

stover. The steers rapidly tire of it more quickly than do the cows.

So far as mechanical condition is concerned, the best results will be obtained with shredded stover. A properly balanced ration for milch cows should consist of one-third grain mixture and two-thirds coarse fodder; for young stock one-fourth to one-fifth grain mixture and the balance coarse fodder. Experience shows that not over one-half of the coarse fodder or one-third of the total daily ration should consist of stover. Fed in such quantities animals will as a rule consume it for a long time and it will give nearly if not quite as good results as an equal quantity of good hay. In addition to the stover coarse fodder should generally consist of some kind of hay or silage. If the stover is fed at the same time as the silage the flavor of the latter will be imparted to the stover, causing it to be eaten clean. Some good feeders moisten the cut stover with water and sprinkle the grain over it. This also imparts flavor to the stover and will frequently induce animals to eat more of it with correspondingly satisfactory results. Another good method for those who are able to practise it, is to put the cut stover into a large covered wooden box, moisten with water and mix about one pound of bran to four or five pounds of stover and then turn in steam. The steam softens the stover and imparts the flavor of the bran to the entire mass. Thus prepared it will keep several days, and if convenient a little steam can be turned in every day.

The following rations containing corn stover are suggested for milch cows. In the case of fattening animals, corn meal or oatmeal should be substituted for a considerable portion of the nitrogenous grains.

- 3 lbs. wheat bran.
- 3 lbs. gluten meal.
- 2 lbs. linseed meal.
- 9 lbs. corn stover.
- 9 lbs. hay.

II.

- 6 lbs. wheat bran,
- 3 lbs. gluten meal,
- 30 lbs. silage,
- 8 lbs. corn stover.

III.

- 3 lbs. oatmeal,
- 3 lbs. cornmeal,
- 3 lbs. wheat bran,
- 8 lbs. corn stover,
- 10 lbs. peas and oats.

The above suggestions are not to be followed blindly, the judgment of the feeder being always essential to success.

The grain rations can be used with any of the coarse fodder rations. Not so much grain need be given if twenty-five to thirty pounds of the stover bran mash is fed: six or seven pounds would then be sufficient.

SEED PRIZES AT WINTER FAIR

The seed prize list for the coming Ontario Winter Fair to be held at Guelph Dec. 9-13, has a class for farm seeds and another for "spec-

ially selected seed" which has been grown and selected according to the regulations of the Canadian Seed Growers' Association.

Several valuable special prizes or trophies are offered this year to become the property of the exhibitor after winning it three times. These are:

(1) A handsome silver cup given by Mr. F. W. Hodson, Ex-Live Stock Commissioner for Canada to the member of the Canadian Seed Growers' Association making the most creditable showing of selected seed.

(2) Cup given by Prof. L. S.

Klinec, Macdonald College, Ste. Anne's, Que., for the best 25 ears of Dent corn, any variety, grown in Ontario in 1907 under the rules of the Seed Growers' Association.

(3) Cup given by Mr. Thos. C. Bate, Ottawa, for the best 25 ears of Flint corn, and variety, grown in Ontario in 1907 under the rules of the Seed Growers' Association.

(4) A trophy valued at \$100 given by the Steele Briggs Seed Co., Toronto, for the best bushel of Alsike Clover Seed of highest Government standard in respect to purity and germination grown by the exhibitor.



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