

All cows give some
MILK
Well fed cows of course give
MORE MILK
but cows fed COTTON SEED
MEAL give the
MOST MILK
and do it at less cost per pound.
COTTON SEED MEAL

when carefully selected, such as our BRANDS are, is the most economical and most satisfactory concentrate on the market. It is rich in protein, and offers it to the animal in a highly palatable and digestible form, and cows need protein to produce the maximum amount of milk. A scientific dairyman will always include in the ration sufficient cotton seed meal. More natural farm roughage and less grain products can be used. Ask your Experiment Station.

OUR BRANDS:

Owl Brand	Dove Brand	Jay Brand	Fox Brand
41-43% Protein	38 1/4-40% Protein	36-38% Protein	Feed Meal 20-22% Pro.

All selected quality—Cotton seed meal is our specialty and has been for forty years. Come to headquarters.

F. W. BRODE & CO.
Memphis, Tenn.
Established 1875 Incorporated 1915

TAMWORTHS
FOR SALE
Large number of choice males and females. All ages.
HEROLD'S FARMS, Beamsville, Ontario

Prospect Hill Berkshires
Young stock, either sex, for sale, from our imported sows and boars. Also some from our show herd, headed by our stock boar, Ringleader. Terms and prices right. John Weir & Son, Paris, Ont., R.R. 1

Meadow Brook Yorkshires
I am offering a splendid choice of sows bred for May and June farrow. All bred from prize-winning stock. Prices reasonable.
G. W. Miners, R.R. 2, Exeter, Ont. Huron Co.

Yorkshires Sows bred and younger; boars 2 and 3 months old. Our Champion, winner of 12 firsts and 5 championships in 2 years' showing at Toronto and Ottawa. Bronze turkeys from prize-winning stock.
WM. MANNING & SONS, Woodville, Ont.

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

Morrison Tamworths and Shorthorns. Bred from the prize-winning herds of England. Tamworths, both sexes, 140 to choose from. Shorthorns, 5 bulls, from 5 to 10 months old, reds and roans, dandies. Females of the best milking strains, CHAS. CURRIE, MORRISTON, ONT.

Polands, Durocs and Berkshires
Young stock at all times, both sexes and all ages. Can also supply anything in Dorsets or South-downs. Everything priced to sell.
CECIL STOBBS, Leamington, Ont.

AVONHURST YORKSHIRES
A large number of choice pigs. February farrowed. One of our sows farrowed 59 pigs in three litters. Correct bacon type. Pairs not a.k.n. We guarantee satisfaction.
B. Armstrong & Son, Codrington, Ont.

Pine Grove Yorkshires Bred from prize-winning stock of England and Canada. Have a choice lot of young pigs of both sexes, pairs not a.k.n. to offer at reasonable prices. Guaranteed satisfaction.
Joseph Featherston & Son, Streetsville, Ont.

Cloverdale Berkshires and Shropshires—In Berkshires I can furnish boars or sows, all ages, pairs not a.k.n. 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.

Sunnyside Chester Whites and Dorsets. In Chester Whites we have both sexes, any age, bred from our champions of many years. In Dorsets we have ram and ewe lambs by our Toronto and Ottawa champion, and out of Toronto, London, and Guelph winners. W. E. Wright & Son, Glanworth, Ont.

DUROC JERSEY SWINE
My herd won all the champion prizes at London, Toronto and Windsor, 1916. Young stock for sale, pairs not a.k.n. Come and see them, or write. Trains met by appointment.
Culbert Mialott, R.R. No. 3, Wheatley, Ont.

Questions and Answers. Miscellaneous.

Holding Two Clerkships.
Is it legal for one person to hold the position of Township Clerk and County Clerk?
Ans.—Yes.

Rape for Feed.
1. Will rape sown in early spring make good pasture after harvest?
2. I have a corner in a 20-acre field separated from the main field by a ditch, over which I have no bridge. I want to seed this down. Could I seed it with rape, clover and timothy? Would the rape get too hard for the cattle to eat?
3. What is the best time to sow rape for after-harvest pasture, and to get a good catch of clover and timothy?
4. I have a two-months-old calf which slobbers a good deal when it chews its cud. At present I am feeding skim-milk. It apparently is healthy but is not able to handle oats and hay.
5. Would you recommend sowing salt on root ground? If so, how much to the acre. The ground was fall plowed and well manured.
6. Where would you advise building a water supply tank, inside or outside the building? Do cement tanks give good satisfaction outside?
7. I put a bath-room in my house last fall and dug a cesspool about 8 feet deep. Is there any danger of it filling up?
8. Do you think the bran which we purchase now is valuable for milk cows? I am feeding one-third bran and two-thirds rolled oats. Would the cows do just as well without the bran?
9. How thickly should barley be sown as a nurse crop for sweet clover? How much sweet clover should be sown per acre?
10. Are turnips more satisfactory feed to keep up the milk flow than mangels?

11. Do you consider mangels to be profitable for feeding hogs?
E. B.

Ans.—1. Rape makes an excellent fall pasture when sown on well-prepared soil. A very satisfactory method is to summer-fallow the land up until the first week in July, then sow the rape in drills 21 or 28 inches apart. Cultivate once or twice through the season. This will tend to destroy weeds, and if the season is at all favorable there will be an abundance of feed by the first of September.

2. We doubt the advisability of sowing rape early in the season for after-harvest pasture. If the rape was sown at all thickly, or even if it were sown thinly and made a luxuriant growth, there would be a tendency for it to smother out the clover and timothy.

3. Clover and timothy should be sown in the spring; rape the first week in July.

4. At two months of age a calf does not take readily to oats and hay. It may pick a little, but we doubt whether there is much cause for alarm with a calf at that age. If there is nothing wrong with its mouth or teeth there is little that can be done to prevent the slobbering.

5. Salt is sometimes sown on root ground, especially for mangels. About 200 pounds per acre would be sufficient.

6. Concrete water tanks give good satisfaction when built outside. We have known them to be built in the approach to the barn where they are completely covered, but they are also built right out in the open, and, while they freeze a little on the inside and on the top, it is not sufficient to cause inconvenience, provided the pipe leading to and from the tank is protected from frost.

7. Provided the ground is porous there is not much danger of the cesspool filling, although it may be advisable to clean it out occasionally.

8. Bran is considered to be an exceptionally good concentrate for milk cows. If you are feeding all the legume hay the cows will consume besides a fair quantity of rolled oats, the cows should do fairly well without the bran. However, bran can be safely fed and has a laxative effect.

9. Sow about one bushel of barley to the acre when using it as a nurse crop. From 18 to 20 lbs. of sweet clover is the customary seeding.

10. Some feeders claim that they secure a larger flow of milk from feeding turnips than from mangels, but if equal weights are fed they are almost the same in feeding value. Mangels are preferred for dairy cows, owing to the absence of any taint.

11. Yes.

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PAROID is so good that the name has come to stand for the best kind of roofing. Complimentary, but dangerous! It means that for your own protection you must look for the name Paroid on every roll you buy. Then you are sure of the roofing that is approved by the National Board of Fire Underwriters.

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Once laid, a Paroid roof is weather-proof and fire-resisting for years to come. The saving on repair bills alone ensures the economy of Paroid, to say nothing of the absolute protection to your stock and crops.

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Those who use Royal Purple Stock Specific secure from 3 to 5 pounds more milk from each cow per day. Figure the increase on even a small herd. It will pay you to feed Royal Purple to your cows, and steers can be fattened a month earlier by its use.

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is a digester, tonic, an animal conditioner. It aids digestion and assimilation and enables

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Write for FREE 80-page booklet on the common diseases of stock and poultry and our other products. It tells how to raise calves without milk, also how to build hen-houses.

Duroc Jersey Swine

Just home from quarantine; Brookwater Principle sired by that great sire, The Principle 4, that has proved himself one of the greatest sires in the U.S., which we are using on a number of imported and home-bred sows for spring farrow. A few of the sows and young stock for sale at all times. Pairs furnished not a.k.n.
L. A. PARDO & SONS, R.R. No. 1, CHARING CROSS, ONTARIO

BERKSHIRES
ADAM THOMSON

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.

R. R. NO. 1, Stratford, Ontario
Shakespeare Station, G. T. R.

LYNNORE ENGLISH BERKSHIRES

FOR SALE—Young stock of both sexes, bred from imported animals, high-class in type and quality. Also, we are now offering for sale highly-bred imported stock boar and sows. Write for particulars.
F. WALLACE COCKSHUTT, BRANTFORD, ONT.
Lynnore Stock Farm—English Dairy Shorthorns and Berkshire Pigs.

DUROC JERSEY SWINE, JERSEY CATTLE

In Duroc Jerseys we have either sex of any desired age, bred from winners and champions for generations back. In Jerseys, we have young cows in calf and young bulls, high in quality and high in producing blood.
MAC CAMPBELL & SONS, Northwood, Ont.

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 Radial.

TAMWORTHS AND SHORTHORNS

Young sows due to farrow within a month. Young pigs, both sexes, all descendants of Imp. and Silver Medal Stock. Ten young heifers and cows, grand milking strain, in calf to Broadlands No. 87903.
A. A. COLWILL, R. M. D. No. 2, NEWCASTLE, ONT.