

PY 24 STATE FORESTRY FIELD DAY, 9/30/23

ORR SWAMP TREE FARM

FOREST EVALUATION SCORE SHEET

County _____

Total Score _____

I. SITE EVALUATION: Circle

(A) Soil Depth, (B) Slope Percent, (C) Aspect, and (D) Slope Position as they apply to the area.

A	Depth of Soil	Deep - 24" or more						Shallow - less than 24"					
		Rolling 0-20%		Steep 21-40%		Very Steep 41%+		Rolling 0-20%		Steep 21-40%		Very Steep 41%+	
C	Aspect	NE	SW	NE	SW	NE	SW	NE	SW	NE	SW	NE	SW
D	Slope Position												
	Bottom	I	II	I	II	I	II	I	II	I	III	II	III
	Lower 1/3	I	II	I	II	I	III	I	III	II	III	III	IV
	Middle 1/3	I	II	II	III	II	III	II	III	III	IV	IV	IV
	Upper 1/3	II	III	III	III	IV	IV	III	IV	III	IV	IV	IV

E. Forest Land Capability Class: Determine the proper class by drawing a line down from the **Aspect** circled and across from the **Slope Position** circled. The Roman numeral where these lines intersect indicates the class. **Circle the class below.**

I. Excellent II. Good

III. Fair

IV. Poor

Part I Score _____

25 POSSIBLE

II. FOREST STAND EVALUATION: (Check the correct answer in each section A-F).

A Grazing Damage

Grazed _____
Ungrazed X

B Fire

Unburned _____
Wildfire _____
Prescribed Fire X

C Size Distribution

may be more than 1 answer

Reproduction _____
Sapling X
Pole X
Sawtimber X

D Forest Type

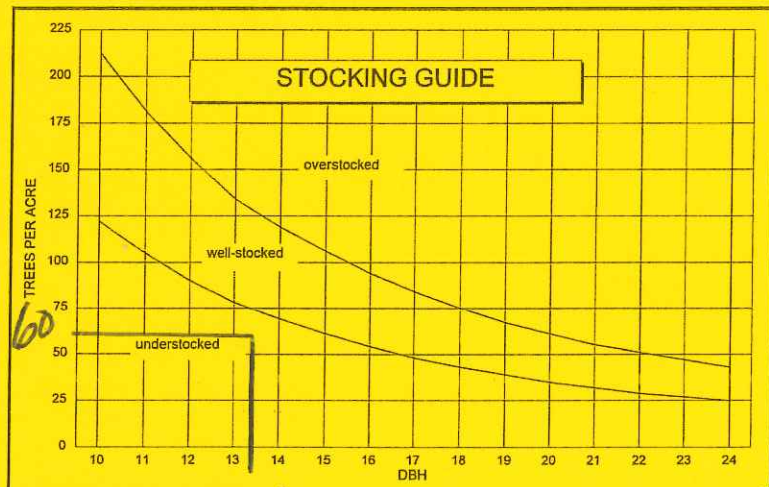
Pine _____
Oak - Pine X
Oak - Hickory _____
Cove Hardwoods _____
Bottomland _____
Hardwoods _____

E Stand Origin

Seeding _____
Sprout _____
Mixed _____
Plantation X

F Stocking

Under stocked X
Over Stocked _____
Well Stocked _____



Part II Score _____

25 POSSIBLE

1 Point for each space - 22 PTS, 3 PTS GIVEN

III. FOREST INVENTORY

Plot Size=1/10 Acre

Tree #	Tree Species	Crown Class	DBH	Height in 16" logs	Board-foot Volumn	Tree Value
1	loblolly pine	C	14	2.5	153	47.28
2	loblolly pine	C	14	3.5	187	57.78
3	southern red oak	S	10	1	36	11.12
Total Board Foot Volumn and Tree Value in Plot					376	116.18
Per Acre Value					3760	1161.84

Crown Class: D = dominant, C = co-dominant,
I = intermediate, and S = suppressed

25 POSSIBLE
Part III Score

IV. PRACTICES RECOMMENDED: (Mark those practices you recommend.)

1. Which species (1 or more) would you favor on this site? LOBLOLLY PINE
- ☒ 2. Protect the area from wildfire. Report any fire to the state forestry agency.
- ☐ 3. Clearcut the stand and plant with a desirable species.
- ☒ 4. Conduct a shelterwood or seed-tree harvest.
- ☒ 5. Use Best Management Practices such as seeding landings and haul roads, installing waterbars to prevent erosion, leaving buffer strips along streams, minimizing stream crossings, and abiding by the Sustainable Forestry Guidelines.
- ☐ 6. Manage stand for non-timber forest products.
- ☒ 7. Conduct a selection harvest.
- ☒ 8. Manage stand for wildlife habitat improvement.
- ☐ 9. Stand is not yet merchantable, leave alone to grow.
- ☒ 10. Conduct a prescribed burn.
- ☐ 11. Clearcut the stand and allow for natural regeneration.
- ☒ 12. Manage stand for recreational opportunities.
- ☐ 13. Conduct a salvage or sanitation cutting.
- ☐ 14. Conduct a thinning.
- ☒ 15. Develop a written management plan.

25 POSSIBLE POINTS
Part IV Score