

counted upon and a powerful engine is available for driving, then the blower type of cut box may be expected to do the work of filling the silo more cheaply and much more expeditiously than one of the chain elevator sort.

In any case, great care should be taken to keep all machinery in good running order, and particular attention should be paid to keeping the cut box knives sharp and properly set.

Using Ensilage

The ensilage will of course always be taken from the top when it is being fed out. The surface should be kept as level as possible and in winter it will be found good practice to keep the surface a little lower around the wall than in the centre. This will largely prevent freezing to the walls or into the body of the ensilage. Frozen ensilage once it is thawed out, is, however, quite as good as any other.

Ensilage may be fed direct to cattle just as it comes from the silo, but a better plan is to add to the ensilage a considerable amount, say 10 or 15 lbs. of cut hay or chaffed straw to 100 lbs. ensilage. If floor space is available for the purpose, mixing sufficient cut hay or chaff and ensilage to last several days (3 or 4) will prove to be a very satisfactory method of preparing feed for cattle and a method that they would seem to approve. Any meal to be fed should be thrown on the mixture of straw and ensilage after it is in the manger. Stir the whole mass after sprinkling meal. An average cow will consume about 40 lbs. of such a mixture of ensilage and straw or hay a day.

Rations Including Corn Ensilage.

Corn silage and straw or chaff, while together making up a most excellent foundation or base, do not alone constitute a well-balanced or suitable ration for any class of live stock. For feeding heifers or young stock some bran and clover hay should be added. A suitable ration would be:—

For yearling heifers:—

Corn silage.	25 to 35 lbs.
Straw or chaff.	4 " 6 "
Clover hay.	4 lbs.
Bran.	2 "

For dry cow:—

Corn silage.	50 to 60 lbs.
Straw.	8 " 10 "
Clover hay.	4 lbs.
Bran.	1 to 2 lbs.

For cow in milk:—

Corn silage.	45 lbs.
Straw.	6 "
Clover hay.	4 to 6 lbs.

Meal mixture: bran, oats, gluten or oil-cake meal or cottonseed meal, equal parts. One pound meal to three or four pounds milk produced per diem.

For steers running over winter (1,000 pounds weight):—

Corn silage.	60 to 75 lbs.
Straw.	8 to 12 lbs.
Clover hay.	2 to 4 lbs.