

of these the windbreak serves the double purpose of causing an even distribution of the protective snow cover and of sheltering the tender plants from the wind itself, once the snow has melted. The protection of all summer crops is important.

The protection of stock is a matter of no small importance in many of the western states, where there are large ranches with no more

adequate shelter for the cattle than that afforded by a grove of trees. Instances have been recorded where large herds of cattle have passed through a severe winter in the shelter of a cottonwood grove. Such a condition represents a low state of development in the economy of the stock business, but the usefulness of a windbreak for the protection of sheds and winter yards may always be considered.

CAN WHITE PINE DISEASE BE CONTROLLED ?

That the white pine, most valuable of American soft woods, can be saved, and not made extinct by the dreaded blister rust, was the consensus of opinion at the international blister rust conference in Albany, when experts from all parts of the country gathered to discuss means of stopping the spread of the infection. If proper care is taken to prevent its spread there is no reason why reforestation with white pine should be discontinued. Methods of treatment of the infected tree, but particularly of stopping the carrying of the spores to uninfected trees were discussed. Dr. L. H. Penning-

ton, head of the Forest Pathology Department of the New York State College of Forestry at Syracuse, told of important tests in the Essex county region, to determine the distance to which the disease could be carried, and he gave his opinion that the blister rust spores were able to carry the infection to a much lesser distance than has commonly been supposed, thus making the protection of uninfected stands of pine much simpler. He urged that the greatest care be taken, however, to completely eradicate the current and gooseberry bushes which participate in transmitting the pest within the danger zones.

THE PINES.

By Douglas Malloch, *The Lumberman Poet.*

Calm, unafraid, they face the storm,
The pines upon the hill,
The winter cold, the summer warm,
With an unaltered will;
And winds may blow
And waters flow
Or all the earth be still.

Their years are centuries, their lives
Span many lives of men;
And mortal fails or mortal thrives
Or mortal fails again,
But on the steep
Their watch they keep
O'er rock and rill and glen.

Would we might stand, as stand the kings
Upon the mountain side,
Above the level—little things,
Ambition, sorrow, pride;
Would we were these,
The giant trees
Whose souls have never died.

God give me strength to be a pine
And not to be a weed,
To lift my head and give no sign
However I may bleed—
To face the years,
To hide the tears,
To be a pine indeed.

SACRIFICE VIENNA FOREST

Paris, France.—The actual fuel shortage in Austria has resulted in mutilation of the famous Vienna forest by the desperate population, according to despatches from the Austrian capital. So many trees have been cut out that restoration of the forest is considered impossible, the despatch said. The government has been unable to restrain the people from obtaining fir wood from the forest.

BRITAIN'S PLANTING PROGRAMME.

According to official information received by the Canadian Forestry Association, the British Forestry Commission has now been appointed and the sum of three and a quarter million pounds sterling has been appropriated by the British Government for reforestation enterprises over a period of ten years. This allows approximately \$1,750,000 per annum. About 250,000 acres will be planted with forest trees.