

WOODLAND MANAGEMENT AND PRODUCTIVITY
 Madison Parish, Louisiana: Detailed Soil Map Legend

(Only the soils suitable for production of commercial trees are listed)

Map symbol and soil name	Ordination symbol	Management concerns					Potential productivity						
		Erosion hazard	Equipment limitation	Seedling mortality	Wind-throw hazard	Plant competition	Common trees	Site index	Volume of wood fiber	Suggested trees to plant			
Ba: BRUIN-----	10A	Slight	Slight	Slight	---	---	American elm----- American sycamore--- eastern cottonwood-- green ash----- pecan----- sugarberry----- sweetgum----- water oak-----	---	---	105 ---	10 ---	American sycamore, eastern cottonwood, sweetgum	
BC: BRUIN-----	9W	Slight	Moderate	Moderate	---	Severe	American sycamore--- eastern cottonwood-- green ash----- sugarberry----- water oak-----	---	---	---	9 ---	eastern cottonwood	
COMMERCE-----	12W	Slight	Moderate	Severe	Slight	Moderate	Nuttall oak----- eastern cottonwood-- overcup oak----- sugarberry----- water hickory-----	---	---	113 ---	12 ---	American sycamore, eastern cottonwood	
Cm: COMMERCE-----	13W	Slight	Moderate	Slight	Slight	Moderate	American sycamore--- Nuttall oak----- eastern cottonwood-- green ash----- pecan----- water oak----- willow oak-----	---	---	90 120 120 ---	---	13 13 8 ---	American sycamore, eastern cottonwood
Cn: COMMERCE-----	13W	Slight	Moderate	Slight	Slight	Moderate	American sycamore--- Nuttall oak----- eastern cottonwood-- green ash----- pecan----- water oak----- willow oak-----	---	---	90 120 120 ---	---	13 13 8 ---	American sycamore, eastern cottonwood
Co: COMMERCE-----	13W	Slight	Moderate	Slight	Slight	Moderate	American sycamore--- Nuttall oak----- eastern cottonwood-- green ash----- pecan----- water oak----- willow oak-----	---	---	90 120 120 ---	---	13 13 8 ---	American sycamore, eastern cottonwood
Cr: CREVASSE-----	7W	Slight	Moderate	Severe	Slight	Slight	sweetgum----- white oak-----	90 100	7 5	---	---	---	
Dd: DUNDEE-----	12W	Slight	Moderate	Slight	Slight	Moderate	cherrybark oak----- eastern cottonwood-- sweetgum----- water oak-----	105 100 100 95	12 9 10 6	---	---	cherrybark oak, eastern cottonwood, sweetgum, tuliptree, water oak	
De: DUNDEE-----	12W	Slight	Moderate	Slight	Slight	Moderate	cherrybark oak----- eastern cottonwood-- sweetgum----- water oak-----	105 100 100 95	12 9 10 6	---	---	cherrybark oak, eastern cottonwood, sweetgum, tuliptree, water oak	

WOODLAND MANAGEMENT AND PRODUCTIVITY--Continued
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Map symbol and soil name	Ordi-nation symbol	Management concerns					Potential productivity			Suggested trees to plant
		Erosion hazard	Equip-ment limita-tion	Seedling mortal-ity	Wind-throw hazard	Plant competi-tion	Common trees	Site index	Volume of wood fiber	
m3/ha										
Ds: DUNDEE-----	12W	Slight	Moderate	Slight	Slight	Moderate	cherrybark oak----- eastern cottonwood-- sweetgum----- water oak-----	105 100 100 95	12 9 10 6	cherrybark oak, eastern cottonwood, sweetgum, tuliptree, water oak
SHARKEY-----	7W	Slight	Severe	Moderate	Moderate	Severe	Nuttall oak----- cedar elm----- green ash----- sugarberry----- sweetgum----- water oak----- willow oak-----	90 --- --- --- 90 90 100	--- --- --- --- 7 6 7	Nuttall oak, green ash, sweetgum
Sa: SHARKEY-----	7W	Slight	Severe	Moderate	Moderate	Severe	Nuttall oak----- cedar elm----- green ash----- sugarberry----- sweetgum----- water oak----- willow oak-----	90 --- --- --- 90 90 100	--- --- --- --- 7 6 7	Nuttall oak, green ash, sweetgum
Sb: SHARKEY-----	7W	Slight	Severe	Moderate	Moderate	Severe	Nuttall oak----- cedar elm----- green ash----- sugarberry----- sweetgum----- water oak----- willow oak-----	90 --- --- --- 90 90 100	--- --- --- --- 7 6 7	Nuttall oak, green ash, sweetgum
Sc: SHARKEY-----	7W	Slight	Severe	Moderate	Moderate	Severe	Nuttall oak----- cedar elm----- green ash----- sugarberry----- sweetgum----- water oak----- willow oak-----	90 --- --- --- 90 90 100	--- --- --- --- 7 6 7	Nuttall oak, green ash, sweetgum
Sd: SHARKEY-----	7W	Slight	Severe	Moderate	Moderate	Severe	Nuttall oak----- cedar elm----- green ash----- sugarberry----- sweetgum----- water oak----- willow oak-----	90 --- --- --- 90 90 100	--- --- --- --- 7 6 7	Nuttall oak, green ash, sweetgum
Sf: SHARKEY-----	4W	Slight	Severe	Severe	Moderate	Moderate	baldcypress----- black willow----- green ash----- overcup oak----- sugarberry----- water hickory----- water tupelo-----	--- --- 90 96 --- --- ---	--- --- 4 --- --- --- ---	baldcypress, green ash
SS: SHARKEY-----	4W	Slight	Severe	Severe	Moderate	Moderate	baldcypress----- black willow----- green ash----- overcup oak----- sugarberry----- water hickory-----	--- --- 90 96 --- ---	--- --- 4 --- --- ---	baldcypress, green ash
St: SHARKEY-----	7W	Slight	Severe	Moderate	Moderate	Severe	Nuttall oak-----	90	---	Nuttall oak,

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		Erosion hazard	Equip-ment limita-tion	Seedling mortal-ity	Wind-throw hazard	Plant competi-tion	Common trees	Site index	Volume of wood fiber	
							cedar elm-----	---	m3/ha	green ash, sweetgum
							green ash-----	---		
							sugarberry-----	---		
							sweetgum-----	90	7	
							water oak-----	90	6	
							willow oak-----	100	7	
TUNICA-----	8W	Slight	Moderate	Moderate	Slight	Moderate	Nuttall oak-----	105	---	American sycamore, Nuttall oak, cherrybark oak, eastern cottonwood, green ash, sweetgum
							cherrybark oak-----	90	8	
							eastern cottonwood--	105	10	
							green ash-----	100	4	
							sweetgum-----	90	7	
SU: SHARKEY-----	4W	Slight	Severe	Severe	Moderate	Moderate	baldcypress-----	---	---	baldcypress, green ash
							black willow-----	---	---	
							green ash-----	90	4	
							overcup oak-----	96	---	
							sugarberry-----	---	---	
							water hickory-----	---	---	
							water tupelo-----	---	---	
TUNICA-----	10W	Slight	Severe	Severe	Slight	Moderate	Nuttall oak-----	---	---	baldcypress, eastern cottonwood
							eastern cottonwood--	105	10	
							green ash-----	---	---	
							overcup oak-----	---	---	
							sugarberry-----	100	4	
							water hickory-----	---	---	
Ta: TENSAS-----	4W	Slight	Severe	Moderate	Moderate	Moderate	Nuttall oak-----	---	---	Nuttall oak, green ash, water oak
							cedar elm-----	---	---	
							green ash-----	80	4	
							honeylocust-----	---	---	
							sweetgum-----	100	10	
							water oak-----	95	6	
							willow oak-----	---	---	
Ts: TENSAS-----	4W	Slight	Severe	Moderate	Moderate	Moderate	Nuttall oak-----	---	---	Nuttall oak, green ash, water oak
							cedar elm-----	---	---	
							green ash-----	80	4	
							honeylocust-----	---	---	
							sweetgum-----	100	10	
							water oak-----	95	6	
							willow oak-----	---	---	
SHARKEY-----	7W	Slight	Severe	Moderate	Moderate	Severe	Nuttall oak-----	90	---	Nuttall oak, green ash, sweetgum
							cedar elm-----	---	---	
							green ash-----	---	---	
							sugarberry-----	---	---	
							sweetgum-----	90	7	
							water oak-----	90	6	
							willow oak-----	100	7	
Tu: TUNICA-----	8W	Slight	Moderate	Moderate	Slight	Moderate	Nuttall oak-----	105	---	American sycamore, Nuttall oak, cherrybark oak, eastern cottonwood, green ash, sweetgum
							cherrybark oak-----	90	8	
							eastern cottonwood--	105	10	
							green ash-----	100	4	
							sweetgum-----	90	7	
Ud: UDIFLUVENTS-----	---	---	---	---	---	---	-----	---	---	---
Us: UDIPSAMMENTS-----	---	---	---	---	---	---	-----	---	---	---