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**LOUDEN**  
Bird Proof  
Barn Door Hanger

and have the barn door hang and run right for all time. This is positively the finest Barn Door Hanger on the market. As its name implies birds cannot build in the track. The track is hollow with closed ends. No ice or snow in winter or trash in summer can possibly get in to clog it. Runs on two strongly braced trolley wheels always smooth and easy running. Hinged so as to make it flexible and to allow the door to swing outwards and upwards if occasion requires.

Ask for the Louden Line

—over 47 years of experience and practical experiments go to make Louden goods efficient and reliable. We make

"Everything for the Barn"

including Cow Stalls, Stanchions, Litter and Feed Carriers, Hay Forks and Slings.

Write for our new Catalogue.

**LOUDEN MACHINERY CO. OF CANADA, LTD.**  
Dept. 412 GUELPH, Ont. 4

Special Offer of  
**Tamworth**  
Breeding Stock

Several boars fit for service.  
Fifteen young sows in pig.  
Pedigree papers supplied  
when shipped.

Herold's Farms, Beamsville, Ontario  
(Niagara District.)

HEADQUARTERS FOR  
**COTTONSEED MEAL**  
BRANDS

"American Red Tag"; Protein 38 1/2%, Fat 6%.  
"Surety Brand"; Protein 36%, Fat 5.50%.  
"Creamo Cotton Seed Feed Meal"; Protein 20 to 26%, Fat 5%.  
Mills conveniently located in the south, in every cotton-growing state.  
Prices on application in car lots or less.  
Fred Smith, 32 and 34 Front St. W., Toronto.

**TAMWORTHS**

Young sows bred from April and May farrow, and a nice lot of young boars for sale. Write:  
John W. Todd R. R. No. 1, Corinth, Ont.

**AVONHURST YORKSHIRES AND COLLIES**  
Special Offering—Extra fine collie puppies, sable and white; pedigreed. Bred from imported stock that are splendid workers and fit to win in fast company. \$15 each, either sex.  
B. Armstrong & Son, Codrington, Ont.

**Meadow Brook Yorkshires**

I am offering some good litters ready to wean, May 1st. All bred from prize-winning stock. Prices reasonable.  
G. W. Miners, R.R.3, Exeter, Ont., Huron Co.

**YORKSHIRES** Sows 170 lbs. and under, not yet bred. Boars 2 and 3 months, 60 to choose from. Bred from prize-winning stock, Eldon Duke still at the head. Tell us your wants.  
Wm. Manning & Sons, Woodville, Ontario.

**Cloverdale Berkshires and Shropshires**—In Berkshires I can furnish boars or sows, all ages, pairs not akin. All breeding stock imp. or from imp. stock. In Shropshires can furnish rams or ewes, any age, from imp. stock. Prices reasonable.  
C. J. LANG, R. R. No. 3, Burketon, Ont.

**Berkshire Pigs** Registered stock, choicely bred young boars, and sows in pig, all ages. Can supply pairs not akin.  
CREDIT GRANGE FARM  
J. B. PEARSON, Mgr., Meadowvale, Ontario.

**Champion Berkshires**—When buying, buy the best; our present offering are sons and daughters of the two great champions, Lucky Lad and Baron Compton, and out of winners, including champions. Both sexes.  
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**Springbank Chester Whites and Yorkshires** Ancestors bred from prizewinners and champions. Young sows bred for June farrow, both sexes, four months old and younger. In Yorkshires we have both sexes ready to wean.  
Wm. Stevenson & Son, R.R. 1, Science Hill, Ont.

**Questions and Answers.**  
Miscellaneous.

**Testing Cream.**

Two farmers desire to send cream to a creamery but neither has sufficient cream to ship separately. Would it be possible for them to invest in a Babcock tester and each test his cream before mixing it? Would they get the same percentage fat as would be gotten at the creamery? Does operating a tester require much skill, or does it take long to make a test?  
L. J. T.

Ans.—There are a few simple rules which must be followed in order to get an accurate test with a Babcock tester. Anyone can learn to do the work, and a test can be made in about fifteen minutes. Theoretically, the average of the two tests should be the same as that secured at the creamery. However, it might not always work out in practice and there might be a point or two variation. If each farmer carefully weighed and tested his cream, there should be little difficulty in dividing the proceeds.

**Tuberculosis in the Flock.**

A number of my hens are dying. On opening one I found the liver considerably swollen and there were spots under the skin. The head was dark blue color. What was the disease and what treatment do you advise?  
J. G.

Ans.—The swollen liver and the spots indicate that the birds suffered from tuberculosis. Other symptoms which frequently accompany this disease are lameness, and going light in weight. Tuberculosis is a disease for which there is no cure. The birds may have the disease and linger on for some time but seldom are infected birds profitable, and they are certainly a menace to the remainder of the flock. Birds which show pronounced symptoms should be killed and their bodies burned or buried deeply. Give the pens, yards and all poultry-house furnishings a thorough cleaning, then spray with a good disinfectant. If the entire flock appear unhealthy it is advisable to destroy them and start with new birds. However, it may be that only a portion of the flock is diseased and such drastic measures would not have to be resorted to.

**Sweeny—Quarter Crack.**

I desire advice regarding a crack on a horse which I have been trying to heal. I secured several bottles of liniment but they gave no results. He is rising six years old, and I would like to get this healed so that I can sell him to better advantage. The other day I was advised to put in some dry lime, so I am trying that, and also putting salts in his feed.

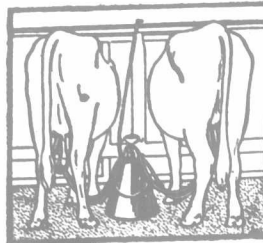
2. Is there anything that will help a sweeny of long standing? I blistered it twice and have been working him lightly of late. The shoulder has not filled out but he does not go lame.

3. Is there anything to stop the growth on the inside of the hind leg of a horse?  
T. S.

Ans.—1. It is not stated what part of the anatomy is affected by this crack. However, we presume it to be a sand crack or quarter crack. Both of these are a cracking of the hoof, due to a drying condition of the horn which renders the structure brittle and thus liable to crack. Lameness is caused by the pinching of the sensitive laminae by the crack as it opens and closes when the foot is in action. If dirt or foreign material has gotten into the crack it must be cleaned out and an endeavor made to bring the edges of the crack together and to encourage the growth of the hoof. A blister made of 2 drams each of biniodide of mercury and cantharides mixed with 2 ounces of lard or vaseline should be rubbed around the top of the hoof. Rub well with the blister once daily for two days, then apply sweet oil and turn loose in a box stall. Oil every day until the scale comes off, then blister again. Special shoeing is sometimes necessary and hoof ointment may be applied to soften up the hoof.

2. It is doubtful if anything can be done to fill out the shoulder where the falling away was caused by sweeny some time ago. Blistering might be continued with good results, and frequent brisk rubbings will also encourage the growth of the muscles.

3. The growth spoken of is natural to horses, therefore it is not advisable to apply anything that would prevent or interfere with its development.



**"With your Milking Machine I can Produce Milk of Superior Quality"**

The writer of the letter below is known throughout his district as a keen and rather critical judge of dairying methods and equipment. They say he is a "crank" on quality! Certainly the John D. Duncan Co., of Montreal, are most particular about the purity of the milk they get for their patrons.

RIVERFIELD, QUE., Jan. 25, 1917

Gentlemen:—

I have noticed some of the testimonials you are publishing and thought I would let you know how I like the Empire Milking Machine and Empire Engine which I purchased from you in the month of April, 1916. It has given entire satisfaction. I have had considerable experience with engines for many years, and am consequently in position to appreciate the merits of the Empire, and recommend same as one of the most reliable for milking machine and general farm work.

With your Milking Machine I can produce milk of superior quality, according to the statement of the John D. Duncan Co., to whom I have been shipping. I find that the machine is in no way injurious to the cows or teats, and no other trouble has been experienced. The speed at which the machine can milk is regulated by the class of cows and the quickness of the operator.

J. R. MCKELL.

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produce milk of high quality, at the same time that they save time, reduce expense, increase profits, and make it possible to keep up and even increase the number of cows milked, in spite of the growing scarcity of help. They certainly are worth investigation.

Write for Booklets explaining the correct natural principle on which the Empire works, and giving the experience of prominent Dairymen who are using it. Address Dept. "C"

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Limited  
BRANCH STATIONS THROUGHOUT CANADA



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Having added to our flocks by purchasing, from J. C. Duncan, all the sheep of the Niagara Stock Farm, Lewiston, N.Y., we are able to offer an excellent selection of two-year-old and shearing rams and ram lambs; also a few show flocks of both breeds for the Summer and Fall Fairs. Address: Berkshire boars, all ages. Larkin Farm, Queenston, Ont. Twenty-minute trolley-ride from Niagara Falls.

**YORKSHIRES**

From choice stock on both sides. Several young litters. Also some young sows ready to be bred.

**WELDWOOD FARM,** Farmer's Advocate, London, - 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, Ont. Langford Station on Brantford and Hamilton Railway.

**Swine for Sale** Am offering choice stock in Poland-China and Chester White swine of either sex; most any age. First-prize Poland-China herd, London and Toronto, 1915. Prices easy.  
GEORGE G. GOULD, R.R. 4, Essex, Ont.

**MORRISTON Tamworths and Shorthorns.** bred from the prizewinning herds of England. Tamworths, both sexes, 20 young sows, bred to farrow in June and July. Young boars from 2 to 5 months old; Shorthorns of the best milking strain.  
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