

should be left unfenced. Hogs are known to be very destructive to both longleaf seed and young reproduction up to 8 to 12 years, and it is important to know just how serious a factor this is.

(2) The effect of repeated burnings upon reproduction. Two similar plots, one of which is burned annually and the other protected against fire should be used for this purpose. An object lesson of this sort along some well traveled road of adequate size (2 to 5 acres) will prove of great value in the future.

#### Artificial Reforestation

Because natural reproduction is very favorable under an effective system of fire protection, and because the general methods to use in planting or seeding are already pretty well known, it seems unnecessary to inaugurate any experiments in artificial reforestation.

A small amount of direct seeding by the Conservation Commission with shortleaf on the shortleaf hills and longleaf types, and with loblolly in the flat woods type would, however, be very instructive as a practical demonstration of what can be done along this line on denuded lands in northern Louisiana. The most open and denuded conditions should be sought for this purpose, and a few acres sown by the seed spot method in early spring, since there is no evidence of fall germination of either shortleaf or loblolly pine. Advice as to methods, amount of