

## The Feeders' Corner

The Feeders' Corner is for the use of our subscribers. Any interested are invited to ask questions or send items of interest. All questions will receive prompt attention.

### Old or New Process Oil Cake

What is the difference between old and new process oil meal? Which is the better feed for dairy cows? Our dear old process oil cake in the form of lumps and as a meal. Which had 1 better buy? K. J. Oxford Co. Ont.

The difference between old and new process oil meal is due to different methods of extracting the oil from the flax seed. In old process meal, the oil is extracted by means of pressure and heat; in the new process it is extracted by means of naphtha, which dissolves out the oil and fat. The new process extracts the fat more completely and therefore the residue is not as rich a feeding stuff as is the old process meal. Lined seed meal, old process, contains 29.3 per cent. of digestible protein 32.7 per cent. carbohydrates and 7 per cent.

part corn and one part middlings will produce larger and more economical gains than either meal fed separately and will produce bacon of better quality than corn alone.

Barley meal is used almost exclusively for hog feed by the Danes, who have a reputation for producing the finest bacon hogs in the world. If barley is grown, a mixture of barley meal with middlings and corn meal, in the form of a slop fed three times daily will produce good gains. The quantity that one should feed will depend on the size of the pigs and the period for which they have been fed. Any feeder, however, who watches his hogs carefully can tell when he is feeding them enough.

In the case of corn fed on the ear, soaking has been found to give an increased feeding value to the corn of from seven to 10 per cent. With all meals, however, scalding has been found to decrease the feeding value. Experiments carried out by six different Canadian and American Experiment Stations, showed that on an average grains lose six per cent. of their value from scalding or cooking. Experiments carried on at four American Experiment Stations found

males were on exhibition. One three year old steer on exhibition weighed 2,240 pounds. A carload of steers, owned by P. H. Henry, of Ridgeway, averaged 1,726 pounds each.

**25 CENTS A POUND LIVE WEIGHT**  
The interest in these animals, however, was not so marked as in the case of the champion steer, "Roan James"—the steer owned by Jas. Leask, Greenbank, Ont., and a photo of which was reproduced on page three of Farm and Dairy last week. This steer at the public auction on the second day of the show sold for the exceedingly high price of 56 cents a pound, live weight. As Farm and Dairy readers will remember this steer was the champion at the Guelph Winter Fair two weeks ago and was reserve Champion at the great International Live Stock Exposition at Chicago.

The judges were: Messrs. A. Leback, W. J. Neeley, W. J. McClelland, W. J. Johnston, John M. Puddy, A. W. McDonald and William Craenack.

Members of the Executive Committee were: Prof. George E. Day, A. P. Westervelt, Robert Miller and J. H. Asher, Jr.

On Monday evening a complimentary dinner was tendered in the Arena by the Union Stock Yards Company to about 500 or 600 exhibitors, cattle breeders and others. Mr. J. D. Allan was toastmaster, and appropriate addresses were delivered in reply to the customary toasts by Messrs. S. Rennie, S. Charters, M.P.P.; John Gardhouse, Reeve of Etobicoke; W. F. Maclean, M.P.; A. Miller, J. Fallis; James Osborne, General Superintendent of the Ontario division of the Canadian Pacific Railway and ex-Ald. J. B. Hay, of the Grand Trunk Railway.

#### THE PRIZE WINNERS

The first prize of \$200, for 15 head of export steers, went to Hall &

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A Commendable Innovation in the Field of Live Stock Advertising

More and more are the breeders of pure bred live stock coming to realize and take advantage of various forms of advertising. They are finding out that it pays to advertise, and, in fact, that they cannot conduct their business successfully without having recourse to advertising. The illustration herewith, the cut of which was kindly loaned by the Holstein-Friesian Register, shows a float, which an enterprising dairy farmer in Michigan drove in the auto parade recently during the "Home Coming Week" at Howell, Mich.

of fat; new process meal contains 28.2 per cent. protein, 40.1 per cent. carbohydrates and 2.8 per cent. fat. In everything therefore except carbohydrates, old process is the richer and makes the letter feed of the two.

Lined seed meal is sold in three forms, as cakes, nut form and meal. When the meal is purchased in either the cake or nut form, the buyer is sure that the grain is not adulterated and it has a palatable flavor, which is less marked after the cakes have been ground into the form of meal.

### Ration for Fattening Hogs

What is a good mixture for fattening pigs? Does soaking or scalding add to the value of feed for pigst—L. H. Huron, N.Y. Ont.

A ration consisting of a mixture of feeds will make larger gains than a ration of one feed only. Corn meal, where it can be obtained at a reasonable price, is probably the cheapest food we have for fattening pigs. Pigs fed entirely on corn meal, however, do not make good Wilshire sides, which are the specialty of Canadian hog raisers. Sides from corn fed hogs do not cure well and are inclined to be soft. A mixture of one

that soaking added to the value of grains about seven per cent. Potatoes and beans should always be cooked however, to break the walls of the starch granules.

### The Toronto Fat Stock Show

Carloads of some of the choicest cattle ever seen in Toronto were displayed in the modern stalls at the Union Stock Yards, West Toronto, last Monday and Tuesday on the occasion of the First Annual Toronto Fat Stock Show. There were over 120 entries, including about 500 head of cattle and as many sheep and hogs.

The object of this show, which is now an assured annual event, is to demonstrate to producers and shippers of market cattle, sheep and hogs, that it pays to breed the kind of stock the market demands and to give it the best of care and feed so that it will command the highest price when sold. The Stock Yards where the show was held there is the added advantage of the visitors seeing a large live stock market in active operation.

The competition in some of the classes was exceedingly close. Most of the prize stock were Shorthorns and Herefords. Some splendid ani-

# DAIRYMEN'S CONVENTION

The Annual Convention of the Eastern  
Ontario Dairymen's Association

—WILL BE HELD IN—

**PERTH**  
**WEDNESDAY, THURSDAY & FRIDAY**  
**January 4th, 5th, 6th, 1911**

Some of the Greatest Authorities on Dairying in America will Address the Convention.

The Public are Respectfully Requested to Attend

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