

Table 6.--Woodland Management and Productivity

(Only the soils suitable for production of commercial trees are listed. Absence of an entry indicates that information was not available)

Soil name and map symbol	Ordination symbol	Management concerns				Potential productivity				Trees to plant
		Erosion hazard	Equipment limitation	Seedling mortality	Windthrow hazard	Common trees	Site index	Productivity class*		
AmA----- Amagon	8W	Slight	Moderate	Moderate	Severe	Cherrybark oak----- Eastern cottonwood-- Water oak----- Willow oak----- Nuttall oak----- Green ash-----	90 100 100 100 100 80	8 --- --- --- --- ---	Cherrybark oak, eastern cottonwood, water oak, willow oak, Nuttall oak, Shumard oak.	
AsB----- Askew	8W	Slight	Slight	Slight	Moderate	Cherrybark oak----- Eastern cottonwood-- Water oak----- Willow oak----- Nuttall oak----- Sweetgum-----	90 100 90 90 90 90	8 --- --- --- --- ---	Cherrybark oak, water oak, Nuttall oak.	
BsA, BsB, BsC--- Bosket	9A	Slight	Slight	Slight	Slight	Cherrybark oak----- Eastern cottonwood-- Green ash----- Sweetgum----- Water oak----- Willow oak-----	95 100 80 90 90 90	9 --- --- --- --- ---	Cherrybark oak, eastern cottonwood, sweetgum, shortleaf pine.	
BuC----- Bulltown	9S	Slight	Moderate	Moderate	Slight	Eastern cottonwood-- Cherrybark oak----- Nuttall oak-----	100 90 90	9 --- ---	Eastern cottonwood, cherrybark oak, shortleaf pine.	
CaA----- Calhoun	8W	Slight	Moderate	Moderate	Severe	Cherrybark oak----- Loblolly pine----- Shortleaf pine----- Sweetgum----- Willow oak----- Water oak-----	90 85 84 --- 80 80	8 8 --- --- --- ---	Loblolly pine, water oak, green ash.	
ClA, ClB----- Calloway	8W	Slight	Moderate	Slight	Moderate	Cherrybark oak----- Shortleaf pine----- Sweetgum----- Water oak-----	90 70 80 80	8 --- --- ---	Sweetgum, loblolly pine.	
DbA, DbB, DbC--- Dubbs	10A	Slight	Slight	Slight	Slight	Cherrybark oak----- Eastern cottonwood-- Green ash----- Nuttall oak----- Shumard oak----- Sweetgum----- Water oak----- Willow oak-----	100 100 80 95 100 95 90 95	10 --- --- --- --- --- --- ---	Eastern cottonwood, green ash, Nuttall oak, sweetgum, American sycamore, yellow-poplar.	
DuA----- Dundee	8W	Slight	Moderate	Slight	Moderate	Cherrybark oak----- Eastern cottonwood-- Sweetgum----- Water oak-----	90 100 100 95	8 --- --- ---	Cherrybark oak, eastern cottonwood, sweetgum, water oak, yellow-poplar.	

See footnote at end of table.

Table 6.--Woodland Management and Productivity--Continued

Soil name and map symbol	Ordina- tion symbol	Management concerns				Potential productivity				Trees to plant
		Erosion hazard	Equip- ment limita- tion	Seedling mortal- ity	Wind- throw hazard	Common trees	Site index	Produc- tivity class*		
FbA**:										
Foley-----	6W	Slight	Moderate	Severe	Severe	Cherrybark oak----- Water oak----- Sweetgum-----	80 80 80	6 --- ---	Sweetgum, water oak, cherrybark oak.	
Bonn-----	3T	Slight	Moderate	Severe	Severe	Eastern redcedar--- Sweetgum----- Water oak----- Post oak-----	40 97 95 55	3 --- --- ---	Sweetgum, water oak, eastern redcedar.	
FdA----- Forestdale	8W	Slight	Moderate	Severe	Severe	Cherrybark oak----- Eastern cottonwood-- Green ash----- Nuttall oak----- Water oak----- Willow oak----- Sweetgum-----	90 100 78 99 90 94 100	8 --- --- --- --- --- ---	Eastern cottonwood, green ash, Nuttall oak, sweetgum, American sycamore.	
GrB, GrC----- Grenada	8W	Slight	Slight	Slight	Moderate	Cherrybark oak----- Loblolly pine----- Southern red oak--- Shortleaf pine----- Sweetgum-----	90 85 80 75 80	8 8 --- --- ---	Water oak, Shumard oak, cherrybark oak, loblolly pine, white oak, shortleaf pine, sweetgum.	
GuB, GuC----- Grubbs	8W	Slight	Slight	Slight	Severe	Cherrybark oak----- Willow oak----- Sweetgum-----	90 80 80	8 --- ---	Nuttall oak, cherrybark oak, water oak, willow oak.	
HeA----- Henry	8W	Slight	Moderate	Severe	Severe	Cherrybark oak----- Sweetgum----- Willow oak----- Water oak-----	90 80 80 80	8 --- --- ---	Shumard oak, water oak, loblolly pine, sweetgum.	
HmA, HmB----- Hillemann	8W	Slight	Moderate	Moderate	Moderate	Cherrybark oak----- Sweetgum----- Water oak-----	90 85 80	8 6 ---	Sweetgum, loblolly pine, water oak, willow oak.	
JpA----- Jackport	8W	Slight	Moderate	Severe	Severe	Cherrybark oak----- Green ash----- Water oak----- Willow oak----- Sweetgum-----	90 80 90 90 90	8 --- --- --- ---	Cherrybark oak, willow oak, eastern cottonwood, Nuttall oak.	
KbA----- Kobel	7W	Slight	Moderate	Moderate	Severe	Cherrybark oak----- Green ash----- Eastern cottonwood-- Sweetgum----- Water oak----- Pecan----- American sycamore---	85 100 90 90 90 --- ---	7 --- --- --- --- --- ---	Eastern cottonwood, American sycamore, cherrybark oak, water oak.	

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Table 6.--Woodland Management and Productivity--Continued

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		Erosion hazard	Equip- ment limita- tion	Seedling mortal- ity	Wind- throw hazard	Common trees	Site index	Produc- tivity class*		
KLA----- Kobel	6W	Slight	Moderate	Severe	Severe	Cherrybark oak----- Green ash----- Eastern cottonwood-- Water oak----- Water hickory-----	80 75 90 80 ---	6 --- --- --- ---	Eastern cottonwood, cherrybark oak, green ash, water oak.	
KoA----- Kobel	3W	Slight	Moderate	Severe	Severe	Baldcypress----- Water tupelo----- Water hickory----- Green ash-----	70 --- --- ---	3 --- --- ---	Baldcypress, green ash, water tupelo.	
LfA----- Lafe	2T	Slight	Moderate	Severe	Severe	Post oak----- Water oak-----	45 45	2 ---	Post oak, water oak, eastern redcedar.	
McA----- McCrocy	6W	Slight	Moderate	Severe	Severe	Water oak----- Sweetgum----- Willow oak-----	85 85 75	6 --- ---	Sweetgum, water oak, willow oak.	
OaB----- Oaklimeter	10W	Slight	Slight	Moderate	Moderate	Cherrybark oak----- Eastern cottonwood-- Green ash----- Loblolly pine----- Nuttall oak----- Willow oak----- Sweetgum-----	100 100 90 90 100 100 100	10 --- --- --- --- --- ---	Cherrybark oak, eastern cottonwood, loblolly pine, Nuttall oak, sweetgum, water oak, yellow-poplar.	
OvA----- Overcup	8W	Slight	Moderate	Severe	Severe	Cherrybark oak----- Green ash----- Water oak----- Willow oak----- Sweetgum-----	90 80 90 90 90	8 --- --- --- ---	Cherrybark oak, Nuttall oak, willow oak.	
PaB----- Patterson	9W	Slight	Moderate	Moderate	Moderate	Cherrybark oak----- Green ash----- Nuttall oak----- Water oak----- Willow oak----- Sweetgum-----	95 70 85 85 90 90	9 --- --- --- --- ---	Cherrybark oak, Nuttall oak, water oak, willow oak, sweetgum.	
TaB----- Taylorbay	10A	Slight	Slight	Slight	Slight	Cherrybark oak----- White oak----- Southern red oak---- Loblolly pine----- Black walnut-----	100 80 80 90 ---	10 --- --- --- ---	Cherrybark oak, black walnut, loblolly pine.	
TbB----- Taylorbay	10W	Slight	Slight	Severe	Slight	Cherrybark oak----- White oak----- Southern red oak---- Loblolly pine----- Black walnut-----	100 80 80 90 ---	10 --- --- --- ---	Cherrybark oak, black walnut, loblolly pine.	

See footnote at end of table.

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		Erosion hazard	Equip- ment limita- tion	Seedling mortal- ity	Wind- throw hazard	Common trees	Site index	Produc- tivity class*		
TcA----- Tichnor	10W	Slight	Moderate	Severe	Severe	Cherrybark oak----- Nuttall oak----- Sweetgum----- Eastern cottonwood--	96 100 100 106	10 --- --- ---	Cherrybark oak, Nuttall oak, eastern cottonwood, water oak.	
TiB----- Tipp	9W	Slight	Slight	Slight	Moderate	Cherrybark oak----- Loblolly pine----- Southern red oak---- Water oak	95 90 80 90	9 9 --- ---	Black walnut, loblolly pine.	
TpB----- Tipp	9W8	Slight	Slight	Severe	Moderate	Cherrybark oak----- Loblolly pine----- Southern red oak---- Water oak-----	95 90 80 90	9 9 --- ---	Black walnut, loblolly pine.	
TrA----- Tuckerman	6W	Slight	Moderate	Severe	Severe	Water oak----- Green ash----- Eastern cottonwood-- Nuttall oak----- Willow oak----- Sweetgum-----	90 100 95 95 95 ---	6 --- --- --- --- ---	Eastern cottonwood, sweetgum, cherrybark oak, Nuttall oak, water oak, willow oak.	
TuA----- Tuckerman	6W	Slight	Moderate	Severe	Severe	Water oak----- Green ash----- Overcup oak----- Nuttall oak----- Willow oak-----	90 90 90 90 90	6 --- --- --- ---	Water oak, willow oak, eastern cottonwood, Nuttall oak.	
WvA, WvB, WvC--- Wiville	9A	Slight	Slight	Slight	Slight	Cherrybark oak----- Eastern cottonwood-- Green ash----- Sweetgum-----	95 100 80 90	9 --- --- ---	Cherrybark oak, eastern cottonwood, shortleaf pine.	
YaB----- Yancopin	8W	Slight	Moderate	Moderate	Moderate	Cherrybark oak----- Green ash----- Nuttall oak----- Water oak----- Pecan----- Eastern cottonwood-- Willow oak-----	90 100 90 110 --- --- ---	8 --- --- --- --- --- ---	Cherrybark oak, pecan, Shumard oak, water oak.	
YpB----- Yancopin	8W	Slight	Moderate	Severe	Moderate	Cherrybark oak----- Green ash----- Nuttall oak----- Water oak----- Pecan----- Eastern cottonwood-- Willow oak-----	90 100 90 110 --- --- ---	8 --- --- --- --- --- ---	Cherrybark oak, pecan, Shumard oak, water oak.	

\* Productivity class is the yield in cubic meters per hectare per year calculated at the age of culmination of mean annual increment for fully stocked natural stands.

\*\* See description of the map unit for composition and behavior characteristics of the map unit.