

Sharples Tubular Separators

EVERY TUBULAR STARTS A FORTUNE

If you had a gold mine would you throw half the gold away? Properly managed dairies are surer than gold mines, yet many farmers throw half the gold away every day. The butter fat is the gold—worth twenty to thirty cents a pound. Gravity process skimmers—pans and cans—lose half the cream. Your dairy can't pay that way.

Like a Crowbar

Tubular Separators are regular crowbars—get right under the trouble—pry the mortgage off the farm. How? Gets all the cream—raises the quantity and quality of butter—starts a fortune for the owner. It's a modern separator. The picture shows.



Canadian Transfer Points: Winnipeg, Toronto, Quebec, St. John, N. B., Calgary, Alberta. Address.

THE SHARPLES CO. CHICAGO, ILL. P. H. SHARPLES WEST CHESTER, PA.

Good Bulls! Cheap Bulls!

One red, ten months old; one roan, thirty months old; well bred and good individuals I am quoting these at prices that will tempt you to buy. Write at once for description and prices. Grand crop of LAMBS from imported and home-bred ewes.

A. D. McGUGAN, Rodney, Ont.

W. G. PETTIT & SONS
FREEMAN, ONT.,
Importers and Breeders of

Scotch Shorthorns

110 head in the herd, 40 imported and 20 pure Scotch breeding cows. Present offering: 3 imported and 6 pure Scotch from imported sires and dam; 6 Scotch-topped from imported sires; also imported and home-bred cows and heifers of the most popular type and breeding. A few choice show animals will be offered.

Burlington Jct. Sta. Telegraph & Telephone

IMPORTED SHORTHORNS AND CLYDESDALES

15 imported Scotch Shorthorn heifers, all in calf or calves at foot; 2 imp. bulls; both in pedigree and individually these animals are gilt-edged. Four three year-old imported Clydesdale fillies, very large and A1 quality.

ALEX. ISAAC, o Cobourg P. O. and Station

First-class Shorthorns—Young cows and heifers of fashionable breeding. Also Shropshires of different ages. Write for prices, etc., to T. J. T. COLE, Bowmanville Stn., G. T. R. o Tyrone P. O.

High-class Shorthorns—Two bulls ready for service. Also young cows and heifers of different ages, of the Lavinia and Louisa families. For prices and particulars apply to BROWN BROS., Lakeview Farm, Onond P. O. Newcastle Station, G. T. R.

WILLIAM BANK STOCK FARM

Established 1855.

SHORTHORNS AND LEICESTERS

A grand lot of young stock for sale, rich in the blood of Scotch Booth and Bates families. Rosicrucian of Dalmeny 45220 (imp.) at head of herd. We breed the best to the best Leicester sheep of rare breeding and quality. Address:

JAS. DOUGLASS, Proprietor, P. O. and station, Caledonia, Ont.

SCOTCH SHORTHORNS

Twelve blocky, sappy young bulls, 10 to 14 months old, reds and roans, sired by the Princess Royal bull, Imp. Prince of the Forest = 40409=, and out of high-class Scotch and Scotch-topped cows. Also ten thick-fleshed heifers, in calf to Imp. Prince of the Forest, placed at head of herd at cost of \$650. Come and see, or write for prices.

J. & E. CHINNICK, Chatham, Ont.

CHAS. RANKIN, WYEBRIDGE, ONT.

IMPORTER AND BREEDER OF

SHORTHORN CATTLE and OXFORD DOWN SHEEP.

Herd headed by Pride of Scotland (imp.).
FOR SALE—Females and bulls of all ages, from noted Scotch families.

QUESTIONS AND ANSWERS. Veterinary.

WOUND REFUSES TO HEAL.

Horse got cut between fetlock and foot. The wound will not heal, and the leg swells.

Ans.—Apply a little butter of antimony to the wound with a feather once daily for three days. Follow up, by applying three times daily, one part carbolic acid to twenty parts sweet oil. The swelling will disappear as soon as irritation ceases.

BRONCHOCLE.

Two calves have thick necks. The enlargements are in the throat, just behind the jaws, and are getting thicker.

Ans.—This is enlargement of the thyroid glands. Rub them well once every day with compound iodine ointment. If this does not effect a cure, get your veterinarian to inject into them a solution of iodine.

APOPLEXY.

Pigs wheeze when eating, turn purple at the nose, fall over and die. There appears to be a spongy growth at the lower end of throat.

Ans.—These pigs die from cerebral apoplexy, caused by too high feeding and too little exercise. The growths you speak of are the thymus glands. It is probable you will have no further trouble now that the weather is fine and you can let them out on the grass every day. It would be good practice to purge them with Epsom salts; feed lightly, and allow exercise. If any are attacked, pour cold water on their heads, and cut the tail off, to allow some blood to escape.

LUMP ON HOCK—QUIDS HER FOOD.

1. Horse has hard lump on outside of his hock, caused by rubbing against the tongue.

2. Aged cow masticates well, but does not swallow. Food drops out of mouth, and she slavers a great deal.

Ans.—1. Take two drams each biniodide of mercury and cantharides, and mix with two ozs. vaseline. Blister the parts as follows: Clip the hair off; rub blister well in; tie so he cannot bite the part; in twenty-four hours rub well again, and in twenty-four hours longer wash off, and apply sweet oil; let his head down, and oil every day. As soon as the scale comes off blister again, and repeat once every month. It usually takes a long time to reduce enlargements of this kind, and, of course, the cause must be removed.

2. This is due to disease of mouth or tongue, irregularities of the teeth, or paralysis of the muscles of deglutition. If you are sure the teeth, mouth and tongue are all right, blister her throat the same as the horse's hock, and give her two drams nux vomica in a little cold water as a drench twice daily.

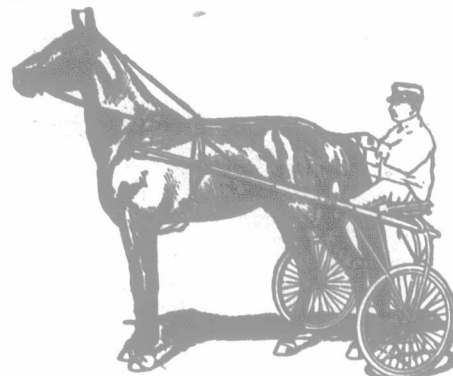
OBSTRUCTION OF THE PYLORUS.

Calves two to four months old, that suckle their dams, which are fed on oat sheaf, wheat, oat and spelt straw, with oat and spelt chop, are dying. They slaver, grind their teeth, lick mouth and nose, fall down and bellow; eyes roll upwards and inwards, get up, and are dull, etc. Some die in an hour, and others live for two weeks. I opened one and found lungs dark and bloody. In the stomach were balls of chewed oat sheaf, with strings or cords in them; a couple of balls of hair, one the size of a hen's egg.

Ans.—The calf upon which you held a post-mortem, died from obstruction of the passage from the stomach to the intestine (this opening is called the pylorus) with one of the hair balls mentioned, and the symptoms given indicate this to be the trouble with all. When the ball gains the opening, it stops all passage from the stomach, and causes the symptoms noted. If the obstruction remains, then death takes place quickly; but if it changes its position, as it is liable to do during the struggling of the calf, the symptoms are relieved for a time. An animal may live for weeks or even months under these conditions. Nothing can be done to cure. The balls are caused by the calves eating undigestible food, as twine, overripe hay, etc., and by licking their dams and swallowing the hair. Clipping the cows, and being careful that they get nothing to eat but food of good quality, will save those not already affected.

Dan Patch 1.56 1/4

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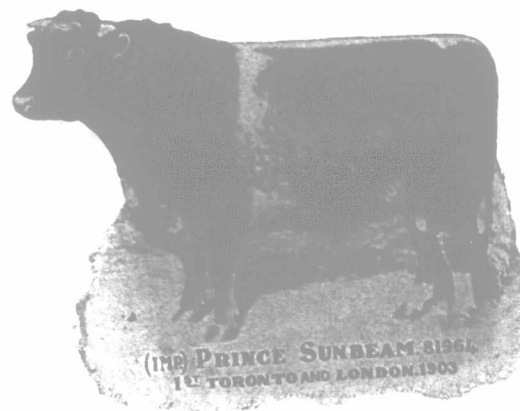
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SPECIAL OFFERING:

Two imp. bulls with superior breeding and individual merit. Also a few imported Scotch heifers and home-bred bulls and heifers. Send for Catalogue.

JAMES SMITH, W. D. FLATT,
om Manager. Hamilton, Ont.

Shorthorns and Clydesdales.

We are now offering an extra good lot of young bulls, home-bred and imported; also stallions, and a few young mares which are in foal.

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Claremont Sta., C.P.R. om Brougham P.O.

SHORTHORNS

Some extra good young bulls for sale. Catalogue.

JOHN CLANCY, Manager.

H. CARGILL & SON,
OARGILL, ONTARIO.

PINE GROVE STOCK FARM.

Breeders of high-class Cruickshank, Marr and Campbell Shorthorns, and superior Shropshire sheep. Herd headed by imported "Marquis of Zenda," bred by Marr, assisted by imported "Village Champion," bred by Duthie; also "Missie Champion," son of "Missie 153rd," and "Clipper King," a superior young bull, full of the blood of the Cruickshank Clipper family. One imported and four superior young home-bred bulls, ready for service, fit for herd headers, for sale. On June 28th next, we sell at public auction, in conjunction with other Canadian breeders, at the Sale Pavilion, Hamilton, Ont., fifteen of our imported and home-bred cows and heifers. W. C. EDWARDS & CO., Limited, Proprietors; Joseph W. Barnett, Manager; Rockland, Ontario, Canada.

Hawthorn Herd OF DEEP-MILKING SHORTHORNS.

FOR SALE: Five young bulls, also a few females, by Scotch sires. Good ones.

Wm. Grainger & Son, Londesboro, Ont.

HILLHURST FARM

(ESTABLISHED FORTY YEARS.)

SHORTHORN herd numbers 30, with Imp. Grand Scotch (Sittytown Butterfly) in service. Some choice young bulls and heifers for sale, by Joy of Morning, Scottish Beau, and Lord Mountstephen, from imported and Canadian-bred dams of HAMPSHIRE flock 80 ewes; milk strains.

Jas. A. Cochrane
HILLHURST P. O., o COMPTON CO., P. Q.



High-class Shorthorn Bulls For Sale

3 imported bulls.
4 bulls from imp. cows and by imp. bulls.
The others from Scotch cows and by imp. bulls.
21 Scotch cows and heifers, including 9 imp. animals.

ARTHUR JOHNSTON, Greenwood, Ontario.

Sunnyside Stock Farm. JAMES GIBB, Brookside, Ontario.

Breeder of high-class SHORTHORN CATTLE (imp.) "Brave Ythan" at head of herd. Stock for sale.

Spring Grove Stock Farm

Shorthorn Cattle and Lincoln Sheep.

HERD prize and sweepstake at Toronto Industrial Exhibition, three years in succession. Herd headed by the Bruce Mayflower bull, Prince Sunbeam, imp. Present crop of calves sired by Imp. Wanderer's Last, sold for \$2,000. High-class Shorthorns of all ages for sale. Also prize-winning Lincoln. Apply

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