

LA-CPA-33A
Tree and Shrub Seedling Planting Compliance Record

Instructions

I. General

- A. Use the "Tree and Shrub Seedlings Planting Compliance Record Form (LA-CPA-33A, Rev. 8-12, page 2) as the basis for approval or disapproval. Distribute copies as follows: Original – file in the landowner's case record folder, first copy – landowner.
- B. Plantings will be inspected at the start of the operation and at intervals necessary to ensure proper techniques. No planting operations will begin unless a representative of the Natural Resources Conservation Service is present.
- C. All planting operations will be inspected within 10 days of completion.
- D. Inspections of planting operations will consider proper seedling size and condition, proper handling of seedlings during the planting process and proper planting operations.

II. Procedures

- A. Plots: Establish the following number of 1/100 acre plots (radius 11 feet, 9.3 inches) well distributed, over the entire area. Refer to (LA-CPA-33A Rev. 8-12), page 1.

Field Size (Acres)	-	Plot (Number)
1 – 10	-	1 plot / acre
> 10	-	number of plots by Field size (Field acres) X .005 X 100 (Minimum of 10 plots)

- B. Tools: The tools required to check planting operations and survival are: A sharpshooter shovel, a chain (or rope) 11 feet, 9.3 inches long with a loop at one end capable of fitting over the shovel handle, and a clipboard.
- C. Planting Operations:

1. Count and record the number of seedlings in each plot.
2. Dig at least one seedling per plot, examine, record status in appropriate column and replant.
3. Calculations
 - a. $\frac{\text{Seedlings Sampled} \times 100}{\text{\# of Plots}} = \text{Seedlings Planted/Acre}$
 - b. $\frac{\text{Satisfactory Seedlings} \times 100}{\text{\# of Plots}} = \text{Seedlings Planted Satisfactorily/Acre}$
 - c. $\frac{\text{Seedlings Planted Satisfactorily} \times 100}{\text{Seedlings Sampled}} = \text{Percent Planted Satisfactorily}$
 - d. Planting operations will be considered as adequate if a minimum of 85% of the seedlings are planted satisfactorily.

D. Stocking

1. Final stocking rates will be determined by conducting a final count of both planted and naturally regenerated seedlings between late September and early December. Plantings will be considered as adequate if (1) the field is adequately stocked with acceptable seedlings species, and (2) the seedlings are well distributed over the field. Minimum stocking rates are:
 - a. 50% of the planned planting rate
 - b. Exception for CRP: Pine – Three hundred and fifty (350) seedlings per acre;
Hardwood – One hundred and fifty (150) seedlings per acre.
2. Stocking calculations
 - a. $\frac{\text{Live Planted}}{\text{Seedlings Sampled}} \times 100 = \text{Percent Survival}$
 - b. $\frac{\text{Live Planted} + \text{Naturals}}{\text{\# of Plots}} \times 100 = \text{Seedlings/acre (stocking)}$

