



## "and they cost me less per pound gain"

CAN you imagine a manufacturer in the city feeding costly raw material into a machine without precise figuring of costs and the most careful selection? Can it possibly pay the "manufacturer" of bacon to feed hogs on the old-fashioned plan, without knowing the cost per pound gain? Decidedly not, in these expensive times.

Our experts have done the figuring for you. They have found out that certain feeds, combined according to known feeding values, will get a hog off to market in far less time, with more marketable, good, firm bacon on him, and at less cost per pound gain.

# Monarch Hog Feed

is the cheapest feed you can buy—if you reckon by market results, and that is where your profits come from! Why try to figure out rations? Why worry about providing various feeds? Why waste precious time mixing up feeds? That was all very well when there was no such thing as Monarch Hog Feed available. Nowadayseverything must be done expertly if it's maximum profits you want.

It's quality bacon that captures the best prices; Monarch gets the quality—good, firm, hard bacon—at less cost.

Monarch Hog Feed is a true balanced ration; it supplies every nutrient the growing hog demands—no more, no less. It's just right for maxi-

mum production, without waste of feed.

It has all the nutrient qualities of shorts, corn products and digestive tankage (rich in flesh-forming materials). Combined as a properly balanced ration they are easily digested; Monarch is palatable; hogs thrive on feeds they relish. Monarch can always be relied upon for best results.

Give Monarch Hog Feed a good, fair trial. Order a ton from your dealer; you can always depend upon getting it; should your dealer not be handling Monarch Feeds, send us his name and address, and we will see that you are supplied.

### Monarch Dairy Feed

is a properly mixed balanced ration of oil cake meal and cotton seed meal combined with corn meal and bran; guaranteed analysis is 20% protein and 4% fat.

### Sampson Feed

A general purposes feed with same ingredients as Monarch Hog Feed, excepting that oil cake meal is used instead of digester tankage; effective for both cattle and hogs; guaranteed analysis—10% protein and 4% fat.

The Campbell Flour Mills Co. Ltd., Toronto, Peterboro, Pickering

Canada Food Board License, 6, 7 & 8.

## FEEDS!

Linseed Oil Cake Meal, Corn Oil Cake Meal, Gluten Feed (23% protein), Bran, Shorts, Feeding Corn Meal, Digestive Tankage, Wheat Screenings, Corn, Cracked Corn, Beef and Bone Scrap, Grit Shell, Charcoal, etc., etc.

Ask for price on car lots of Linseed Oil Cake Meal.

We are buyers of Hay, Straw, Oats, Barley, Buckwheat, Mixed Grain, Potatoes, etc., car lots or less.

Canada Food Board License No. 3-170, 9-1917, 9-1779.

**CRAMPSEY & KELLY**  
Dovercourt Road, Toronto

Newcastle Herd of Tamworths and Shorthorns Boars ready for service. Some bred and ready to breed; 2 splendid sows carrying their 2nd and 3rd litters. Boars and sows not akin, ready to wean. Mostly descendants of Colwill's Choice, 3-year champion at Toronto Industrial, and imp. Cholderston Golden Secret. A few nice Shorthorn heifers in calf, deep-milking strain. Young cows with calves at foot. Long distance phone.  
A. A. COLWILL, Proprietor, R.R. No. 2, Newcastle, Ont.

**Duroc Jerseys** For quick sale, 30 September boars. Our herd won all champion prizes at Toronto and London, years 1916, 1917, 1918. Visitors welcome. For further particulars, write:  
CULBERT MALOTT, R. 3, Wheatley, Ont.

A choice lot of  
**Poland China and Chester White** swine, bred from winning stock. Pairs not akin. Prices easy. Geo. G. Gould, R.R. 4, Essex, Ont.

WHEN writing advertisers kindly mention The Farmer's Advocate.

## Humeshaugh Yorkshires!

A special offering of young sows bred in September. Boars fit for service. August and September litters from exceptionally large litters. All are smooth, lengthy, medium bacon type, making good feeders. In Ayrshires Alex. Hume & Co., Campbellford, Ont., R. R. 3.

## BERKSHIRES

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.  
ADAM THOMPSON, R. R. No. 1, STRATFORD, ONT. Shakespeare Station, G.T.R.

### Meadow Brook Yorkshires

Have a choice offering of young boars and sows 3 and 4 months old, also a yearling sow bred to farrow in November. Priced right.  
G. W. MINERS, R. R. No. 3, EXETER, ONT.

### BIG TYPE CHESTER WHITES

Three importations in 1918 from the leading prize-winning herds in the U. S. Pigs ready to wean, and boars 4 months old, and Jersey bull calves 6 months old.  
John G. Annesser, Tilbury, Ont.

## Berkshire Pigs

Large size, choicely-bred sows in pig; boars and gilts. Can supply pairs not akin; also dual-purpose Shorthorn cattle. Young bulls for sale.

Credit Grange Farm, Meadowvale, Ont., - - J. B. PEARSON, Mgr.

### Yorkshire Hogs of best winning strains.

Choice stock for sale, all ages. Sows bred and ready to breed. Younger stock, both sexes, from suckers up. Nearly all varieties of Turkeys, Ducks, Geese and Chickens.  
T. A. KING, Milton, Ont.

## TAMWORTHS

Boars ready for service—a choice lot to select from. Write:  
John W. Todd, R. R. No. 1, Corinth, Ontario.

## YORKSHIRES

We are now booking orders for fall pigs. Six litters of excellent bacon type to choose from.  
WELWOOD FARM FARMER'S ADVOCATE, London, Ont.

## Tamworth For Sale

Boar pig eight-months old, two sows eight-months old, young pigs two to three-months old. Write for prices. Duncan MacVannel, St. Marys, Ont.

**Lakeview Yorkshires**—If you want a brood sow or a stock boar of the greatest strain of the breed (Cinderella), bred from prizewinners for generations back, write me.  
JOHN DUCK, Port Credit, 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, ONTARIO. Langford Station on Brantford and Hamilton Radial.

**Sunnyside Chester Whites and Dorsets.** In Chester Whites both sexes, any age, bred from our champions. In Dorsets ram and ewe lambs by our Toronto and Ottawa champion, and out of Toronto, London and Guelph winners.  
W. E. WRIGHT & SON, Glanworth, Ont.

**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

world. It is being transmuted into the expression of something finer.

And I believe that this same process will take place in international affairs. I believe that some day force will be entirely done away with. But first of all we must learn to use force as the instrument of protection, the symbol of love, the agent of righteousness.

After all our standards of judgment must be based upon motive rather than appearances. It is true that the Allies are using force as the means of defeating Prussianism. But they are not thereby converted to the philosophy that Might is Right. We must ask what lies behind the Allies' might? What is the urge behind the common people in the present conflict? And we shall see that they are making force the symbol and instrument of democracy.

Yet after the war we shall be faced by grave dangers. We shall have to guard against the accumulated might which has been gathered to crush Militarism, remaining as an end in itself.

History is replete with instances of power being attained for certain ends, and when the end has been achieved the purpose of the power has been abused.

Christianity was of slow growth in the ancient world. Its followers were despised and rejected of men, persecuted and put to death. Yet gradually it attained power. But what took place? The Middle Ages, from the fourth century onwards, tell the story that the power of numbers was used for persecution by the Christians even as they themselves had been persecuted.

It must not be so with the power the Allies have gathered during the war. We must regard our growing strength as the symbol of the world's hatred of the philosophy of Might. We must make it the instrument of mercy as well as justice. The task before us at the close of the war will be that of healing the wounds of the nations and of making a world where our children will be less and less under the dominion of the rule of force.—BY DR. HORACE WESTWOOD.

## Questions and Answers.

### Miscellaneous.

### Scratches.

One of my horses has scratches practically all the time. Sores have broken out on the legs. I washed them with hot water and applied sulphur and lard, but they do not appear to heal. Kindly advise treatment?  
H. J. D.

Ans.—Scratches are sometimes difficult to heal, especially when raw surfaces appear. Purge with 8 drams aloes and 2 drams ginger, and follow up with 1½ ounces of Fowler's solution of arsenic. Poulitice the legs with warm linseed meal and a little powdered charcoal for two days and two nights. Then dress three times daily with a solution made of 1 ounce each of acetate of lead and sulphate of zinc, to a pint of water.

### Pasture for Next Year—Carrots.

I have a field which has been in timothy for two years and I desire it for hay and pasture next year. Could it not be plowed early in the spring and seeded to red clover or alfalfa?

2. I have a quantity of white carrots for horses. What is the best method of handling this crop?  
F. H. F.

Ans.—1. Red clover or alfalfa sown in the spring would not produce hay the first year. They might give a little pasture towards fall. If feed is wanted next year, you had better leave the field as it is, unless you break it up and sow one of the cereal grains for pasture. Oats or oats and peas make very good pasture, or if cut just after they head out they make very good hay. Red clover and alfalfa may be sown alone on well-prepared soil or may be sown with a nurse crop.

2. Carrots are relished by horses of all ages and are much sought after by horsemen where horses are kept in high condition. They should not, however, be fed in large quantities to hard-working or driving horses. Carrots are pulled and topped much the same as mangels and stored in a root house or in a pit. They also make good feed for dairy cows. They contain a slightly higher feeding value than beets.