

By Mr. Cochrane :

Q. There was a thought struck me in what you said about Brome grass. Did I understand from you that, if we had Brome grass, it would not do to sow peas with it, the roots would be so troublesome?

A. No, I didn't say that. I don't think that you would have very much trouble in doing that. If you wished to do so, you could certainly sow Brome grass with peas. Peas would not be a very good crop to sow grass with, because peas cover the ground so thickly that they would smother out much of the grass.

By Mr. Wilson :

Q. What is the smallest amount of seed from which you can get a good crop?

A. Do you mean here in this district?

Q. Yes, of timothy.

A. Well, about the best mixture was 12 pounds of timothy and 8 pounds of clover; but in favourable seasons less seed will answer. Clover is so apt to be winter-killed, that unless plenty of seed is sown, an occasional crop is sure to be lost. With the quantities I have mentioned we have never had a failure.

Q. Some people say 6 pounds is best.

A. Yes, that may be enough in some localities, and in certain seasons; but the mixture I have given you is the one which we have found from our experiments here to give the heaviest and surest crop.

By Mr. Calvert :

Q. A good deal depends on the land and the season?

A. Undoubtedly, and also, I think it depends largely on the amount of generosity which a man feels when he is buying seed. Plenty of people would sow more seed if they were wiser. One trouble we have among farmers in Canada is that they sow too little seed. If a man would spend a little more when buying his seed he would find it pay him well; a few cents saved in buying a pound or two less seed to the acre is very poor policy.

By Mr. Bell (Addington) :

Q. In your opinion the mixture should contain not less than 12 pounds timothy and 8 pounds clover?

A. That is my opinion.

Q. That is my opinion too.

A. We cannot sow less and get sure crops every year.

By Mr. Semple :

Q. It depends on the season, whether moist or dry?

A. Yes. We never had such clover in this country as we had two seasons ago. It was as high as my waist and as even as a billiard table. The condition of the soil also makes a difference. When the soil is moist every seed you put in will grow, both of timothy and clover. With all the conditions favourable, less seed is required to get a good catch. It is even possible, if the quantities I have given are exceeded, to sow too much seed, when the young plants crowd each other and do not develop properly.

PROPERTIES OF VARIOUS NATIVE GRASSES.

I will now draw your attention to this sample of native grass which closely resembles the Awnless or Smooth Brome grass, it is known as the Western Brome grass (*Bromus Pumpellianus*). It is common in the foot-hills of the West. It has given good satisfaction in some districts; but its usefulness is much more limited

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