

(10)

# "THE VETERINARIAN"

A treatise on the diseases of domestic animals by Dr. Chas. J. Korinek, Graduate of the Ontario Veterinary College of the University of Toronto and Hon. Member Ontario Veterinary Medical Association, describes the cause, symptoms and treatment of all diseases of Horses, Cattle, and Poultry, cloth bound, illustrated, \$2.50 and sells for









# C.E.F. Feeding Methods

(Continued from Page 8.)

Jane Segis Aaggie, the new world's champion cow, all breeds and ages, in butter production for periods from 1 to 120 days.

It is also interesting to note the following: 90 lbs. average cow's milk contains 79.52 lbs. water, 65 lbs. ash, 3.24 lbs. protein, 4.41 lbs. carbohyd-rates, 3.26 lbs. fat.

rates, 3.26 lbs. fat. Although these heifers, producing 42 to 97% lbs. milk per day, did not quile average: 3 lbs. fat each per day in their 7-day record, yet they con-sumed approximately 2.32.4 lbs. digest-tible protein and 10.03 lbs. digestible carbohydrafes and fat per pound pro-tein or fat produced in milk.

### Feeding Whey to Calves

8 whey (which has not been heated at the factory to make it sweet), good to feed to calves? Does it pay to feed to calves instead of nigs? (1) Whey has considerable feeding

value for certain classes of live stock It contains about 7% solids, includ-ing the greater part of albumen of milk, nearly all the sugar of milk, and some ash. Warm sweet whey can be fed to calves with more or less success, provided care is exercised in keeping the feeding pails perfectly clean. Some authorities even claim it has half the value of skim chaim it has half the value of skim milk for calves. Having such a large sugar content, it sours very quickly, the sugar being changed to acid by the bacteria present, hence if great care is not observed in feeding it to calves, digestive troubles are almost certain to follow. Provided milk is available, there is just a question available, there is just a question about the wisdom of feeding sour whey to calves. However, if milk is not to be hed a not to be had a little whey might be substituted for calves over one month old. They should be started off with out. They should be started on with very little and this gradually increas-ed until they will be getting any 10 to 12 ibs. per day, taking about ten days to work up to the full amount. Sour whey would, without doubt, give a much better return if fed to pigs. It is estimated that 760 lbs. of whey, either sweet or sour, is equal to 100 lbs. grain when fed to pigs at the rate of three to five lbs. to one lb.

## **Ormstown Stock Show**

#### (Continued from Page 6.)

Gentanticue invest range w.p. Sector California and a sector of the sector S. J. Halten & Sons, Silves DaKol Sector California, F. Cunninghan Dr. H. Brown & Sons; S. Alex, Yoten D. H. Brown & Sons; S. D. Raymon Junior Bull California, D. Raymon T. Wistgort; S. H. E. Cralg; A. D. Brown: & Sons; S. J. & Alexander.

(4 years and over, in milk)-nd, Rhoda Bonarges; 3, & Sona, Lälig of Milibrook; nd, Korndyke Queen DeKo; wr. & Sona, Milibrook D. H.

(3-years-old, in milk)-Daisy DeKol; 2, D. H. Bu bairy Postiac Korndyke; s, Cora Segis Burke. reast-old Heifor, in milk

wn & s, D, Sons:

Sangator; 2, J. ; 4, H. H. Cra Raymond; 2, 5, Neil Sangst D. H. Brown H. H. Craig. inder; 5, T. Walson; 4, H. lior Yearling—I, D. Rayme 1 & Son; 3, 4, and 5, Nell lor Cadf—I and 5, D. H. 3, D. Raymond; 4, H. H. lor Calf—I, James Winter; aymond; 3, H. T. Cunning!

2 and 4.



June 22, 1916.

BEFORE you build barn or house, I how much money we Here are the "Me stormproof and time; "Eastlake" Galvania "Ensilake" Galvania "Empire" Corrugate "Metallic" Ceiling a (for inside use.) "Matallic" Brick a

"Metallic" Brick a and Clapboard "Acheson" Roof Li "Halitus" Ventilator "Empire" Silo Roof

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WINDM Grain Grinders, Wate Saw Frames, Pumps GOOLD. SHAPLEY & I Brantford, Winnipeg, F

Noil Bangster: J. J. Haim & Sons: 4. D. Anno S. J. F. R. Oyasz J. B. Barnes, J. F. R. Oyasz J. B. B. Down, et al. Barnowski Consts. J. J. Haom & Sons: J. D. Barnowski Consts. J. J. Haom & Sons: J. D. Barnowski Consts. J. J. Haom & Sons: J. D. Barnowski Barnowski Barnowski Barnowski Merikan M. Barnowski Barnowski Barnis, J. B. Brown, a Barnowski Sonsis, S. D. Barnowski Sonsis, S. Barnowski, S. Barnowski, S. Barnowski Sonsis, S. Barnowski, S. Barnowsk

ecial. unior Male Champion.—H. T. Cunning, m. ribbon and John Hastis Special. Seo. E. Baird Special (best display of latein castile)....i, D. H. Brown; J. J. m & Sons; J. H. H. Craig; faasy-Harvis Oo. Special....i, D. Ray-nd, double.furrow piow.

Jersey Classes.

This popular Channel Island breed was represented by the \* herds of Messrs, B. H. Bull & Son, Brampton; Jas. Winter, Ormstown, and that of Messrs. W. H. Martin & Son, of War. den, Que., besides some individual herds. Martin's herd was delayed en route, and was judged the day after loading, therefore they were not in as good form. There were many individuals of merit in both herds. The animals in the herd of Messrs. Bull Sons are very true to Jersey type, ä and are a most uniform lot. This is the second time they have exhibited at this fair. Last year they had no competition, but this year Martin came out against them with over twenty head. The Messrs. Bull hope that another year a few more of the Quebec Jersey men will come out, as they like good competition. Mr. Mar-tin-has a lot of strong, milky females, and his herd shows good quality.

Jersey Awards.

Judge-Prof. C. C. Archibald, Ottowa

Aged Bull-1, Brampton Burma King, H. Bull & Sons, Brampton, Ont. 2, sple Blue, W. H. Martin, Warden,

ue. Two-year-old Bull-1, Brampton Gam-oge Prince, B. H. Bull & Sons. Sonier Yearling -1, Prampton Fonlane two, B. H. Bull & Sons: 2, Brampton Junior Yearling Bull-1 and 2, Bull & on.

n. Sonior Bull Calf-1 and 2, Bull & Sons; and 4, W. H. Martin. Junior Bull Calf-1 and 2, Bull & Sons; W. H. Martin.

### Female Awards.

Calf-i and 3, Bull & Sons; 1,

#### Group Awards.

rd\_l and 3, Bull & Sons; 1, 4 and 2, Bull & Sons; 1,

Get of Sire (4 animals)-1, Bull & Sons; W. H. Martin.

1. Martin. ce of Cow (2 animals)—1, Bull & W. H. Martin: 3, W. H. Martin. Herd (4 cows)—1 and 2, Bull &

Philps, M.L.A., Special: One Cham-Jersey Female, and best display of y Cattle-Bull & Son.

The first rule of the conscientious dairyman is, "In all things be clean."

Land plaster used freely in the sta-es will absorb all odors and increase the fertilizing value of the manure.

Group Awards. Thorough cultivation pays in so far Graded Hard-1. D. Raymond; 5. D. H. as the resultant crop values are rela-tioner & Boost, 5. J. Holm & Bons, 4. J. Virydy greater than the Increased cost result for the second second