

removed with little or no risk, but if a transplanted tree, such as is sold by nurseries, can be obtained, this will be by far the best.

It is always well to have variety, and if the trees are to be in line, this can be secured by having different shades, as the elm alternating with the basswood. If they are to be planted thick, arrange so that you can take the alternate ones out without irregularity. This will certainly be required in time, for you cannot get good shade trees if they are planted too thick. If the grounds are large it will be advisable to have clumps of trees. In this way they will grow better and look better, but care should be taken to mix the varieties in these clumps—little and big, standard and shrubby trees will grow well in this way that otherwise would not.

For hedges, the best thing is to plow or dig a furrow, and either put in small seedlings or seeds. In the case of willows cuttings will do, but they must be thick and they must be kept cut. The following are suitable for hedges:—Caragana, or Siberian Pea, the Wild Rose, the Artemisia, the Willow, the Thorn, the Elm and the Maple.

THE CLIMATE.

We must not be disappointed if we are not successful in meeting the requirements of the climate at first, but by the help of fellow workers and of the members of our society, we can learn what will suit our conditions. Much blame in the matter of trees dying is alleged against our severe winter. But this is not the principal cause of failure amongst forest trees. I believe it is the hot dry weather preceding a sharp spell of frost, especially in the early fall; the frost comes and checks the trees, then when the sap has gone down we get two or three weeks of warm and dry weather. There is at this time no sap in the bark to keep it soft so it practically dries out. I have watched this minutely and find that the same thing happens in the spring. Sap rises from as far down as the tree is thawed out, and if the weather is very warm exhausts itself, then dries up, and as soon as the root