

Q. Can these grain buyers employed at your elevators take a handful of wheat out of a waggon and say whether it is Garnet or not?—A. They are doing that to an extent now regarding number 1. That is necessary. I have consulted with our elevator men, superintendents and others, who gave me their opinion on that from first-hand information and experience. If you have the time I will give you their set-up.

Q. I would like more data, and I have talked with some grain buyers that I know personally and they say that it is a matter of tremendous difficulty, and they think that only a very small proportion of the buyers in Western Canada can actually do that.

Mr. BROWN: I think Mr. Fraser could give us an opinion on that point.

The WITNESS: I have some information on that.

Mr. DAVIES: I would like to get this information at the present time. I value Mr. Fraser's opinion, but I would like to get this information from someone who represents the grain company.

The WITNESS: Of course, that is a problem that enters into this question. There is no doubt that it is going to continue as an elevator problem; it is not going to be minimized—the question of space, special binning and all that. However, it is necessary to-day for your elevator agents to be able to detect Garnet in order that it will not go into number 1 Marquis. I read from this memorandum:—

Undoubtedly the segregation of Garnet in grades other than 1 Hard and 1 Northern would result in some inconvenience, due to the necessity of keeping space for the additional grades. As far as actual grading by agents is concerned it appears to be the general opinion of those who have had any considerable amount of experience in handling or grading Garnet that it will not be particularly difficult to distinguish between Garnet and other varieties or to detect Garnet mixtures in other varieties or vice versa, but that it may sometimes be difficult to establish the actual percentage of one variety contained in the other, particularly where one or both of the varieties of a mixture are more or less degenerated. We have noted numerous samples in which Garnet was of normal size and colour. This is particularly true of samples coming from districts where much of the wheat is starchy and piebald. In such cases Garnet does not carry its usual colour and the kernels are often unusually plump so that it resembles Marquis or Reward.

We still think that it will be as difficult to distinguish Garnet from other Spring Wheat varieties as it is to draw the line between many of the existing grades of Spring Wheat, except in odd cases where the deliveries may consist of degenerated varieties of abnormally developed kernels.

We have consulted with our inspectors on this, because it is important, and they pretty well agree that it can be done. Of course, if it is not done that is the risk and loss of the elevator companies.

*By Mr. Brown:*

Q. Do you find any actual experience that your country elevator buyers lose their grades because they have failed to find Garnet in number 1?—A. We have had some experience.

Q. Is it general at all?—A. I would not be able to tell exactly to the extent.

*By Mr. Davies:*

Q. Is there any possibility that if Garnet were graded separately that the Garnet growers might find themselves in the position where elevators would not accept their wheat?—A. They could not do that if they had space and the grain was in a condition to be stored.