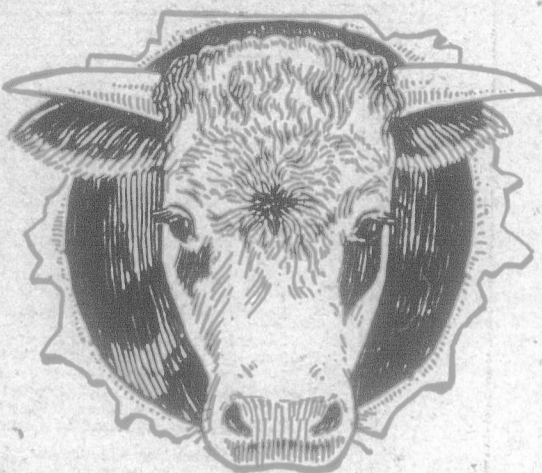


GET  
**BIGGER PROFITS**

ARE you satisfied with your Dairy profits? Perhaps your feeds are not properly balanced. It is proper feeding that earns big profits. Your



BY  
**PROPER FEEDING**

stock feeds need to be properly balanced so that your cows derive a maximum of nutriment. Remember, well-nourished cows give the biggest and best milk yield.

# CALDWELL'S DAIRY MEAL

**KEEPS** your herds in top-notch condition. The change from inferior rations to Caldwell's soon shows an improvement in the quantity of milk.

**ALL** the ingredients are guaranteed to the Government. As milk producers and conditioners these feeds are unexcelled.

**IF** your dealer does not handle these feeds, write us direct.

**THE CALDWELL FEED AND CEREAL CO. LIMITED**

Dundas - Ontario

MILLERS OF OVER 30 KINDS OF STOCK FEEDS

TRY Caldwell's Scratch Feed, Laying Meal and Chick Feed for Poultry. Also Caldwell's Horse Feed, Chop Feeds, Dairy Meal, Hog Feed, etc.

**Questions and Answers.**  
Miscellaneous.

**Horse Killed on Railway.**

Horses get over disputed boundary fence and get on to public road through open gap of neighbors. They wander on to railroad tracks and one is killed. Can neighbor be held responsible because of open gap? J. G. C.

Ans.—No.

**Leaky Teat.**

I have a cow with a hole in the side of her teat through which the milk oozes when she is milked. What is a remedy? H. H.

Ans.—It is doubtful if anything can be done to relieve the trouble while the cow is in milk. When she is dry a veterinarian might be able to operate on the teat and close up the opening.

**Concrete Watering Trough.**

I built a cement watering trough inside a stone wall, in the horse stable, where there has been no frost. The trough is 8 feet long, 2 feet wide and 2 feet 9 inches high, with the wall 4 inches thick. It was mixed in the proportion of one to six. It has stood for five days but does not seem to harden properly. Would the season of the year have any effect on cement hardening? Has enough cement been used? E. H.

Ans.—Cement does not harden in cold weather as well as in hot, dry weather. If the frost is kept out, it is possible that it will harden in time, but frost will be detrimental to freshly mixed cement. One to six should make a strong enough wall, although for a water trough where the wall is only 4 inches thick it might have been better to have made it a little stronger.

**Wall for Implement Shed.**

I purpose erecting an implement shed. Would advise mixing small stone with gravel and cement. In what proportion would you mix the cement and gravel? Would a foundation 10 inches in the ground, 9 inches above ground and 10 inches thick be satisfactory? The building to be 60 by 24 feet and 10 feet high. J. E.

Ans.—For a 10-inch wall the stones would have to be pretty small, as they should not come within 3 inches of the outside. If small stone are handy they can be used to advantage where the wall is thick enough. As to the depth to put the foundation, it will depend upon the nature of the soil. If it is firm, 10 inches would be deep enough, but if at all soft or boggy it would be necessary to put the foundation down to a firm footing. A concrete wall 10 inches thick should be satisfactory to support the frame of the building mentioned. Mixing in the proportion of one part cement to seven or eight of gravel has proven to be strong enough.

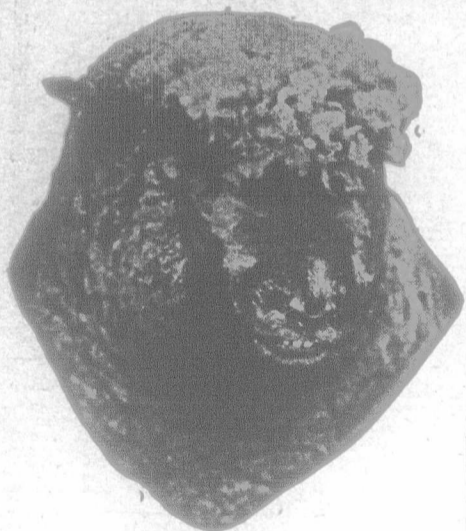
**Canker in Poultry.**

Have had some trouble with my hens. Several have died and some more of them are affected with some disease which I have been told may be gapes. They do not seem very sick but go around all drawn up and seem to be gasping for breath and their flesh to look as if under the feathers is dark in color, almost purple. Have isolated the affected ones. Could you please tell me what it is? What causes it and the remedy? M. S.

Ans.—I would judge from your correspondent's description that the birds are affected with what is known to the poultrymen as "canker". This is a highly contagious disease and is very difficult to treat owing to the fact that the growth frequently comes in the windpipe or in the mouth and as it enlarges it is apt to smother the bird, consequently the treatment is difficult. You have done right in isolating the birds and the well birds should be given a dose of salts. The following treatment is recommended by Dr. Pearl:

"A good treatment for canker is undiluted creolin applied with a cotton swab. The swab should be held against each sore for a short time. The whole surface of each patch should be treated. Another good treatment is to wash sores with hydrogen peroxide 1 part water 1 part." W. R. and

**Summer Hill Oxfords Kent or Romney Marsh Sheep**



The Sheep for the Producer, Butcher and Consumer. Our Oxfords Hold an Unbeaten Record for America.

We have at present a choice offering of yearling ewes and rams, as well as a lot of good ram and ewe lambs—the choicest selection of flock-heads and breeding stock we have ever offered.

**PETER ARKELL, & SONS**  
R. R. No. 1 Teeswater, Ontario  
H. C. Arkell W. J. Arkell F. S. Arkell

**Shear the Modern Way**

You wouldn't allow 15% of any crop to go unharvested. So why stick to old-time methods of sheep and goat shearing? Shear with a Stewart Machine. Hand operated models for small flocks and engine operated machines for larger ones. If your dealer can't supply you, send us his name. Write for catalogue No. 66.

**CHICAGO FLEXIBLE SHAFT COMPANY**  
Dept. 161, 12th St. and Central Ave., Chicago, Ill.

**Shropshires**

Yearling rams and ewes. A few nice ram lambs by imported ram.  
W. H. PUGH, R. R. 1, Myrtle, Ont.

**Shropshires and Cotswolds**—A lot of young ewes in lamb to imp. ram, and ewe lambs, good size and quality, at reasonable prices.  
**JOHN MILLER, Claremont, Ont.**

**CHOICE DORSET YEARLING**

and two shear ewes heavy in lamb, also a quantity of ewe lambs for sale at a reasonable price. **STUART J. ROBERTSON, Horaby, Ontario.** (Formerly of J. Robertson and Sons).

**TAMWORTHS**  
Boars ready for service—a choice lot to select from; also young sows bred for spring farrow. Write: **John W. Todd, R.R. No. 1, Corinth, Ont.**

**Imported Shropshire Ewes**

Imported Shropshire ewes bred to lamb in March and April. Write for price—**Will A. Dryden, Brooklin, Ont.**

**Newcastle** Herd of Tamworths and Short-horns—Choice lot of boars and sows, three months old. Several young sows bred to farrow in January, February and March. Also a grand breeding sow carrying her third litter. All descendants of Colwill's Choice, three-year champion at Toronto Industrial, and Imp. Cholderton Golden Secret, and bred to Bruison, No. 11975, bred by Sir Rodolph Forget. Several Shorthorn bulls ready for service, calves at foot and bred again. Also a few young heifers. **A. A. Colwill, R.R. No. 2, Newcastle.** Long-distance phone.

**Maplehurst** Herd of Tamworth Swine; present offering, a choice lot of young stock, either sex, from the leading herd of Canada for the last fifteen years. We also have standard bred horses; present offering, one first-class young stallion, also a few pekin ducks and S. C. White Leghorns. **D. Douglas & Sons, R.R. No. 4, Mitchell, Ont.**

**Big Type Chester Whites**—Three importations in 1918. 25 bred sows and gilts for sale, some imported, others by imported sires. All bred to imported boars. **JOHN G. ANNESSER, Tilbury, Ont.**

**BERKSHIRES**

My Berkshires for many years have won the leading prizes at Toronto, London, and Guelph. Highcleres and Sallys, the best strain of the breed, both sexes, any age. **ADAM THOMPSON, R. R. No. 1, Stratford, Ont.**  
Shakespeare Station G.T.R.

**Berkshire Pigs**

Large size, choicely-bred sows in pig; boars and gilts. Can supply pairs not akin; also dual-purpose Shorthorn cattle. Young bulls for sale. send for our breeding list, **Credit Grange Farm, Meadowvale, Ont., - - J. B. PEARSON, Mgr.**

**Poland-China Swine AND SHEEP**

Registered Sept. pigs, either sex not akin. Registered Dorset Horn rams and ewes. 10 reg. Southdown-bred ewes. All stock priced for immediate sale.  
**CECIL STOBBS, Leamington, Ont.**

**INVERGIE TAMWORTHS**

A choice lot of young sows; boars ready for service. Sows carrying second litters. Young stuff all ages; pairs not akin. Express charges prepaid to your nearest station. **LESLIE HADDEN, Pefferlaw, Ont., R.R. No. 2**

**BERKSHIRE PIGS**

Boars ready for service, sows bred and ready to breed. Also some young things bred from winning stock. Prices reasonable. **JAMES CLARK & SONS, Puslinch, R.R. No. 1, Ontario.**

**ELMHURST LARGE ENGLISH BERKSHIRES**

From our recent importation of sows, together with the stock boar, Suddon Torredor, we can supply select breeding stock all ages. Satisfaction and safe delivery guaranteed. **H. M. VANDERLIP, Breeder and Importer, R. R. 1, BRANTFORD, ONTARIO.** Langford Station on Brantford and Hamilton Radial.

**Meadow Brook Yorkshires**

Sows bred, others ready to breed. Six large litters ready to wean, also a good yearling boar. All choicely bred and excellent type. **G. W. MINERS, R. R. No. 3, EXETER, ONT.**

**Springbank Chester White Swine, Scotch**

Shorthorns—Both sexes; priced to sell, including one Chester herd sire, Sunny Mike—15917—Satisfaction guaranteed. Inspection invited. **WM. STEVENSON & SON, Science Hill.**