

high nor very low where this is grown. There is one low part at the bottom and the land gradually slopes up to a higher level. The plot of this grass is about half way up, so that it will succeed very well on ordinary farm lands.

DROP-SEED GRASSES.

I now show you samples of two grasses which I think will be thought to be of considerable value when they are more cultivated. They both belong to the same family of grasses called the Drop-seed Grasses. They are very late in maturing; the hay is not ready for cutting till August, and a good succulent crop of hay in August is very valuable in many parts of the country. The hay is particularly heavy for its bulk, nutritious, and much relished by stock. The stems are rather harsh and woody at the base, but there is a sufficient quantity of good succulent rich grass at the top to render these grasses well worthy of cultivation. They are known by the names of Satin Grass and Wild Timothy. As can be seen from the sample I have here, the heads look something like timothy although the two grasses are not at all closely related.

FRINGED BROME AND HOOKER'S BROME.

I will now show you samples of two more kinds of the Brome grasses, one mentioned because it is not particularly valuable; the other because it is. I speak of the first one because it is an attractive looking grass and many farmers throughout the country who have become interested in grasses and were looking out for new grasses have almost invariably hit on this one and cultivated it to some extent. It grows three or four feet high and produces much seed; but I do not think it is as well worthy of cultivation as many others. The seeds very soon become hard. There is an enormous amount of seed and the weight of hay produced per acre is light for the amount of growth. It is called the Fringed Brome, and it is recommended by many writers on grasses; but is a grass I do not feel inclined to recommend.

On the other hand there is in British Columbia a wild grass growing in the coast range and on Vancouver Island, which produce a heavy crop of rich succulent grass. Although sometimes rather small this grass is well worth cultivating. It is a perennial grass and late in the season produces a heavy aftermath. This grass is of value because it gives a crop of green grass at a time of the year when most grasses are dried up. It is called Hooker's Brome grass and is very much like Schrader's Brome grass.

By Mr. Featherston:

Q. Have you grown that here?

A. Yes. This sample was grown here. It is not a very tall grass. It looks better tied up in a bundle in this way than it does when the plants are growing wild; it has rather a drooping habit, but we take the weights of each kind we grow and thus have learned that it produces a heavy crop. It is a grass that has been grown for a good many years by Mr. Duncan, of Duncan's, Vancouver Island, and he has a plot of it which he saves until later, when his other grasses have been fed off.

TALL OAT GRASS.

I have here a bundle of Tall Oat-grass, a grass which under the name of 'Fromental' has been grown to some extent in the Province of Quebec. I do not consider that it is a grass of any particular value either for cultivating alone or even for mixing with other grasses, because it is not a grass that produces a very heavy crop. Most writers who have referred to it state that it has a bitter principle. I have never been able to detect this myself; but it is claimed that this is one reason why it is so useful, because it acts as a tonic. It is rather a nice looking grass but we have other grasses much better, and I do not think it should be recommended for very extensive cultivation. In the autumn it throws up long leafy barren stems, that is without flowering heads, but bearing leaves all the way up the stem. A good point is that the seed is always abundant and can always be

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