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QUESTIONS AND ANSWERS. Miscellaneous.

MISCELLANEOUS QUERIES.

1. Do cows shed their teeth between two and three years, or three and four years of age?
2. Which of the following do you think would be the most satisfactory, a cement tank built inside a drive barn about two feet above the floor, or a cistern in the rock, as the rock is solid, and has only about twenty inches of earth on it?
3. What would be a good grain ration to feed a cow while she is dry, until she freshens, about May 1st, and how much per feed?
4. How many bushels of potatoes will it require to plant one acre, if they are

cut the old way in small pieces? How many pieces should be used per hill?

5. What is the best root to grow for feed for cow for winter when making butter?

6. Would three inches be too much of a slant to a floor in a horse stall?

P. M.

Ans.—1. Temporary central incisors are shed from one year and three months to two years and three months of age, the internal lateral at two years, and the external lateral at three years, and the corner incisors at from three and a half to four years. The front molar appears at from six to eight months, and the number is complete at from three to four years.

2. Either should prove satisfactory. The tank would likely be the cheaper.

3. With plenty of roughage in the form of clover hay, silage, and roots, a small grain ration is all that is necessary.

From four to six pounds daily of mixed chop would be good. Oats and barley could be used. Corn, being comparatively cheap, a little might be incorporated in the ration, and if the cow is thin and run down, a pound or so of oil cake per day might be added. Bran is also good.

4. About 25 bushels. One or two.

5. Mangels, or feed beets, are as good as any.

6. Yes. An inch to inch and a half would be better.

SEEDING MIXTURE.

I have a field about 1½ acres loamy clay on an incline facing the south which was plowed and sowed to oats last year. This year I wanted to sow oats and seed down. Kindly tell me what mixture of seed to use. I have good stable (cow) manure. How could I use it on this ground to get best results?

H. B.

Ans.—The question does not state whether the land is to be used for hay or pasture. For hay, a good mixture would be about eight pounds red clover, two pounds alsike clover, and three pounds timothy per acre. As high as twelve pounds per acre of red clover is recommended by some, but if manure is applied to the soil, a good catch should result from the foregoing mixture. If required for pasture the second year, three pounds each of orchard grass and meadow fescue could be added, and the amount of red clover reduced to six pounds. Draw the manure on the soil now, and work it in during the preparation for the seeding. Do not give too heavy a coat of manure if the land is in good condition, as the oats would be more likely to lodge and smother the grass and clover. Sow the oats rather thin. Barley or spring wheat usually makes a better nurse crop.