

Site Productivity Class Assignment for the North Central FIA Unit

The body of the following table contains the upper limit of Site Index associated with the Site-Class column. For example, for balsam fir Site-Class 5 (50-84 cu ft/ac/yr), Site Index ranges from 41-48.

Table 1. Site Index / Site Class Matrix for the North Central FIA Unit.

Region	Species Code	Species name	Site Class						
			7	6	5	4	3	2	1
			(cu ft/ac/yr)						
			<20	20-49	50-84	85-119	120-164	165-224	225+
Central States	12	balsam fir	35	40	48	60	86	99	150
Central States	68	eastern redcedar	25	50	60	80	99	150	
Central States	71	tamarack (native)	20	50	70	90	99	150	
Central States	94	white spruce	35	45	65	90	99	150	
Central States	95	black spruce	20	50	60	80	99	150	
Central States	105	jack pine	35	59	75	90	99	150	
Central States	110	shortleaf pine	35	48	60	75	96	99	150
Central States	122	ponderosa pine	21	48	60	75	96	99	150
Central States	125	red pine	35	48	60	75	96	99	150
		eastern white pine	35	48	60	75	96	99	150
Central States	129	Scotch pine	35	48	60	75	96	99	150
Central States	130	northern white-cedar	15	47	70	90	99	150	
Central States	241	eastern hemlock	35	48	60	75	96	99	150
Central States	316	red maple	35	65	80	99	150		
Central States	317	silver maple	35	65	80	99	150		
Central States	318	sugar maple	35	65	80	99	150		
Central States	371	yellow birch	35	60	77	93	99	150	
Central States	375	paper birch	35	62	80	90	99	150	
Central States	402	bitternut hickory	35	55	75	95	99	150	
Central States	403	pignut hickory	35	55	75	95	99	150	
Central States	404	pecan	35	55	75	95	99	150	
Central States	405	shellbark hickory	35	55	75	95	99	150	
Central States	407	shagbark hickory	35	55	75	95	99	150	
Central States	408	black hickory	35	55	75	95	99	150	
		mockernut hickory	35	55	75	95	99	150	
Central States	409	hackberry	35	65	80	99	150		
Central States	531	American beech	35	60	77	93	99	150	
Central States	541	white ash	35	65	80	99	150		
Central States	543	black ash	35	65	80	99	150		
Central States	544	green ash	35	65	80	99	150		
Central States	602	black walnut	35	55	75	95	99	150	
Central States	611	sweetgum	35	55	75	95	99	150	
Central States	621	yellow-poplar	35	65	80	99	150		
Central States	741	balsam poplar	35	55	72	90	99	150	

		eastern						
Central States	742	cottonwood	35	65	80	99	150	
Central States	743	bigtooth aspen	35	55	72	90	99	150
Central States	746	quaking aspen	35	55	72	90	99	150
Central States	762	black cherry	35	65	80	99	150	
Central States	802	white oak	35	48	60	75	96	99 150
Central States	806	scarlet oak	35	55	75	95	99	150
Central States	809	northern pin oak	35	55	75	95	99	150
Central States	817	shingle oak	35	55	75	95	99	150
Central States	823	bur oak	35	48	60	75	96	99 150
Central States	830	pin oak	35	55	75	95	99	150
Central States	833	northern red oak	35	55	75	95	99	150
Central States	835	post oak	35	48	60	75	96	99 150
Central States	837	black oak	35	55	75	95	99	150
Central States	901	black locust	35	65	80	99	150	
		American						
Central States	951	basswood	35	65	80	99	150	
Central States	972	American elm	35	65	80	99	150	
Central States	975	slippery elm	35	65	80	99	150	
Central States	977	rock elm	35	65	80	99	150	
Lake States	12	balsam fir	35	40	48	60	86	99 150
Lake States	68	eastern redcedar	25	50	60	80	99	150
Lake States	71	tamarack (native)	20	50	70	90	99	150
Lake States	94	white spruce	35	45	65	90	99	150
Lake States	95	black spruce	20	50	60	80	99	150
Lake States	105	jack pine	35	59	75	90	99	150
Lake States	110	shortleaf pine	35	48	60	75	96	99 150
Lake States	122	ponderosa pine	21	48	60	75	96	99 150
Lake States	125	red pine	35	48	60	75	96	99 150
		eastern white						150
Lake States	129	pine	35	48	60	75	96	99
Lake States	130	Scotch pine	35	48	60	75	96	99 150
		northern white-						
Lake States	241	cedar	15	47	70	90	99	150
Lake States	261	eastern hemlock	35	48	60	75	96	99 150
Lake States	316	red maple	35	65	80	99	150	
Lake States	317	silver maple	35	65	80	99	150	
Lake States	318	sugar maple	35	65	80	99	150	
Lake States	371	yellow birch	35	60	77	93	99	150
Lake States	375	paper birch	35	62	80	90	99	150
Lake States	402	bitternut hickory	35	55	75	95	99	150
Lake States	403	pignut hickory	35	55	75	95	99	150
Lake States	404	pecan	35	55	75	95	99	150
Lake States	405	shellbark hickory	35	55	75	95	99	150
Lake States	407	shagbark hickory	35	55	75	95	99	150
Lake States	408	black hickory	35	55	75	95	99	150
		mockernut						
Lake States	409	hickory	35	55	75	95	99	150
Lake States	462	hackberry	35	65	80	99	150	

Lake States	531	American beech	35	60	77	93	99	150	
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Lake States	544	green ash	35	65	80	99	150		
Lake States	602	black walnut	35	55	75	95	99	150	
Lake States	611	sweetgum	35	55	75	95	99	150	
Lake States	621	yellow-poplar	35	65	80	99	150		
Lake States	741	balsam poplar	35	55	72	90	99	150	
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Lake States	743	bigtooth aspen	35	55	72	90	99	150	
Lake States	746	quaking aspen	35	55	72	90	99	150	
Lake States	762	black cherry	35	65	80	99	150		
Lake States	802	white oak	35	48	60	75	96	99	150
Lake States	806	scarlet oak	35	55	75	95	99	150	
Lake States	809	northern pin oak	35	55	75	95	99	150	
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Lake States	823	bur oak	35	48	60	75	96	99	150
Lake States	830	pin oak	35	55	75	95	99	150	
Lake States	833	northern red oak	35	55	75	95	99	150	
Lake States	835	post oak	35	48	60	75	96	99	150
Lake States	837	black oak	35	55	75	95	99	150	
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Lake States	972	American elm	35	65	80	99	150		
Lake States	975	slippery elm	35	65	80	99	150		
Lake States	977	rock elm	35	65	80	99	150		
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