

Table FOR-3.--Forestland Management

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Map symbol and soil name	Pct. of map unit	Suitability for hand planting		Suitability for mechanical planting		Potential for seedling mortality	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
GaB: Gallia-----	100	Moderately suited Rock fragments	0.02 0.02	Well suited	0.00	Low	0.00
GaC: Gallia-----	100	Moderately suited Rock fragments	0.02 0.02	Moderately suited Slope	0.20 0.20	Low	0.00
G1C: Gilpin-----	100	Moderately suited Rock fragments	0.24 0.24	Moderately suited Slope Rock fragments	0.35 0.35 0.13	Low	0.00
G1D: Gilpin-----	100	Moderately suited Rock fragments Slope limitation	0.24 0.24 0.19	Poorly suited Slope Rock fragments	0.75 0.75 0.13	Low	0.00
G1D3: Gilpin-----	100	Moderately suited Rock fragments Slope limitation	0.24 0.24 0.19	Poorly suited Slope Rock fragments	0.75 0.75 0.13	Low	0.00
G1E: Gilpin-----	100	Moderately suited Steep Rock fragments	0.56 0.56 0.24	Unsuited Slope Rock fragments	1.00 1.00 0.13	Low	0.00
G1F: Gilpin-----	100	Moderately suited Steep Rock fragments	0.75 0.75 0.24	Unsuited Slope Rock fragments	1.00 1.00 0.13	Low	0.00
GuE: Gilpin-----	40	Moderately suited Steep Rock fragments	0.56 0.56 0.24	Unsuited Slope Rock fragments	1.00 1.00 0.13	Low	0.00
Upshur-----	35	Moderately suited Stickiness Steep Rock fragments	0.75 0.75 0.56 0.01	Unsuited Slope Stickiness	1.00 1.00 0.75	Low	0.00
Other Soils-----	25	Unsuited Horizon table contains no data Steep	1.00 1.00 0.75	Unsuited Horizon table contains no data	1.00 1.00	High	1.00 1.00 1.00

Table FOR-3.--Forestland Management--Continued

Map symbol and soil name	Pct. of map unit	Suitability for hand planting		Suitability for mechanical planting		Potential for seedling mortality	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
GuE3: Gilpin-----	40	Moderately suited	0.56	Unsuited	1.00	Low	0.00
		Steep	0.56	Slope	1.00		
GuE3: Upshur-----	35	Rock fragments	0.24	Rock fragments	0.13		
		Moderately suited	0.75	Unsuited	1.00	Low	0.00
		Stickiness	0.75	Slope	1.00		
		Steep	0.56	Stickiness	0.75		
		Rock fragments	0.01				
Other Soils-----	25	Unsuited	1.00	Unsuited	1.00	High	1.00
		Horizon table	1.00	Horizon table	1.00	Horizon table	1.00
		contains no data		contains no data		contains no data	
		Steep	0.75			Soil reaction	1.00
GuF: Gilpin-----	40	Moderately suited	0.75	Unsuited	1.00	Low	0.00
		Steep	0.75	Slope	1.00		
		Rock fragments	0.24	Rock fragments	0.13		
Other Soils-----	30	Unsuited	1.00	Unsuited	1.00	High	1.00
		Horizon table	1.00	Horizon table	1.00	Horizon table	1.00
		contains no data		contains no data		contains no data	
		Steep	0.75			Soil reaction	1.00
Upshur-----	30	Moderately suited	0.75	Unsuited	1.00	Low	0.00
		Steep	0.75	Slope	1.00		
		Stickiness	0.75	Stickiness	0.75		
		Rock fragments	0.01				
GuF3: Gilpin-----	40	Moderately suited	0.75	Unsuited	1.00	Low	0.00
		Steep	0.75	Slope	1.00		
		Rock fragments	0.24	Rock fragments	0.13		
Other Soils-----	30	Unsuited	1.00	Unsuited	1.00	High	1.00
		Horizon table	1.00	Horizon table	1.00	Horizon table	1.00
		contains no data		contains no data		contains no data	
		Steep	0.75			Soil reaction	1.00
Upshur-----	30	Moderately suited	0.75	Unsuited	1.00	Low	0.00
		Steep	0.75	Slope	1.00		
		Stickiness	0.75	Stickiness	0.75		
		Rock fragments	0.01				
GvF: Gilpin-----	40	Moderately suited	0.75	Unsuited	1.00	Low	0.00
		Steep	0.75	Slope	1.00		
		Rock fragments	0.35	Rock fragments	0.33		
Other Soils-----	30	Unsuited	1.00	Unsuited	1.00	High	1.00
		Horizon table	1.00	Horizon table	1.00	Horizon table	1.00
		contains no data		contains no data		contains no data	
		Steep	0.75			Soil reaction	1.00

Table FOR-3.--Forestland Management--Continued

Map symbol and soil name	Pct. of map unit	Suitability for hand planting		Suitability for mechanical planting		Potential for seedling mortality	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Upshur-----	30	Moderately suited	0.75	Unsuited	1.00	Low	0.00
		Steep	0.75	Slope	1.00		
		Stickiness	0.75	Stickiness	0.75		
		Rock fragments	0.16	Rock fragments	0.10		
HaA: Hackers-----	95	Moderately suited	0.01	Well suited	0.00	Low	0.00
HaA:		Rock fragments	0.01				
Melvin-----	5	Unsuited	1.00	Unsuited	1.00	High	1.00
		Horizon table	1.00	Horizon table	1.00	Horizon table	1.00
		contains no data		contains no data		contains no data	
		Steep	0.75			Soil reaction	1.00
HaB: Hackers-----	100	Moderately suited	0.01	Moderately suited	0.05	Low	0.00
		Rock fragments	0.01	Slope	0.05		
Me: Melvin-----	100	Moderately suited	0.01	Well suited	0.00	High	1.00
		Rock fragments	0.01			Wetness	1.00
MnB: Monongahela-----	50	Moderately suited	0.14	Moderately suited	0.05	Low	0.00
		Rock fragments	0.14	Slope	0.05		
Tilsit-----	30	Moderately suited	0.02	Moderately suited	0.05	Low	0.00
		Rock fragments	0.02	Slope	0.05		
Other Soils-----	15	Unsuited	1.00	Unsuited	1.00	High	1.00
		Horizon table	1.00	Horizon table	1.00	Horizon table	1.00
		contains no data		contains no data		contains no data	
		Steep	0.75			Soil reaction	1.00
Robertsville-----	5	Unsuited	1.00	Unsuited	1.00	High	1.00
		Horizon table	1.00	Horizon table	1.00	Horizon table	1.00
		contains no data		contains no data		contains no data	
		Steep	0.75			Soil reaction	1.00
MnC: Monongahela-----	50	Moderately suited	0.14	Moderately suited	0.35	Low	0.00
		Rock fragments	0.14	Slope	0.35		
Tilsit-----	30	Moderately suited	0.02	Moderately suited	0.35	Low	0.00
		Rock fragments	0.02	Slope	0.35		
Other Soils-----	20	Unsuited	1.00	Unsuited	1.00	High	1.00
		Horizon table	1.00	Horizon table	1.00	Horizon table	1.00
		contains no data		contains no data		contains no data	
		Steep	0.75			Soil reaction	1.00
MnC3: Monongahela-----	50	Moderately suited	0.14	Moderately suited	0.35	Low	0.00
		Rock fragments	0.14	Slope	0.35		

Table FOR-3.--Forestland Management--Continued

Map symbol and soil name	Pct. of map unit	Suitability for hand planting		Suitability for mechanical planting		Potential for seedling mortality	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Tilsit-----	30	Moderately suited Rock fragments	0.02 0.02	Moderately suited Slope	0.35 0.35	Low	0.00
Other Soils-----	20	Unsuited Horizon table contains no data Steep	1.00 1.00 0.75	Unsuited Horizon table contains no data	1.00 1.00	High Horizon table contains no data Soil reaction	1.00 1.00 1.00
Mo: Moshannon-----	95	Moderately suited Rock fragments	0.01 0.01	Well suited	0.00	Low	0.00
Melvin-----	5	Unsuited Horizon table contains no data Steep	1.00 1.00 0.75	Unsuited Horizon table contains no data	1.00 1.00	High Horizon table contains no data Soil reaction	1.00 1.00 1.00
Se: Senecaville-----	95	Moderately suited Rock fragments	0.02 0.02	Well suited	0.00	Low	0.00
Melvin-----	5	Unsuited Horizon table contains no data Steep	1.00 1.00 0.75	Unsuited Horizon table contains no data	1.00 1.00	High Horizon table contains no data Soil reaction	1.00 1.00 1.00
Sn: Sensabaugh-----	95	Moderately suited Rock fragments	0.19 0.19	Moderately suited Rock fragments	0.04 0.04	Low	0.00
Melvin-----	5	Unsuited Horizon table contains no data Steep	1.00 1.00 0.75	Unsuited Horizon table contains no data	1.00 1.00	High Horizon table contains no data Soil reaction	1.00 1.00 1.00
Ua: Udorthents-----	100	Unsuited Horizon table contains no data Steep	1.00 1.00 0.75	Unsuited Horizon table contains no data	1.00 1.00	High Horizon table contains no data Soil reaction	1.00 1.00 1.00
UbB: Upshur-----	100	Moderately suited Stickiness Rock fragments	0.75 0.75 0.01	Poorly suited Stickiness Slope	0.75 0.75 0.05	Low	0.00
UbC: Upshur-----	100	Moderately suited Stickiness Rock fragments	0.75 0.75 0.01	Poorly suited Stickiness Slope	0.75 0.75 0.35	Low	0.00
UbD: Upshur-----	100	Moderately suited Stickiness Slope limitation Rock fragments	0.75 0.75 0.19 0.01	Poorly suited Stickiness Slope	0.75 0.75 0.75	Low	0.00

Table FOR-3.--Forestland Management--Continued

Map symbol and soil name	Pct. of map unit	Suitability for hand planting		Suitability for mechanical planting		Potential for seedling mortality	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
UcC3:							
Upshur-----	100	Moderately suited	0.75	Poorly suited	0.75	Low	0.00
		Stickiness	0.75	Stickiness	0.75		
		Rock fragments	0.01	Slope	0.35		
UcD3:							
Upshur-----	100	Moderately suited	0.75	Poorly suited	0.75	Low	0.00
		Stickiness	0.75	Stickiness	0.75		
		Slope limitation	0.19	Slope	0.75		
		Rock fragments	0.01				
UgB:							
Upshur-----	45	Moderately suited	0.75	Poorly suited	0.75	Low	0.00
		Stickiness	0.75	Stickiness	0.75		
		Rock fragments	0.01	Slope	0.05		
Gilpin-----	35	Moderately suited	0.24	Moderately suited	0.13	Low	0.00
		Rock fragments	0.24	Rock fragments	0.13		
				Slope	0.05		
Other Soils-----	20	Unsuited	1.00	Unsuited	1.00	High	1.00
		Horizon table	1.00	Horizon table	1.00	Horizon table	1.00
		contains no data		contains no data		contains no data	
		Steep	0.75			Soil reaction	1.00
UgC:							
Upshur-----	45	Moderately suited	0.75	Poorly suited	0.75	Low	0.00
		Stickiness	0.75	Stickiness	0.75		
		Rock fragments	0.01	Slope	0.35		
Gilpin-----	35	Moderately suited	0.24	Moderately suited	0.35	Low	0.00
		Rock fragments	0.24	Slope	0.35		
				Rock fragments	0.13		
Other Soils-----	20	Unsuited	1.00	Unsuited	1.00	High	1.00
		Horizon table	1.00	Horizon table	1.00	Horizon table	1.00
		contains no data		contains no data		contains no data	
		Steep	0.75			Soil reaction	1.00
UgC3:							
Uphsur-----	45	Moderately suited	0.75	Poorly suited	0.75	Low	0.00
		Stickiness	0.75	Stickiness	0.75		
		Rock fragments	0.01	Slope	0.35		
Gilpin-----	35	Moderately suited	0.24	Moderately suited	0.35	Low	0.00
		Rock fragments	0.24	Slope	0.35		
				Rock fragments	0.13		
Other Soils-----	20	Unsuited	1.00	Unsuited	1.00	High	1.00
		Horizon table	1.00	Horizon table	1.00	Horizon table	1.00
		contains no data		contains no data		contains no data	
		Steep	0.75			Soil reaction	1.00
UgD:							
Upshur-----	45	Moderately suited	0.75	Poorly suited	0.75	Low	0.00
		Stickiness	0.75	Stickiness	0.75		
		Slope limitation	0.19	Slope	0.75		
		Rock fragments	0.01				

Table FOR-3.--Forestland Management--Continued

Map symbol and soil name	Pct. of map unit	Suitability for hand planting		Suitability for mechanical planting		Potential for seedling mortality	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Gilpin-----	35	Moderately suited	0.24	Poorly suited	0.75	Low	0.00
		Rock fragments	0.24	Slope	0.75		
		Slope limitation	0.19	Rock fragments	0.13		
Other Soils-----	20	Unsuited	1.00	Unsuited	1.00	High	1.00
		Horizon table	1.00	Horizon table	1.00	Horizon table	1.00
		contains no data		contains no data		contains no data	
		Steep	0.75			Soil reaction	1.00
UgD3: Upshur-----	45	Moderately suited	0.75	Poorly suited	0.75	Low	0.00
		Stickiness	0.75	Stickiness	0.75		
		Slope limitation	0.19	Slope	0.75		
		Rock fragments	0.01				
Gilpin-----	35	Moderately suited	0.24	Poorly suited	0.75	Low	0.00
		Rock fragments	0.24	Slope	0.75		
		Slope limitation	0.19	Rock fragments	0.13		
Other Soils-----	20	Unsuited	1.00	Unsuited	1.00	High	1.00
		Horizon table	1.00	Horizon table	1.00	Horizon table	1.00
		contains no data		contains no data		contains no data	
		Steep	0.75			Soil reaction	1.00
VaC: Vandalia-----	100	Moderately suited	0.19	Moderately suited	0.35	Low	0.00
		Stickiness	0.19	Slope	0.35		
		Rock fragments	0.07	Stickiness	0.19		
VaD: Vandalia-----	100	Moderately suited	0.19	Poorly suited	0.75	Low	0.00
		Slope limitation	0.19	Slope	0.75		
		Stickiness	0.19	Stickiness	0.19		
		Rock fragments	0.07				
VdC3: Vandalia-----	100	Moderately suited	0.19	Moderately suited	0.35	Low	0.00
		Stickiness	0.19	Slope	0.35		
		Rock fragments	0.07	Stickiness	0.19		
VdD3: Vandalia-----	100	Moderately suited	0.19	Poorly suited	0.75	Low	0.00
		Slope limitation	0.19	Slope	0.75		
		Stickiness	0.19	Stickiness	0.19		
		Rock fragments	0.07				
ZZ900: Water-----	100	Unsuited	1.00	Unsuited	1.00	High	1.00
		Horizon table	1.00	Horizon table	1.00	Horizon table	1.00
		contains no data		contains no data		contains no data	
		Steep	0.75			Soil reaction	1.00