

red cedar, rather contrary to popular impressions, is superior.

As wood shrinks or expands, following changes in moisture content, much less radially than tangentially, the edge grained shingle is superior to the flat grained product which is subject to cupping and warping. The bulk of the shingles now made are edge grained. As the red cedar reaches much larger sizes than the white cedar it is possible that the edge grained shingles made from it are more likely to be strictly edge grained than those made from the smaller tree. However, I do not know how important this might be as I have not examined the shingles from that point of view.

There does not appear to be very much difference in merit between the two woods for shingle manufacture, but I should be inclined to give the preference to the red cedar.

It may be of interest to mention that a investigation on the fire retardant treatment of shingles is now in progress here. As you are no doubt aware the question of fire retardant treatment is quite a live one just now on account of the restrictions on the use of shingles due to fire hazard.

Yours very truly,  
W. KYNOCH,  
Superintendent.

Toronto, Nov. 24th, 1921.

I am in doubt if I understand the question aright, which you have raised in yours of 22nd. It would be hard in any event to make any comparison between Ontario and British Columbia Cedar.

If we are thinking of standing timber we must recognize that not alone are the size and quality of the two species entirely different, but the density of their stand is likewise dissimilar. The only way that I know to compare them is in respect to the

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