

Longleaf Artificial Regeneration Survey

USDA-NRCS & Longleaf Alliance
ALABAMA

Landowner _____ County _____ Tract/Field No. _____

Surveyor's name _____ Coordinates: _____ x _____

Species Planted: Longleaf pine Acres _____

Previous Land Use: circle one (Crop Field), (Pasture), or (Cutover)

Cutover **ONLY** - Site Preparation Method: circle one (Chemical) or (Mechanical)

Crop Field or Pasture **ONLY** – Site Prep Method: circle all that apply (Chemical broadcast) (Chemical band)

(Scalp) (Subsoil) (Burn) (Bush-hog)

Planting Date: Month and Year Planting Method (machine) or (hand)

Seedlings/Acre (Planned) _____ Spacing (Planned) _____

Was the site prep burn adequately completed? (yes–burned) (no)

Seedlings/Acre (Planted) _____ Correctly Planted Seedlings/Acre _____

Sampling Procedure

1/100 acre plot (11.77' radius)

No. of planted and living seedlings/ plot x 100 = no. of living seedlings/acre

Number of plots needed:	less than 10 acres	3 plots
	10 to 25 acres	5 plots
	over 25 acres	1 plot/5 ac. (No more than 30)

Plots should be representative of the area planted. (Transects or random samples)

Remarks: _____

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Post Planting - Evaluation Inspection

Plot No.	Total Number Longleaf Planted	Too deep or shallow	J or U rooted	Too Loose	Excessive Leaning >45	Cull Seedling	Planted Correctly
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
	Total number of planted seedlings =						
	Average planted correctly per acre =						

$$\text{Average planted correctly/Acre} = \frac{\text{Total \# of planted correctly}}{\text{no. of plots}}$$

1/100 acre circular plot = 11.77' radius