

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber cu ft/ac	
AbB:				
Albrights-----	northern red oak----	70	57	eastern white pine,
	red maple-----	---	0	Japanese larch,
	white ash-----	---	0	Norway spruce, red
	yellow-poplar-----	75	57	pine, white spruce
AbC2:				
Albrights-----	northern red oak----	70	57	eastern white pine,
	red maple-----	---	0	Japanese larch,
	white ash-----	---	0	Norway spruce, red
	yellow-poplar-----	75	57	pine, white spruce
AgC:				
Albrights-----	northern red oak----	70	57	eastern white pine,
	red maple-----	---	0	Japanese larch,
	white ash-----	---	0	Norway spruce, red
	yellow-poplar-----	75	57	pine, white spruce
AhB:				
Allegheny-----	American elm-----	---	0	black walnut,
	black oak-----	78	57	eastern white
	northern red oak----	---	0	pine, northern red
	pignut hickory-----	---	0	oak, shortleaf
	red maple-----	---	0	pine, white ash,
	shortleaf pine-----	80	129	white oak, yellow-
	sugar maple-----	---	0	poplar
	Virginia pine-----	72	114	
	white ash-----	---	0	
	yellow-poplar-----	93	100	
An:				
Alluvial Land-----	---	---	---	---
Ao:				
Alluvial Land-----	---	---	---	---
Ar:				
Armagh-----	northern red oak----	75	57	eastern white pine,
				Norway spruce
At:				
Atkins-----	American sycamore----	---	0	eastern white pine,
	eastern cottonwood--	105	143	white spruce
	loblolly pine-----	83	114	
	pin oak-----	100	57	
	red maple-----	---	0	
	sweetgum-----	95	114	
BrA:				
Andover-----	northern red oak----	75	57	eastern white pine,
	yellow-poplar-----	83	72	Norway spruce, red
				maple
Brinkerton-----	northern red oak----	77	57	eastern white pine,
				red maple, white
				spruce, yellow-
				poplar

Table E1.--Forest Productivity--Continued

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber cu ft/ac	
BrB:				
Andover-----	northern red oak----	75	57	eastern white pine, Norway spruce, red maple
	yellow-poplar-----	83	72	
Brinkerton-----	northern red oak----	77	57	eastern white pine, red maple, white spruce, yellow- poplar
BsC:				
Andover-----	northern red oak----	70	57	eastern white pine, Norway spruce, red maple
	yellow-poplar-----	75	57	
Brinkerton-----	northern red oak----	77	57	eastern white pine, red maple, white spruce, yellow- poplar
CaC2:				
Calvin-----	northern red oak----	77	57	eastern white pine, red pine, Virginia pine
	yellow-poplar-----	80	72	
Gilpin-----	northern red oak----	80	57	black cherry, eastern white pine, Japanese larch, Virginia pine, yellow- poplar
	yellow-poplar-----	95	100	
Ungers-----	northern red oak----	62	43	eastern white pine, Japanese larch, Norway spruce, Virginia pine
	Virginia pine-----	60	86	
CaD2:				
Calvin-----	northern red oak----	77	57	eastern white pine, red pine, Virginia pine
	yellow-poplar-----	80	72	
Gilpin-----	northern red oak----	80	57	black cherry, eastern white pine, Japanese larch, Virginia pine, yellow- poplar
	yellow-poplar-----	95	100	
Ungers-----	northern red oak----	62	43	eastern white pine, Japanese larch, Norway spruce, Virginia pine
	Virginia pine-----	60	86	
CaD3:				
Calvin-----	northern red oak----	77	57	eastern white pine, red pine, Virginia pine
	yellow-poplar-----	80	72	

Table E1.--Forest Productivity--Continued

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber cu ft/ac	
Gilpin-----	northern red oak----	80	57	black cherry, eastern white pine, Japanese larch, Virginia pine, yellow- poplar
	yellow-poplar-----	95	100	
Ungers-----	northern red oak----	62	43	eastern white pine, Japanese larch, Norway spruce, Virginia pine
	Virginia pine-----	60	86	
ClE:				
Calvin-----	northern red oak----	77	57	eastern white pine, red pine, Virginia pine
	yellow-poplar-----	80	72	
Lehew-----	eastern white pine--	---	0	eastern white pine, Japanese larch, Virginia pine
	northern red oak----	67	43	
	Virginia pine-----	70	114	
CnC2:				
Calvin-----	northern red oak----	77	57	eastern white pine, red pine, Virginia pine
	yellow-poplar-----	80	72	
Lehew-----	eastern white pine--	---	0	eastern white pine, Japanese larch, Virginia pine
	northern red oak----	67	43	
	Virginia pine-----	70	114	
Ungers-----	northern red oak----	62	43	eastern white pine, Japanese larch, Norway spruce, Virginia pine
	Virginia pine-----	60	86	
CnD2:				
Calvin-----	northern red oak----	77	57	eastern white pine, red pine, Virginia pine
	yellow-poplar-----	80	72	
Lehew-----	eastern white pine--	---	0	eastern white pine, Japanese larch, Virginia pine
	northern red oak----	67	43	
	Virginia pine-----	70	114	
Ungers-----	northern red oak----	62	43	eastern white pine, Japanese larch, Norway spruce, Virginia pine
	Virginia pine-----	60	86	
CnD3:				
Calvin-----	northern red oak----	77	57	eastern white pine, red pine, Virginia pine
	yellow-poplar-----	80	72	
Lehew-----	eastern white pine--	---	0	eastern white pine, Japanese larch, Virginia pine
	northern red oak----	67	43	
	Virginia pine-----	70	114	

Table E1.--Forest Productivity--Continued

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber cu ft/ac	
Ungers-----	northern red oak---- Virginia pine-----	62 60	43 86	eastern white pine, Japanese larch, Norway spruce, Virginia pine
CoB: Cavode-----	northern red oak---- yellow-poplar-----	83 95	57 100	black cherry, eastern white pine, Norway spruce, white spruce, yellow- poplar
CoC2: Cavode-----	northern red oak---- yellow-poplar-----	83 95	57 100	black cherry, eastern white pine, Norway spruce, white spruce, yellow- poplar
CrB: Clymer-----	eastern white pine-- northern red oak---- yellow-poplar-----	90 77 90	143 57 86	black cherry, eastern white pine, Virginia pine, yellow- poplar
CtB: Cookport-----	black cherry----- northern red oak---- sugar maple----- white ash----- yellow-poplar-----	86 76 80 86 90	57 57 57 57 86	black cherry, eastern white pine, Japanese larch, Norway spruce, yellow- poplar
CtC2: Cookport-----	black cherry----- northern red oak---- sugar maple----- white ash----- yellow-poplar-----	86 76 80 86 90	57 57 57 57 86	black cherry, eastern white pine, Japanese larch, Norway spruce, yellow- poplar
CuB: Cookport-----	black cherry----- northern red oak---- sugar maple----- white ash----- yellow-poplar-----	86 76 80 86 90	57 57 57 57 86	eastern white pine, Japanese larch, Norway spruce, yellow-poplar
Ernest-----	black cherry----- black walnut----- northern red oak---- sugar maple----- white ash----- yellow-poplar-----	80 --- 80 80 80 89	57 0 57 57 57 86	eastern white pine, Japanese larch, Norway spruce

Table E1.--Forest Productivity--Continued

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber cu ft/ac	
CuD:				
Cookport-----	black cherry-----	86	57	eastern white pine, Japanese larch, Norway spruce, yellow-poplar
	northern red oak----	76	57	
	sugar maple-----	80	57	
	white ash-----	86	57	
	yellow-poplar-----	90	86	
Ernest-----	black cherry-----	80	57	eastern white pine, Japanese larch, Norway spruce
	black walnut-----	---	0	
	northern red oak----	80	57	
	sugar maple-----	80	57	
	white ash-----	80	57	
	yellow-poplar-----	89	86	
Cv:				
Cut And Fill Land-----	northern red oak----	---	0	Austrian pine, eastern white pine, red pine, Virginia pine
	red maple-----	---	0	
DbB:				
Dekalb-----	northern red oak----	57	43	Austrian pine, eastern white pine, Japanese larch, red pine, Virginia pine
DbC2:				
Dekalb-----	northern red oak----	52	29	eastern white pine, Norway spruce, Virginia pine, white spruce
DbD2:				
Dekalb-----	northern red oak----	52	29	eastern white pine, Norway spruce, Virginia pine, white spruce
DcC:				
Calvin-----	northern red oak----	71	57	eastern white pine, red pine, Virginia pine
	yellow-poplar-----	71	57	
Dekalb-----	black cherry-----	80	57	black cherry, eastern white pine, Japanese larch, Norway spruce, red pine
	cucumbertree-----	---	0	
	red maple-----	---	0	
	white ash-----	---	0	
	yellow birch-----	---	0	
Lehew-----	eastern white pine--	---	0	eastern white pine, Japanese larch, Virginia pine
	northern red oak----	62	43	
	Virginia pine-----	57	86	
DcD:				
Calvin-----	northern red oak----	77	57	eastern white pine, red pine, Virginia pine
	yellow-poplar-----	80	72	

Table E1.--Forest Productivity--Continued

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber cu ft/ac	
Dekalb-----	black cherry----- cucumbertree----- red maple----- white ash----- yellow birch-----	80 --- --- --- ---	57 0 0 0 0	black cherry, eastern white pine, Japanese larch, Norway spruce, red pine
Lehew-----	eastern white pine-- northern red oak---- Virginia pine-----	--- 67 60	0 43 86	eastern white pine, Japanese larch, Virginia pine
DgC: Dekalb-----	black cherry----- cucumbertree----- red maple----- white ash----- yellow birch-----	80 --- --- --- ---	57 0 0 0 0	black cherry, eastern white pine, Japanese larch, Norway spruce, red pine
Gilpin-----	northern red oak---- yellow-poplar-----	80 95	57 100	black cherry, eastern white pine, Japanese larch, Virginia pine, yellow- poplar
DgD: Dekalb-----	black cherry----- cucumbertree----- red maple----- white ash----- yellow birch-----	80 --- --- --- ---	57 0 0 0 0	black cherry, eastern white pine, Japanese larch, Norway spruce, red pine
Gilpin-----	northern red oak---- yellow-poplar-----	80 95	57 100	black cherry, eastern white pine, Japanese larch, Virginia pine, yellow- poplar
D1C: Dekalb-----	black cherry----- cucumbertree----- red maple----- white ash----- yellow birch-----	80 --- --- --- ---	57 0 0 0 0	black cherry, eastern white pine, Japanese larch, Norway spruce, red pine
Leetonia-----	red maple----- red spruce----- yellow birch-----	50 35 50	29 72 29	Norway spruce, red spruce
D1D: Dekalb-----	black cherry----- cucumbertree----- red maple----- white ash----- yellow birch-----	80 --- --- --- ---	57 0 0 0 0	black cherry, eastern white pine, Japanese larch, Norway spruce, red pine
Leetonia-----	red maple----- red spruce----- yellow birch-----	50 35 50	29 72 29	Norway spruce, red spruce

Table E1.--Forest Productivity--Continued

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber cu ft/ac	
Ek: Elkins-----	pin oak----- yellow-poplar-----	94 90	72 86	eastern white pine, Norway spruce, pin oak
ErA: Ernest-----	black cherry----- black walnut----- northern red oak---- sugar maple----- white ash----- yellow-poplar-----	80 --- 80 80 80 89	57 0 57 57 57 86	eastern white pine, Japanese larch, Norway spruce
ErB: Ernest-----	black cherry----- black walnut----- northern red oak---- sugar maple----- white ash----- yellow-poplar-----	80 --- 80 80 80 89	57 0 57 57 57 86	eastern white pine, Japanese larch, Norway spruce
ErC2: Ernest-----	black cherry----- black walnut----- northern red oak---- sugar maple----- white ash----- yellow-poplar-----	80 --- 80 80 80 89	57 0 57 57 57 86	eastern white pine, Japanese larch, Norway spruce
ErD2: Ernest-----	black cherry----- black walnut----- northern red oak---- sugar maple----- white ash----- yellow-poplar-----	80 --- 80 80 80 89	57 0 57 57 57 86	eastern white pine, Japanese larch, Norway spruce
GnB2: Gilpin-----	northern red oak---- yellow-poplar-----	80 95	57 100	black cherry, eastern white pine, Japanese larch, Virginia pine, yellow-poplar
GnC2: Gilpin-----	northern red oak---- yellow-poplar-----	80 95	57 100	black cherry, eastern white pine, Japanese larch, Virginia pine, yellow-poplar
GnD2: Gilpin-----	northern red oak---- yellow-poplar-----	80 95	57 100	black cherry, eastern white pine, Japanese larch, Virginia pine, yellow-poplar

Table E1.--Forest Productivity--Continued

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber cu ft/ac	
GnD3: Gilpin-----	northern red oak---- yellow-poplar-----	80 95	57 100	black cherry, eastern white pine, Japanese larch, Virginia pine, yellow- poplar
LaB: Laidig-----	black cherry----- black locust----- northern red oak---- sugar maple----- white ash----- white oak----- yellow-poplar-----	80 80 80 80 80 80 90	57 0 57 57 57 57 86	black cherry, black locust, black walnut, eastern white pine, Norway spruce, yellow- poplar
LaD: Laidig-----	black cherry----- black locust----- northern red oak---- sugar maple----- white ash----- white oak----- yellow-poplar-----	80 80 80 80 80 80 90	57 0 57 57 57 57 86	black cherry, black locust, black walnut, eastern white pine, Norway spruce, yellow- poplar
Lc: Lickdale-----	pin oak----- red maple-----	--- ---	57 57	eastern white pine, white spruce
Ls: Lickdale-----	pin oak----- red maple-----	85 85	57 57	eastern white pine, white spruce
McB: Meckesville-----	northern red oak---- yellow-poplar-----	80 90	57 86	black cherry, eastern white pine, Japanese larch, Norway spruce, yellow- poplar
McC2: Meckesville-----	northern red oak---- yellow-poplar-----	80 90	57 86	black cherry, eastern white pine, Japanese larch, Norway spruce, yellow- poplar
MdB: Meckesville-----	northern red oak---- yellow-poplar-----	80 90	57 86	black cherry, eastern white pine, Japanese larch, Norway spruce, yellow- poplar

Table E1.--Forest Productivity--Continued

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber cu ft/ac	
MdD: Mechesville-----	northern red oak----- yellow-poplar-----	80 90	57 86	black cherry, eastern white pine, Japanese larch, Norway spruce, yellow- poplar
NoB: Nolo-----	black cherry----- northern red oak----	70 70	43 57	eastern white pine, Norway spruce, red maple
Pe: Peat-----	---	---	---	---
Ph: Philo-----	black oak----- northern red oak---- Virginia pine----- white ash----- white oak----- yellow-poplar-----	85 86 74 85 85 102	57 57 114 57 57 114	eastern white pine, yellow-poplar
Ps: Pope-----	American basswood--- American beech----- American sycamore--- bitternut hickory--- blackgum----- eastern hemlock---- northern red oak---- white oak----- yellow-poplar-----	--- --- --- --- --- --- --- 80 96	0 0 0 0 0 0 0 57 100	black walnut, eastern white pine, northern red oak, shortleaf pine, white ash, white oak, yellow- poplar
PuC2: Purdy-----	pin oak----- shortleaf pine----- sweetgum----- Virginia pine----- yellow-poplar-----	85 75 85 75 90	57 114 86 114 86	eastern white pine, loblolly pine, Virginia pine
St: Strip Mines And Dump----	northern red oak---- red maple-----	--- ---	0 0	Austrian pine, eastern white pine, red pine, Virginia pine
SW: Swamp-----	---	---	---	---
UcB: Ungers-----	northern red oak---- Virginia pine-----	62 60	43 86	eastern white pine, Japanese larch, Norway spruce, Virginia pine
Calvin-----	northern red oak---- yellow-poplar-----	71 71	57 57	eastern white pine, red pine, Virginia pine

Table E1.--Forest Productivity--Continued

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber cu ft/ac	
Lehew-----	eastern white pine-- northern red oak---- Virginia pine-----	--- 62 57	0 43 86	eastern white pine, Japanese larch, Virginia pine
UnB: Gilpin-----	northern red oak---- yellow-poplar-----	71 71	57 57	eastern white pine, red pine, Virginia pine
Ungers-----	northern red oak---- Virginia pine-----	62 60	43 86	eastern white pine, Japanese larch, Norway spruce, Virginia pine
Calvin-----	eastern white pine-- northern red oak---- Virginia pine-----	--- 62 57	0 43 86	eastern white pine, Japanese larch, Virginia pine
VsD: Very Stony Land-----	northern red oak---- yellow-poplar-----	80 90	57 86	eastern white pine, European larch, northern red oak, sugar maple, yellow-poplar
VsF: Very Stony Land-----	black cherry----- black locust----- northern red oak---- sugar maple----- white ash----- white oak----- yellow-poplar-----	80 80 80 80 80 80 90	57 0 57 57 57 57 86	black cherry, black locust, black walnut, eastern white pine, Norway spruce, yellow- poplar
WhB2: Wharton-----	northern red oak---- yellow-poplar-----	76 90	57 86	eastern white pine, yellow-poplar
WhC2: Wharton-----	northern red oak---- yellow-poplar-----	76 90	57 86	eastern white pine, yellow-poplar

