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SHEEP GOING BLIND.

Our sheep are all going blind. They seem to have sore eyes, running water at first, then a thick scum forms over the eye and they dcan't see. The eye is of a pinkish color. They have not been near other sheep. Is there any treatment, or will they get better. The lambs have not taken it yet.

С. Т. В. Ans.-We have known this trouble to pass away in the course of a couple of weeks, as a rule, and do not think any treatment is necessary.

EGG PRODUCTION—ALFALFA AND BLUE GRASS.

1. How many eggs will an average hen lay per year, if proper care and food is given?

2. Will alfalfa and blue grass, mixed, say, one-third blue grass, two-thirds alfalfa, make good horse's hay, or can it be ground together successfully? A. M. L.

Ans.-1. About 100 to 120. A hundred and fifty is good work, though there are strains bred with a view to a twohundred egg standard, but we suspect very few maintain it for many genera-

2. This mixture would, make excellent horse hay if cut at the right time, but your stand would, in all probability, soon run largely, if not wholly, to blue grass, the alfalfa being crowded out. Grass is one of the arch enemies of

DAIRY QUERIES.

1. From cream weighing 31 lbs. I churned 14 lbs. 2 ounces butter. What should cream test as regards percentage of butter-fat?

2. The temperature of cream at time of churning was 56 degrees, and the butter came in about eight minutes. Would all the butter be out of the cream with that length of time churning?

3. Should a cream test from samples taken each day for a month (the system used in butter factories), vary much from the test from a sample taken at any one time during the month, the cream screw not being changed in the meahtime, and other conditions as uniform as possible during the month?

Ans.-1. Assuming an average overrun of one-sixth, you had 12.1 pounds of butter-fat, which is 39 per cent. of 31. That is to say, your cream probably tested 39 per cent. or thereabouts, depending upon the thoroughness of the churning and the amount of water and salt incorporated with the butter.

2. You may have had a fairly exhaustive churning; you should have had with a temperature of 56 degrees, though, as a rule, it requires a little longer time than eight minutes to recover all the fat in the cream. Still, much depends on the cows, and some give cream that will churn pretty exhaustively in five or ten minutes, especially when receiving succulent food.

3. From various causes, the one day's sample may vary considerably from the month's average, as determined by the composite test.

GOSSIP

John McFarlane, Dutton, Ont., who has recently returned from Scotland, writes: My touring while in the old land was both pleasant and profitable; travelled along west coast of Scotland, through Caledonian Canal, attended the Highland Society Show at Inverness, where the very best of stock was exhibited. On the east coast I saw excellent crops of wheat, oats, turnips and potatoes. think Aberdeen is one of the most substantial cities in Scotland, visited the fish market there, which was a wonderful sight, worthy of mention for its beauty. Mr. McFarlane, in his advertisement, offers for sale a splendid lot of young Shorthorn bolls, up to fourteen months, roans and reds; also Oxford Down ewes, and leads of both sexes. Also Lincoln lambs, both sexes

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