

The Understudy of the Sun
is an efficient and economical heating apparatus that soon saves enough to pay for its initial cost.

McClary's "Sunshine" Furnace
308

1854 Maple Lodge Stock Farm 1912

Have some **SHORTHORN HEIFERS** two years old from cows giving 50 pounds milk per day, and in calf to my stock bull, Senator Lavender.

Grand young **LEICESTERS** from imp. Wooler of Sandy Knowe, champion at Toronto, and imp. Royal Connaught.

A. W. SMITH, MAPLE LODGE, ONTARIO
Lucas Crossing, G. T. Ry., one mile.

SPRING VALLEY SHORTHORNS

Herd headed by the two imported bulls, Newton Ringleader, =73783=, and Scottish Pride, =36106=. The females are of the best Scottish families. Young stock of both sexes for sale at reasonable prices. Telephone connection.

KYLE BROS. - - - - - Ayr, Ontario

Shorthorns, Berkshires, Cotswolds

Nine bulls from 9 to 11 months, cows, heifers and heifer calves; over 50 head on hand. No Berkshires to offer at present. A few shearing ewes for sale.

Chas. E. Bonmycastle,

P. O. AND STA., CAMPBELLFORD, ONT.

GEDARDALE SHORTHORNS—Shorthorns of all ages, pure Scotch and Scotch topped, imp. and Canadian-bred, choice heifers, choice young bulls, also the stock bull Lord Fyvie (Imp.); anything for sale.

Dr. T. S. Sproule, M. P., Markdale, Ontario

Shorthorns of Show Calibre

At present one nice red bull 12 months old (of the Bellona family) for sale at low price. Heifers of breeding age all sold.

Geo. Gier & Son, Grand Valley, Ont.

SHORTHORNS & CLYDESDALES

Write us for what you require.
W. G. PETTIT & SONS, Freeman, Ont.
Burlington Junction, G. T. R.

Clover Dell Shorthorns

Real bargains in females. Dual-purpose a specialty. **L. A. Wakely, Sefton, Ont.** Bolton Sta., C. P. R.; Caledon East, G. T. R. Phone.

Shorthorns—Nine bulls and a number of heifers for sale at very reasonable prices.

Robert Nichol & Sons, Hagersville Ont

Some people live entirely for themselves and some live on others.

A girl of 16 can generally cure her broken heart with an indigestion tablet. Many a girl thinks she's a world-beater when she can't even beat an egg.

Conscience keeps almost as many men straight as does the fear of being found out.

CLEAN HANDS



15c a Tin.

Don't let them fool you with a cheap imitation. SNAP is the ORIGINAL and BEST HAND CLEANER. Will remove grease and stains of all kinds.

QUESTIONS AND ANSWERS. Miscellaneous.

MEASURING CREAM FOR BABCOCK.

We are sending our cream to a butter factory this year for the first, and are not quite satisfied with the way our cream tested, nor with the amount we got for what we sent in the month of June. We know nothing about the Babcock way of testing. Would you kindly tell how to figure your cream? Here are the figures: Inches, 87½; average per cent., 20; lbs. butter-fat, 71½.

D. V.

Ans.—At a few creameries in the Northern District of Western Ontario the oil-test system of measuring the cream by the inch instead of weighing is still followed. It has been found that an inch of average cream in a 12-inch pail will weigh 4.1 lbs. As the party in question had 87½ inches, if this is multiplied by 4.1 it would equal 358.75 lbs. of cream, this multiplied by the test of 20 per cent. gives 71.75 lbs. of fat. The creamery calculation is, therefore, correct.

F. H.

ONIONS FROM SEED.

1. When is the proper time to sow onion seed to raise onion sets?
2. What variety of seed should be sown to produce sets that will produce large onions the next year?
3. Will any variety of seed, sown for sets in the fall, produce the same onion the next year as the seed would if sown in the spring?

J. R. A.

Ans.—1. As early in the spring as the land will work well.
2. Yellow Danvers, Giant Prizetaker, and Red Wethersfield, are good.
3. Onion seed should not be sown in the fall unless it be on very light soil, which retains no moisture during the winter. Sow it in the spring. If sown early, and properly thinned and cultivated, good-sized, marketable onions may be produced the first year from the seed. If it is desired to produce sets, leave the onions thick in the bed, and when of proper size, break down the tops, pull and dry in the sun. Plant these the following year, and the same variety of onions as the seed sown is produced.

RINGBONE.

I have a five-year-old Clydesdale horse that went lame a year ago last spring. Had a veterinary, who said it was a low ringbone; had him blistered several times, and the lameness left for a while. Went lame again last winter, and has been going on three legs ever since. Between the hoof and fetlock, on front foot, it is swelled twice the normal size, and is hard. Had him fired and blistered by a veterinary also. It broke about a month ago just above the hoof, and is discharging a little matter. Do you think this horse will ever be any use to work? He has been too lame to put his foot under him for about five months.

J. L.

Ans.—Firing and blistering removes the lameness in a large percentage of cases. Some cases require a second firing and blistering eight or ten months after the first. The horse very often goes very lame after the operation, and then a cure results. Where this second operation does not effect a cure, the only remedy is to perform what veterinarians term neurotomy, which consists of removing the nerves supplying the limb in the region of the ringbone. It will be necessary for you to employ your veterinarian for these operations, and as he is familiar with the case, he is in a better position to state whether a second firing and blistering would successfully cure the lameness.

Veterinary.

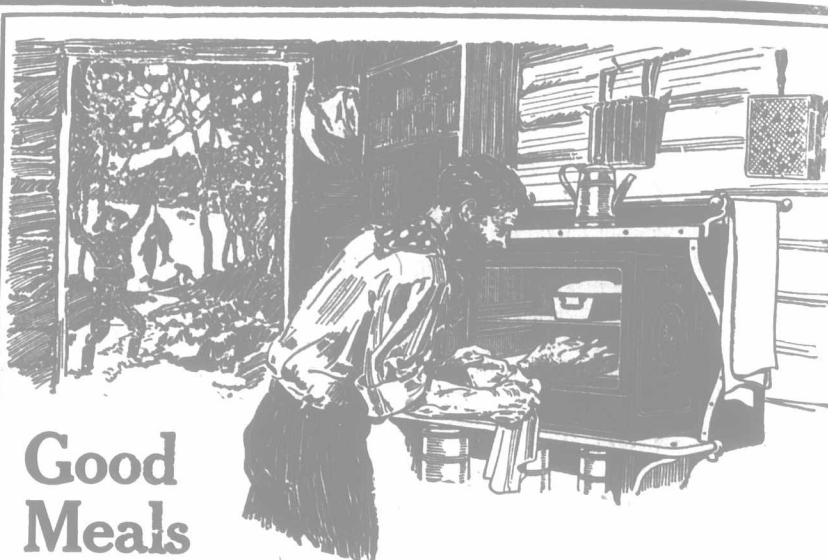
ENLARGEMENT AT NAVEL.

The navel and point of sheath of bull calf, three months old, are enlarged, forming a thin, flabby protuberance.

J. J. M.

Ans.—This is due to some local injury, and is not likely to prove serious. Bathe well three times daily with hot water, and after bathing rub well with warm camphorated oil. If pus forms, lance and flush the cavity out three times daily with a five-per-cent. solution of carbolic acid.

V.



Good Meals at Camp Comfort

The boys at Camp Comfort are using the same stove that they had last year. It was the best they could get. It was a

New Perfection Oil Cook-stove

This year they got a New Perfection Oven Also a New Perfection Toaster Also a New Perfection Broiler

"Gee, what a difference in the meals a good stove makes," said one of the boys. So they called their shack "Camp Comfort." And they will tell their mothers and wives about the stove, too. For the New Perfection Oil Cook-stove is as convenient for the home as for the camp. It will bake, broil, roast and toast as well as a regular coal range.

THE IMPERIAL OIL COMPANY, Limited
Winnipeg, Montreal, St. John, Halifax and Queen City Division, Toronto

The New Perfection Stove

is handsomely finished in nickel, with cabinet top, drop shelves, towel rack, etc. Long chimneys, enameled turquoise-blue. Made with 1, 2 or 3 burners. All dealers. Free Cook-Book with every stove. Cook-Book also given to anyone sending 5 cents to cover mailing cost.



Present Special Offering

- 20 High-Class Scotch Shorthorn Heifers
- 10 High-Class Young Shorthorn Cows
- 5 High-Class Scotch Shorthorn Bulls

At moderate prices, including Marr Missies, Emmas, Cruickshank Nonpareils, Duchess of Glosters, Village Girls, Bridesmaids, Butterflies, Kinellar Claretts, Miss Ramsdens, Crimson Flowers; also a number of the grand old milking tribe, which have been famous in the showing.

ARTHUR J. HOWDEN & CO.
Columbus, Ontario



SHORTHORNS

Have now a choice lot of young bulls to offer; also with something nice in heifers. Catalogue of herd and list of young animals on application.

H. CARGILL & SON, Proprietors, Cargill, Ont., Bruce Co.
JOHN CLANCY, Manager



Scotch Shorthorns

FOR SALE. One promising 12 months Imported Bull Calf, a Marr. Flora, recently Imported; 12 bull calves from 6 to 11 months old, all by 1m Farm ¼-mile from Burlington Jct. Station. Also 30 choice cows and heifers in calf, at reasonable prices.

MITCHELL BROS., Burlington, Ont.

Spruce Lodge Shorthorns and Leicesters

Will price cheap young bull from 6 to 14 months; also 1 and 2-year-old heifers, some from imp. sires and dams. Leicesters at all times of both sexes for sale. Phone. **W. A. Douglas, Tuscarora, Ont.**

Ayrshires of production, type and quality.

I can supply Ayrshires 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.

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.



Burnside Ayrshires

R. R. NESS, Howick, Quebec

Champions in the show ring and dairy tests. Animals all ages and both sexes for sale. Long-distance phone in house

City View Ayrshires

All from R. O. P. ancestors. Young bulls of January, March, May and July, 1911; also calves of 1912. Right good ones. Males only for sale. Write, phone or call. **JAMES BEGG, R. R. No. 1 half mile west. ST. THOMAS, ONT.**

Hillcrest Ayrshires—At head of herd is Ivanhoe of Tanglewild, a son of the champion Ayrshire cow, Primrose of Tanglewild, R. O. P. test 16,195 lbs. milk and 625.62 lbs. fat; 60 head to select from. Inspection invited. **F. H. HARRIS, Mt. Elgin, Ont.**

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. HUME & CO., Menie, Ont.

FIRST CHEQUE FOR \$50

buys a son of Victor Hugo (highest-priced bull of the breed), and from an Herd tuberculin tested. **McMILLAN & LEGGAT, TROUT RIVER, QUE.**
Bell Telephone, Huntingdon 81-21. Carr's Crossing, G. T. R.; Huntingdon, N. Y. C. R.

