If you have copies of the evidence given on March 14th, you will find the suggested barley grades on page 4 of those "Proceedings," starting with No. 1 Canada Western Six-Row Barley.

The sub-committee now submits amended definitions of grades as follows:—

> No. 1 Canada Western Six-Row Barley shall be composed of 95 per cent six-row barley of one variety or type, and equal in value for malting purposes to O.A.C. 21. It shall be sound, clean, practically free from other grain, plump, bright and weigh not less than 50 pounds to the bushel.

You will notice that we have raised the weight per bushel to 50 pounds. The reason for this is that at every place we visited one of the things mentioned by the buyers, manufacturers and feeders who had copies of the Act, "Here is your best barley, and it weighs only 45 pounds, while we are buying from the Danube barley that weighs 51 to 52," so that I think in all these grades we should endeavour to have the weight as high as we can and not exclude the good barley.

I may say that I have had the privilege of going over some of the inspection records at Winnipeg, and I found that the average weight of barley in the different grades from Winnipeg inspection records of cars shipped over the Canadian Pacific Railway lines from August 8, 1928, to September 20, 1928, are as follows:—

Range of weight of barley and average weight of barley in different grades from Winnipeg grain inspection records of cars shipped over Canadian Pacific Railway lines from August 8, 1928, to September 20, 1928:—

	No. of Cars	High	Low	Average
No. 3 CW	746	57	44	49.90
No. 4 CW	574	58	42	48.95
Reject	440	54	41	48.70
Feed	548	55	38	47.23
Barley and wild oats	82	51	39	44.85

It will be noted that No. 3 C.W. has an average weight of almost 50 pounds per bushel. Therefore there should be no hardship in making the minimum for the highest grade 50 pounds.

> No. 2 Canada Western Six-Row Barley shall be composed of 95 per cent six-row barley of one variety or type and equal in value for malting purposes to O.A.C. 21. It shall be sound, reasonably clean, reasonably free from other grains but not plump or bright enough to be graded No. 1, and shall weigh not less than 49 pounds to the bushel.

This is an increase again of one pound per bushel, which we believe can quite easily be made with clean barley.

> No. 3 Extra Canada Western Six-Row Barley shall be composed of 90 per cent six-row barley equal in value for malting purposes to O.A.C. 21. It shall be sound, reasonably clean, reasonably free from other grains, but may include weather stained and slightly shrunken barley and shall weigh not less than 48 pounds to the bushel.

There is 5 per cent of an increase in purity of type, because buyers of this barley in the Old Country do not want a mixture of Trebi with the O.A.C. No. 21 type. I do not think that will exclude very much barley as grown by the farmers. There may be some mixing in the country elevators, but if this regulation is in effect I do not think that will be a very serious thing, because it can be kept separate.

[Prof. T. J. Harrison.]