

Family and Stockmen's Recipes

Receive expert attention with us. Send recipe for price, it will be observed as confidential and returned promptly. The Worthington Drug Co., Guelph, Ont. Chemists and Manufacturers of Worthington Stock Food.

WOOL E. T. CARTER & CO., TORONTO, ONT. HIDES AND SKINS EUROPEAN ADVERTISEMENTS.

HAMPSHIRE DOWN SHEEP.

"RESERVE" FOR CHAMPION IN THE SHORT-WOOL CLASSES, SMITHFIELD, LONDON, 1901.

Splendid Mutton, Good Wool, Great Weight.

This highly valuable ENGLISH BREED OF SHEEP is unrivalled in its wonderfully early maturity and hardness of constitution, adapted to all climates, whilst in the quality of mutton and large proportion of lean meat it is unsurpassed; and for crossing purposes with any other breed, unequalled. Full information of

JAMES E. RAWLENCE, SECRETARY HAMPSHIRE DOWN SHEEP BREEDERS' ASSOCIATION, SALISBURY, ENGLAND

THE RIBY HERD and FLOCK OF SHORTHORN AND LINCOLN CATTLE AND SHEEP

The largest of each in England. Established 150 years, with world-wide reputation both in the show ring and sale yard. Holders of the 100-guinea champion prize at Smithfield Show, London, 1902, against all breeds, and breeder of the two 1,000-guinea rams, and also the heaviest sheep at Chicago Show, 1903. Selections for sale.

Cables—Dudding, Keelby, England.

I Will Import:

Show or breeding rams or ewes, bulls or heifers, horses or pigs, of the improved breeds. Send orders soon to me:

ROBERT MILLER, Care of ALFRED MANSELL & CO., Live-stock Exporters, Shrewsbury, Eng.

W. W. CHAPMAN,

Secretary of the National Sheep Breeders' Association. Secretary of the Kent or Romney Marsh Sheep Breeders' Association, and late Secretary of the Southdown Sheep Society.

Pedigree Live Stock Agent, Exporter and Shipper. All kinds of registered stock personally selected and exported on commission; quotations given, and all enquiries answered.

Address: **MOWBRAY HOUSE, NORFOLK ST. LONDON, W. C., ENGLAND.**

Cables—Sheepcote, London.

COTSWOLDS

Shearling ram, shearling ewes. Ram lambs and ewe lambs from 450-lb. ram, winner of silver medal, Toronto.

ELGIN F. PARK, Box 21, Burgessville, Ont.

Lincoln Sheep and Shorthorn Cattle

Choice Lincoln Lambs of both sexes. Several carloads choice yearling rams and two carloads of one and two-year-old ewes, ready for Sept. and Oct. delivery. Also some choice young bulls, cows and heifers, which will make good herd foundations.

F. H. NEIL, PROP. Telegraph and R.R. Station, LUCAN, ONT.

Linden Oxfords.

A fine bunch of yearling rams, imported and home-bred; also early ram lambs fit for show.

E. J. HINE, Dutton, Elgin County, Ont.

"MODEL FARM" SHROPSHIRE

Do you want an imported ram or a home-bred one to improve your flock? Our offerings will please you. In imported rams and many home-bred ones (from imported stock) to choose from—massive fellows, all wool and mutton and the type that please. Stock of all ages for sale. Prices consistent with quality. Long-distance phone No. 94.

W. S. CARPENTER, Prop., SIMCOE, ONT.

Feeding Separator Milk to Calves.

Professor T. L. Haecher, of the Minnesota Agricultural College, presents the following directions for the growing of good calves on separator milk:

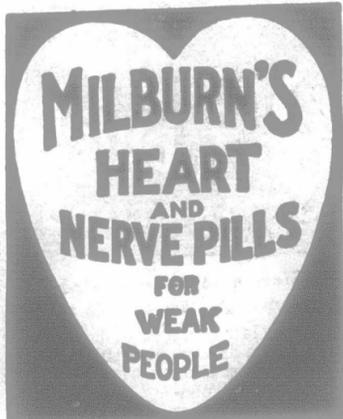
"I have made calf-rearing my business for over twenty years, and during the last fifteen years have placed my chief reliance on skim milk. For growing calves, I consider separator milk at least equal to whole milk, though calves will not lay on so much fat as they will when whole milk is fed; but they will make as good growth, and be as thrifty on skim milk. There is nothing in butter-fat that a calf can use in building body tissue. Butter-fat can be converted into body heat and body fat, and nutriment for this purpose can be supplied more cheaply with flax meal, which contains 30 to 35 per cent. oil. My system of feeding is very uniform. When the calf is dropped, I let it suck once, and then remove it from the dam. If it is removed in the morning, I give it no feed until the following morning. This is done so the calf will be hungry, and will drink the milk without the finger. I give from three to four pints of its mother's milk twice a day, immediately after milking the dam. A small calf gets three pints, and a large calf four pints. This I continue for about one week. Then for one week I give it whole milk half, and skim milk half, twice a day, giving it only from three to four pints. The third week I feed all separator skim milk, but put in the milk a teaspoonful of ground flax. I gradually increase the skim milk and flax meal so that by the end of the fourth week it is receiving a heaping tablespoonful of flax meal and ten pints of milk twice a day. After the first month it has access to a little early-cut hay, and a little whole oats, or a mixture of whole oats and bran or shorts. The important points are strict regularity in time of feeding, quantity and temperature of milk.

"It has been the general opinion among farmers, that separator skim milk was not a strong or nutritious feed, and that a large mess must be given to make up in quantity what they supposed it lacked in quality, and the result was that calves were overfed and indigestion would be produced, which was followed by scours and bloat.

"If directions are strictly followed the calf will always act more hungry after taking its meal than it did before, but it is better thus than to give it a larger mess and then have a case of scours or bloat on your hands. The milk should be measured every time with a clean tin cup, or weighed with a balance scale. Each calf should be fed by itself out of a clean tin pail, which should be washed and scalded after each feeding, just as thoroughly and carefully as one does the milk pails. Place the calves in small stanchions while they are being fed, so they will not get in the habit of sucking each other. Have the little manger in front of them wide enough so an ordinary tin pail containing the mess of milk sets into it. Have partitions placed in the manger, and when it has taken the milk, take out the pail, and if the calf is old enough to eat oats or bran, throw in about a tablespoonful, and it will soon get in the habit of chewing the oats as soon as it has taken the milk, for about that time it wants to do something, and if it is not confined in a stanchion or tied out of reach of another calf it will amuse itself by sucking its neighbor's ears. The bottom of the manger should be a dressed board about ten inches wide, and should be adjusted that it can be taken out once a week and scrubbed with hot water and soap, for the manger must be kept absolutely sweet and clean."

De Wolf Hopper had a slight cold the other night, and in a certain speech he referred to it in this fashion:

"I went to my doctor," he declared, "and the doctor said I had been eating too much nitrogenous food, and must stop it and eat farinaceous food. Since then I haven't been able to eat at all, for I don't know what either word means."



These pills cure all diseases and disorders arising from weak heart, worn out nerves or watery blood, such as Palpitation, Skip Beats, Throbbing, Smothering, Dizziness, Weak or Faint Spells, Anaemia, Nervousness, Sleeplessness, Brain Fog, General Debility and Lack of Vitality. They are a true heart tonic, nerve food and blood enricher, building up and renewing all the worn out and wasted tissues of the body and restoring perfect health. Price 50c. a box, or 3 for \$1.25, at all druggists.

FARNHAM OXFORDS We had the champion flock of Oxfords in 1903. Importations annually. Animals of all ages and sexes, both imported and Canadian-bred, for sale at all times at reasonable prices. **HENRY ARKELL & SON** ARKELL, ONTARIO.

SHROPSHIRE shearing rams, shearing ewes, ram and ewe lambs of choice breeding. Prices right. **GEO. HINDMARSH,** Ailsa Craig, Ont.

The Burford Flock of Shropshires won eleven prizes at the International. Choice yearlings and lambs, both sexes, by the famous Mansell ram, or lambs by Silver Medal ram at Toronto. 100 ewes bred to the above rams. **LOYD-JONES BROS.,** Burford, Ont.

FAIRVIEW SHROPSHIRE. Fairview is now the home of more high-class rams and ewes than ever since the flock was founded. The flock has produced more winners than any other. Twenty-three years' close experience accounts for it, with nothing but the best being always mated. Extra good values offered for summer shipments. **JOHN CAMPBELL, Fairview Farm, Woodville, Ont.**

GLENDHOLM HERD OF TAMWORTHS We are now booking orders for spring litters. Have 5 boars and 6 sows, 6 months old, left, and a fine lot of younger ones. **F. O. SARGENT, Eddystone, Grafton Sta., G.T.R.**

Maple Cliff Dairy and Stock Farm. R. REID & CO., PROPS. FOR SALE: A number of imported Tamworth sows, one of them in pig to Darfield Grandee (imp.); also two boars imported in dam. Two Berkshire boars fit for service. **HINTONBURG, ONTARIO.**

Five Tamworth Boars READY FOR SERVICE. These boars are well bred and of grand quality. One yearling and 4 under year; sired by Imp. British King. Write at once for price.

A. O. Hallman BRELAU, WATERLOO CO., ONT.

TAMWORTHS At living prices. Have some excellent young stock of good bacon type; both sexes. **LOUIS D. BARCHFELD, Grimsby, Ont., P. O. and Station.** Telephone on farm.

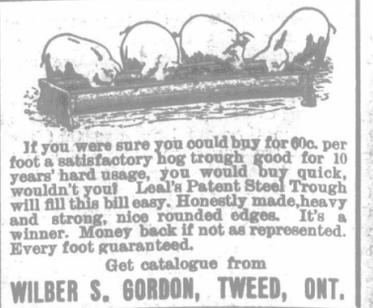
Newcastle **Tamworths & Shorthorns**

We have for quick sale a lot of choice Boars and Sows, Oct. and Nov. litters, the produce of our Toronto Sweepstakes Stock and the undefeated Boar, "Colwill's Choice" 1343. We are also booking orders for March and April Pigs, the choicest of breeding. We also offer for quick sale 2 or 3 choice Shorthorn Heifers, 12 to 15 months old; also one 2-year-old in calf; all first-class stock, got by bull weighing 2,500 lbs. Write quick if you want something good at moderate prices. **COLWILL BROS., NEWCASTLE, ONT.**

Oak Lodge YORKSHIRES

are the recognized type of the ideal bacon hog, and are the profitable kind from a feeder's standpoint. A large number of pigs at different ages now on hand for sale. We can supply high-class exhibition stock. Write for prices.

J. E. BRETHOUR, BURFORD, ONT.



If you were sure you could buy for 60c. per foot a satisfactory hog trough good for 10 years' hard usage, you would buy quick, wouldn't you? Leal's Patent Steel Trough will fill this bill easy. Honestly made, heavy and strong, nice rounded edges. It's a winner. Money back if not as represented. Every foot guaranteed. Get catalogue from **WILBER S. GORDON, TWEED, ONT.**

TAMWORTHS

30 head from 2 to 5 mos. old, registered. Write for particulars and prices. **D. J. GIBSON, Newcastle, Ontario.**

NOW READY!

Several young Tamworth sows of prizewinning strains. Orders are now being booked for future delivery. **JAMES DICKSON, Newcastle Station, Orono, Ont.**

TAMWORTHS AND HOLSTEINS

One bull calf sired by an imported bull. Boars fit for service. Sows bred and ready to breed. 50 boars and sows from 2 to 5 months old. Pairs not akin. **BERTRAM HOSKIN, Grafton Sta., G. T. R. The Gully P. O.**

MAPLE LODGE BERKSHIRES. Having left Sneilgrove and secured Maple Lodge Farm, Brampton, I am prepared to supply pigs of the best bacon type and breeding, with fresh blood added, and in as large numbers as ever. Have a few good young boars ready for service and fine sows ready to breed. Spring pigs have come strong, and we can supply pairs not akin. Address: **WILLIAM WILSON, Box 191, Brampton, Ont.**

LARGE YORKSHIRES GLENBURN HERD—upwards of 100 fine spring pigs, sired by imported Hollywell Hewson. Also a few 6 month sows. Prices reasonable. **DAVID BARR, JR., RENFREW, ONT.**

YORKSHIRES. Six sows to farrow this month to imported boars. Orders booked for pigs at weaning. **EGGS—M. B. and W. H. turkey, \$2.50 per setting. B and W. Rock, B. Orpington, B. Wyandotte, and Rouen duck eggs, \$1. T. J. COLE, Box 188, Bowmanville, Ontario.**

FOR SALE—Ohio Improved Chester Whites, the largest strain, oldest established registered herd in Canada; young sows in farrow; choice young pigs, six weeks to six months old; pairs not akin; express charges prepaid; pedigree and sale delivery guaranteed. Address: **E. D. GEORGE, Putnam, Ont.**

Chester White Swine between four and five months old; either sex; good bacon type. Sires and dams were prizewinners at Toronto and London fairs. Write or prices. **W. E. WRIGHT, Sunnyside Stock Farm, Glanworth, Ont.**

PINE GROVE FARM HERD OF LARGE ENGLISH YORKSHIRES. The oldest established registered herd in America. Having sold all boars and sows that were fit for breeding, we are now booking orders for spring pigs. Having a good number of imported sows and boars, also several choice home-bred sows, we are able to mate pairs and trios no akin. Satisfaction guaranteed in all mail orders. **Joseph Featherston & Son, Streetsville P. O., Ont., C. P. R. station, Streetsville; G.T.R. station, Clarkson.**

YORKSHIRES FOR SALE From the pioneer herd of the Province of Quebec. Both sexes and all ages. Satisfaction guaranteed on all mail orders. Also Pekin Duck Eggs for sale, \$1.00 a setting, or \$1.75 for two settings. Address: **A. GILMORE & SONS, Athelstan, Que. Railroad stations: Athelstan, N. Y. C.; Huntingdon, G. T. R.**

REGISTERED SHORTHORN BULL ready for service; **CHESTER WHITE BOARS,** ready for service; also **DORSET SHEEP,** various ages. Write to **E. H. HARDING, Mapleview Farm, THORNDALE, ONT.**

BERKSHIRES AND YORKSHIRES. For Sale—Boars fit for service; sows in farrow and ready to breed, and younger stock, all of the ideal bacon type. Pairs not akin. **JOHN BOYES, JR., Rosebank Farm, Churhill, Ont.**

FOR SALE: Yorkshires and Holsteins Best type and quality. Young stock constantly on hand. Prices right. **R. HONEY, Brickley P. O., instead of Warkworth.**

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