tells all about Dr. Hess Stock Tonic.

**DR. HESS & CLARK** Ashland, Ohio

## FAIRVIEW FARMS

Can furnish you a splendid young bull ready for immediate service, and sired by such bulls as PONTIAC KORNDYKE, the greatest producing sire of the breed, and also the sire of the greatest producing young sires of the breed; one of his sons already has six daughters with records above 30 pounds, RAG APPLE KORNDYKE 8TH, now heading our herd, and a few by a good son of PONTIAC KORNDYKE, and out of officially tested cows. Come and look them, and the greatest herd of Holsteins you ever saw, over, or write just what you want.

**E. H. DOLLAR, Heuvelton, New York** (Near Prescott, Ont.)

## Riverside Holsteins

Herd headed by KING JOHANNA PONTIAC KORNDYKE, a grandson of PONTIAC KORNDYKE, and a brother of PONTIAC LADY KORNDYKE, 38.02 lbs. butter in 7 days, 156.92 lbs. in 30 days—World's records when made.

**J. W. Richardson : R.R. No. 2 : Caledonia, Ont.**

## LAKEVIEW HOLSTEINS

Senior Herd bull—Count Hengerveld Fayne De Kol, a son of Pietertje Hengerveld's Count De Kol and Grace Fayne 2nd. Junior herd bull—Dutchland Colantha Sir Mona, a son of Colantha Johanna Lad and Mona Pauline De Kol. Third bull—King Canary Segis, whose sire is a son of King Segis Pontiac, and whose dam is 27-lb. three-year-old daughter of a 30-lb. cow. Write for further information to

**E. F. OSLER, BRONTE, ONT.**

**Holstein Cattle** (Prince Hengerveld of the Pontiacs, herd sire). Stock for sale. Large herd to select from.

**HAMILTON FARMS ST. CATHARINES, ONT.**

### SUNNY HILL HOLSTEINS

Herd sires, Pontiac Segis Avondale, grandson of King of the Pontiacs; 8 of his mature dams average over 30 lbs. butter in seven days. Pontiac Wayne Korndyke whose dam, sire's dam and ten sisters of sire average over 31 lbs. in seven days. Bull calves for sale.

**WM. A. RIFE HESPEL, ONT.**

## When Writing Mention The Advocate

of at least an inch around each, and from twenty-four to seventy-two hours will be required for chilling, depending upon the size of the room and the number of boxes.

The condensation of moisture on the shell of an egg, due to its passage from a lower to a higher temperature, is quite as disastrous to its good keeping as it is to that of dressed poultry. Hence, until the egg reaches the cold-storage warehouse it is advisable to maintain a temperature of 40 degrees F. (4 degrees C.), since this is more readily approximated in refrigerator cars, commission houses, refrigerators, etc., than is a lower temperature.

Large egg dealers are now providing, not only chill rooms for short holdings, but a room as near 40 degrees F. (4 degrees C.) as possible for the candling and sorting of the eggs. The more progressive men at the receiving points are transferring eggs from the freight stations to their establishments with all the expedition and care that is given dressed poultry, especially during the latter part of the season of excess production, when prices are suitable for storage, but quality is apt to be low because of warm weather.

The problem of getting eggs to the consumer in the hot season in good condition is a proposition which can not be solved by refrigeration alone, yet it is one in which refrigeration plays a part second only to the education of the farmer and that of the country storekeeper in determining the quality of eggs. Every packer who installs refrigeration becomes a center of improvement in his community, since he urges better handling prior to his receipt of the eggs, knowing that his chilling system will take care of them afterwards until they reach the market. Such tendencies are already launched in the egg industry. Within the next few years it is probable that rapid advances will be made in the conservation of this most important food, not only in greater production, but, what amounts to the same thing, the saving and making available in a wholesome condition of a large proportion of what is at present one of the most extravagant wastes of a people who have never had to be very careful of their food supply.

It has already been stated that, while refrigeration in the broad sense has but recently played a widespread part in the marketing of eggs, it has been used far more generally for the preservation of eggs until the season of shortage. The early spring eggs, after danger from frosting is over, are considered most desirable for long storage. Whether this is due to an inherent condition of the egg, referable to the physical state of the hen, or to weather conditions which are favorable to egg preservation at that season, scientific research will have to decide. The fact remains that the desirable storage stocks are those which are put early into the egg-storage rooms, and it is these which can be held longest.

According to trade practices, eggs are graded during the early part of the laying period by size and cleanliness, packed into a rather heavier filler than is used for current consumption, and stored in odorless wood boxes, thirty dozen to a box, at temperatures ranging from 28 to 32 degrees F. (—2 to 0 degrees C.), depending upon the locality and the preference of the owner. Later in the season grading is dependent upon the appearance of the egg before the candle, evidences of incubation excluding it from storage. It is at this period, when the quality is going down and the storage space is still unfilled, that great care must be exercised in selecting eggs for long keeping. At best, it is the custom to remove the later eggs from storage when the first demand in the autumn arises, and in spite of careful storage conditions, deterioration will be found to have made more headway in them than in the earlier lots. Hence, very careful candling must precede their entrance to the market.

The questions of temperature and humidity and cleanliness are of great importance in the successful cold storage of eggs. The temperature must not permit freezing of even the most superficial kind, yet the colder the eggs can be kept without congelation the better. Fresh eggs, which are thick bodied, as laid by well-fed hens, can be held advantageously at 28 degrees F. (—2 degrees C.); on the other hand, thin eggs, or those which

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## Holstein-Friesian Association of Canada

Application for registry, transfer and membership as well as requests for blank forms and all information regarding the farmer's most profitable cow, should be sent to the Secretary of the Association.

**W. A. CLEMONS, St. George, Ontario**

## Woodbine Holsteins

Young bulls and bull calves, sired by Duke Beauty Pietertje; sire's dam's record 32.52 lbs. butter, and his two granddams are each 30-lb. cows, with 30-lb. daughter, with 30-lb. granddaughter. Three generations of 30-lb. cows. If you want a bull that will prove his value as a sire, write:

**A. KENNEDY & SON, R.R. No. 2, Paris, Ont.**  
Stations: Ayr, C.P.R.; Paris, G.T.R.

## 3 Holstein Bulls

Ready for service, and 5 younger; 40 females, R. O. M. and R. O. P. cows and their calves to choose from. Four ponies and 2 two-year-old Clydesdale stallions.

**R. M. HOLTBY,**  
Phone. R. R. No. 4, PORT PERRY, ONT.  
Manchester and Myrtle Stations.

## Maple Grove Holsteins

Do you know that Tidy Abbe Kirk is the only cow in the world that produced three sons who have each sired 30-lb. butter cows, and two daughters with records greater than her own. She was bred, reared and developed at Maple Grove. Do you want that blood to strengthen the transmitting power of your herd, at live and let live prices, then write:

**H. BOLLERT**  
TAVISTOCK, ONT. R.R. NO. 1.

## The Maple Holstein Herd

Headed by Prince Aaggie Mechthilde. Present offering: Bull calves born after Sept. 1st. 1913. All sired by Prince Aaggie Mechthilde and from Record of Merit dams. Prices reasonable.

**WALBURN RIVERS**  
R. R. No. 5 : : Ingersoll, Ont.

**Ridgedale Holsteins For Sale**—Only 1 young bull, smooth and straight, richly bred, closely related to our champion cow. Also our aged stock bull, Imperial Pauline De Kol, No. 8346, very sure and quiet. Myrtle Sta., C.P.R.; Manchester Sta., G.T.R. R. W. Walker & Sons, R.R. No. 4, Pt. Perry, Ont.

## Holsteins, Yorkshires and Cotswolds

Minster Farm offers a pair of choice ram lambs of best breeding; also R. O. P. Holsteins and Yorkshires of both sexes. For full particulars write: Richard Honey & Sons, Brickley, Ontario