

### Eradication of Foot-and-Mouth Disease.

A commission, appointed by the President of the British Board of Agriculture to inquire into the circumstances of the outbreaks of foot-and-mouth disease during 1911, and to consider whether future methods can be adopted to prevent their recurrence, have recently issued their report, from which it appears that the disease has been present in Britain only in ten years out of the twenty-one years between 1892 and the present time, the total number of outbreaks in that period being 158; but, as 133 of these outbreaks occurred during the first ten years, and only 25 during the last eleven years of the period, it would appear that the disease is more under control now than formerly. The report shows that there is but little exact knowledge, even among veterinary experts, as to the nature, origin and means of transmission of the disease. The committee therefore feel that it is most important to obtain further information on the subject through the medium of special and thorough investigation, experiment and research.

Fortunately, Canada has, up to the present, suffered comparatively little loss from importation of this disease; so little, indeed, that it would appear that the climate or other conditions here were not favorable to its dissemination. Never-

theless, it is well to remember that prevention is better than cure, and all reasonable means should be adopted to avoid its introduction, even though our importers of stock are disappointed, owing to occasional rulings of the Department of Agriculture prohibiting importation of animals liable to contract a disease so easy of dissemination as is this.

### Western Field Conditions.

Reports are very varied on the crop outlook in Manitoba and the other Western Provinces, but generally more encouraging because of recent rains, though the period of hot drouth will mean probably a reduction of 5 to 10 per cent. in considerable sections. The general consensus of opinion is that the grains will be shorter in the straw this year, and therefore lighter to harvest. There have been some severe local storms, like those at Regina and Saskatoon, but little destruction by hail or frost has yet occurred. The painful experiences of recent years teach the wisdom of adopting the safer methods of more diversified farming, and thoughtful men see that the real progress of agriculture is hindered and obscured by the "going in real estate" slogan one hears everywhere as new districts and town sites are exploited.

### Apples from New Zealand.

"Some weeks ago," writes W. A. Beddoe, Canadian Trade Commissioner in New Zealand, "the Waitamata Fruit-growers' Association sent to Vancouver a sample consignment of apples. The intention is—if the shipment is a success—to follow it up with a carload lot. The head of this institution informed your Commissioner that last season fruit was shipped by a British-Columbian firm to them on consignment, with very satisfactory results. The New Zealand firm is now prepared to reciprocate, and send a carload on consignment. The Zealandia on this sailing also takes six cases of apples to Vancouver as a sample shipment."

Throughout Middlesex County, Ont., haying was in full swing last week, and though not as heavy as was once anticipated, is turning out a fair crop. Scattered rains have helped the timothy meadows, and heat and moisture combined have started the corn growing at an encouraging rate. Some fields of fall wheat which, as a rule, present a very fine appearance, are turning yellow; barley is in full head, and a fine crop; oats are heading, but rather short in straw in many cases, while potatoes, of which there appears to be a larger area than last year, are coming on well. The prospects are for a fast grain harvest.

### GOSSIP.

#### CANADIAN OFFICIAL TESTS FOR HOLSTEINS FOR JUNE, 1912.

May Echo Verhelle (5320), at 8 years 30 days of age; 21.72 lbs. fat, equivalent to 27.15 lbs. butter; 702.2 lbs. milk.

Thirty-day record, at 8 years 30 days of age; 89.45 lbs. fat, equivalent to 111.81 lbs. butter; 2,587 lbs. milk. Owned by F. R. Mallory.

Aaggie Mercedes (7667), at 5 years 4 months 11 days of age; 21.63 lbs. fat, equivalent to 27.03 lbs. butter; 640.6 lbs. milk.

Fourteen-day record, at 5 years 4 months 11 days of age; 42.89 lbs. fat, equivalent to 43.61 lbs. butter; 1,158.7 lbs. milk. Owned by J. M. Van Patter.

Shadeland Beets De Kol (11675), at 5 years 10 months 1 day of age; 21.05 lbs. fat, equivalent to 26.31 lbs. butter; 583 lbs. milk. Owned by Colony Farm.

Eloise De Kol Netherland (12757), at 7 years 6 months 7 days of age; 20.02 lbs. fat, equivalent to 25.03 lbs. butter; 612.3 lbs. milk. Owned by H. Bollert.

Sena J. 2nd (17731), at 9 years 7 months 14 days of age; 19.02 lbs. fat, equivalent to 23.78 lbs. butter; 605.56 lbs. milk. Owned by Colony Farm.

Meta Clothilde P. (17728), at 12 years 28 days of age; 17.85 lbs. fat, equivalent to 22.31 lbs. butter; 686.21 lbs. milk. Owned by Colony Farm.

Cora Albert De Kol (6205), at 7 years 1 month 20 days of age; 17.61 lbs. fat, equivalent to 22.01 lbs. butter; 524.9 lbs. milk. Owned by Colony Farm.

Victoria Burke (7103), at 5 years 11 months 4 days of age; 16.76 lbs. fat, equivalent to 20.95 lbs. butter; 505.44 lbs. milk. Owned by Jas. Caskey.

Maud Holland De Kol (7478), at 5 years 10 months 22 days of age; 15.77 lbs. fat, equivalent to 19.71 lbs. butter; 465.2 lbs. milk. Owned by J. M. Van Patter.

Phocis De Kol (7009), at 11 years 1 month 22 days of age; 14.00 lbs. fat, equivalent to 17.50 lbs. butter; 420.6 lbs. milk. Owned by Wilber C. Prouse.

Violet 2nd (2425), at 13 years 9 months 12 days of age; 13.77 lbs. fat, equivalent to 17.21 lbs. butter; 462.9 lbs. milk. Owned by George Winter.

Lady Pietje Canary (9546), at 4 years 11 months 4 days of age; 26.98 lbs. fat, equivalent to 33.72 lbs. butter; 419.9 lbs. milk. Owned by J. M. Steves.

Ykema Calamity Mercedes (14617), at 4 years 15 days of age; 13.64 lbs. fat, equivalent to 17.05 lbs. butter; 423 lbs. milk.

Fourteen-day record, 26.76 lbs. fat, equivalent to 33.45 lbs. butter; 881 lbs. milk. Owned by J. M. Van Patter.

Duchess Calamity Mercedes (14616), at 4 years 1 month 1 day of age; 13.05 lbs. fat, equivalent to 16.31 lbs. butter; 411.7 lbs. milk.

Fourteen-day record, at 4 years 1 month 1 day of age; 25.23 lbs. fat, equivalent to 31.53 lbs. butter; 798.4 lbs. milk. Owned by J. M. Van Patter.

Wadmantje Canary (17736), at 3 years 2 months 28 days of age; 19.2 lbs. fat, equivalent to 24 lbs. butter; 531.44 lbs. milk.

Thirty-day record, at 3 years 2 months 28 days of age; 79.22 lbs. fat, equivalent

to 99.02 lbs. butter; 2,291.46 lbs. milk. Owned by Colony Farm.

Grebeega 2nd (11476), at 3 years 10 months of age; 15.64 lbs. fat, equivalent to 19.55 lbs. butter; 480.99 lbs. milk. Owned by Colony Farm.

Celia De Kol Posch (14882), at 3 years 3 months 16 days of age; 14.17 lbs. fat, equivalent to 17.72 lbs. butter; 430.7 lbs. milk.

Thirty-day record, at 3 years 3 months 16 days of age; 59.06 lbs. fat, equivalent to 73.83 lbs. butter; 1,797.9 lbs. milk. Owned by Colony Farm.

Lakeside Melba Alban De Kol (14883), at 3 years 3 months 15 days of age; 13.99 lbs. fat, equivalent to 17.49 lbs. butter; 515 lbs. milk. Owned by Colony Farm.

Arrawanah Posch 2nd (11324), at 3 years 9 months 5 days of age; 12.55 lbs. fat, equivalent to 15.69 lbs. butter; 343.4 lbs. milk.

Fourteen-day record, at 3 years 9 months 5 days of age; 24.8 lbs. fat, equivalent to 31 lbs. butter; 680.8 lbs. milk. Owned by J. M. Van Patter.

Della Sarcastic Lad's Lovelia (12395), at 3 years 10 months 8 days of age; 11.91 lbs. fat, equivalent to 14.89 lbs. butter; 421.25 lbs. milk. Owned by David H. McPherson.

Lakeside Model Pauline (14884), at 2 years 11 months 26 days of age; 16.21 lbs. fat, equivalent to 20.27 lbs. butter; 471.5 lbs. milk.

Thirty-day record, at 2 years 11 months 26 days of age; 66.01 lbs. fat, equivalent to 82.52 lbs. butter; 1,862 lbs. milk. Owned by Colony Farm.

Lawncrest May Echo Posch (15023), at 2 years 2 months 7 days of age; 14.09 lbs. fat, equivalent to 17.61 lbs. butter; 487.8 lbs. milk.

Thirty-day record, at 2 years 2 months 7 days of age; 54.97 lbs. fat, equivalent to 68.71 lbs. butter; 1,970.6 lbs. milk. Owned by F. R. Mallory.

Dolly Hengerveld De Kol (15104), at 2 years 6 days of age; 13.75 lbs. fat, equivalent to 17.19 lbs. butter; 385.94 lbs. milk. Owned by James A. Caskey.

Lady Jongste (14026), at 2 years 1 month 5 days of age; 12.55 lbs. fat, equivalent to 15.69 lbs. butter; 343.6 lbs. milk. Owned by J. M. Van Patter.

Aaggie De Kol Sarcastic (12436), at 2 years 11 months 20 days of age; 12.24 lbs. fat, equivalent to 15.30 lbs. butter; 325.6 lbs. milk. Owned by J. M. Van Patter.

Homestead De Kol Colantha (12683), at 2 years 4 months 9 days of age; 11.18 lbs. fat, equivalent to 13.97 lbs. butter; 319.73 lbs. milk. Owned by Colony Farm.

Lady Mercedes Sarcastic (15369), at 2 years 3 months 1 day of age; 10.61 lbs. fat, equivalent to 13.26 lbs. butter; 345.7 lbs. milk. Owned by J. M. Van Patter.

Daisy Korndyke Segis (14179), at 2 years 3 months 10 days of age; 10.03 lbs. fat, equivalent to 12.53 lbs. butter; 305.5 lbs. milk. Owned by Colony Farm.

Aaggie Sarcastic (15371), at 2 years 1 month 6 days of age; 9.69 lbs. fat, equivalent to 12.11 lbs. butter; 325.4 lbs. milk. Owned by J. M. Van Patter.

Corinne Jane Houwtje (16945), at 2 years 2 months 21 days of age; 8.96 lbs. fat, equivalent to 11.20 lbs. butter; 272.45 lbs. milk. Owned by Wilber C. Prouse.

Marguerite Brook De Kol (15133), at 1 year 11 months of age; 8.8 lbs. fat, equivalent to 11 lbs. butter; 245.15 lbs. milk. Owned by W. C. Prouse.

### QUESTIONS AND ANSWERS.

1st.—Questions asked by bona-fide subscribers to "The Farmer's Advocate" are answered in this department free.

2nd.—Questions should be clearly stated and plainly written, on one side of the paper only, and must be accompanied by the full name and address of the writer.

3rd.—In Veterinary questions the symptoms especially must be fully and clearly stated, otherwise satisfactory replies cannot be given.

4th.—When a reply by mail is required to urgent veterinary or legal enquiries, \$1.00 must be enclosed.

### Veterinary.

#### NAVICULAR DISEASE, ETC.

1. Five-year-old horse advances one fore foot to relieve weight upon it. He rests foot on toe. The foot is smaller than its fellow, and the muscles of breast and shoulder are shrunken some. He goes stiff in the morning.

2. What will cure quarter crack?

R. McK.

Ans.—1. This is a case of navicular disease, usually caused by driving on hard roads or standing too much on dry, hard floors, or possibly by sprain. In most well-marked cases it is incurable, but the symptoms can be lessened by long rest and repeatedly blistering the coronet. Clip the hair off for two inches high all around the hoof. Tie so that he cannot bite the parts. Rub well with a blister made of 2 drams each of biniodide of mercury and cantharides, mixed with 2 ounces vaseline. Rub well again the second day, and the third day apply sweet oil and turn in loose stall or on pasture. Oil every day until the scale comes off. Then blister again, and after this blister once every month so long as you can give him rest. If obliged to work him, shoe with rubber pads.

2. Get the blacksmith to pare well down on top of crack; rasp away the bottom of the wall beneath the crack so that it will not rest upon the shoe. Shoe with a bar shoe, giving good frog pressure. Have the shoe removed every four weeks.

V.

### Miscellaneous.

#### ONTARIO VETERINARY COLLEGE.

1. To whom should I write for information to the Ontario Veterinary College?

2. Is there any other Veterinary College in Ontario besides the Toronto college?

R. L. B.

Ans.—1. Dr. E. A. A. Grange, Principal, Ontario Veterinary College, Toronto, Ont.

2. No; at least none of any importance.

### ENGINEER'S PAPERS.

Could you tell me where I should apply for the papers to run an engine in the West?

J. T.

Ans.—This depends upon the Province in which you wish to work. Apply to the Minister of Agriculture of whatever Province you wish to operate in.

### COLT WITH WEAK LEGS.

My mare foaled on 26th May. The foal was weak and could not get up. We helped it to suck for two weeks till the mare dried. Since, we have fed it on cow's milk. It is bright and hearty, and grazes, but its legs do not strengthen. The shoulders seem loose. We sling it two or three times a day. The stifle and one front leg, from the knee down, are slightly swollen, and the back tendon in that leg is short. Can any medicine be given, or the leg supported in any way to help it to strengthen?

A. S.

Ans.—As the colt is progressing, and is commencing to graze, it might be better to encourage him to make as much use as possible of his limbs. With use, they should gain strength. Doping a young colt is usually unsatisfactory. Allow nature a chance, and if in a reasonable time improvement is not noticeable, call in your veterinarian.

### SWEET CLOVER—THORN HEDGE.

1. Inclosed you will find what I suppose is a weed. Will you kindly tell me what it is, and if it is bad for spreading?

2. When is the best time for destroying a thorn hedge?

J. H.

Ans.—1. This is the yellow-flowering sweet clover (*Melilotus officinalis*). It is considered a weed by some, and a profitable fodder plant by others. Would not allow it to become thick. All that is necessary is cutting to prevent seeding, or plowing will put an end to it.

2. In early spring, when the land is soft and wet, such hedges may be torn out by the roots with a good team of horses and a logging chain. They might be girdled now to kill the trees, and they would pull more easily next spring.

### TROUBLE WITH PIGS.

In glancing over your issue of June 27, 1912, I saw inquiries from R. I., and answer, re pigs with weak shoulders. If you permit me, I would say a few words regarding the above-named trouble. I believe the trouble comes from the pigs getting damp or wet from the alfalfa, then being exposed to the sun, which burned or scalded, and which is painful to the pig. Young pigs should not be suddenly taken from under cover and exposed to the hot sun. Rub with sweet oil, or grease without salt in it, and put under shade.

WM. McADOO.

[Ans.—While these suggestions are quite in order, being sound and all right, it may be mentioned that our inquirer in this particular case had described no symptom of external soreness which greasing would benefit. The precautions advised are, nevertheless, good ones.—Ed.]