

Common Name	Scientific Name	Range	MR	%Cell	FIAsum	FIAiv	ChngCl45	ChngCl85	Adap	Abund	Capabil45	Capabil85	SHIFT45	SHIFT85	SSO	N
loblolly pine	Pinus taeda	WDH	High	58.5	1506.27	27.57	Sm. inc.	Sm. inc.	Medium	Abundant	Very Good	Very Good			1	1
sweetgum	Liquidambar styraciflua	WDH	High	87.8	934.61	11.28	Sm. inc.	Sm. inc.	Medium	Abundant	Very Good	Very Good			1	2
yellow-poplar	Liriodendron tulipifera	WDH	High	78	690.02	9.37	Lg. dec.	Lg. dec.	High	Abundant	Good	Good			1	3
shortleaf pine	Pinus echinata	WDH	High	69.5	579.87	8.94	Sm. inc.	Sm. inc.	Medium	Abundant	Very Good	Very Good			1	4
Virginia pine	Pinus virginiana	NDH	High	58.5	534.37	9.79	Lg. dec.	Lg. dec.	Medium	Abundant	Fair	Fair			0	5
red maple	Acer rubrum	WDH	High	84.1	477.73	5.97	No change	No change	High	Common	Good	Good			1	6
white oak	Quercus alba	WDH	Medium	67.1	454.85	7.41	No change	No change	High	Common	Good	Good			1	7
black cherry	Prunus serotina	WDL	Medium	70.7	362.18	5.45	Sm. dec.	No change	Low	Common	Poor	Poor			0	8
water oak	Quercus nigra	WDH	High	57.3	350.24	6.11	Lg. inc.	Lg. inc.	Medium	Common	Very Good	Very Good			1	9
eastern redcedar	Juniperus virginiana	WDH	Medium	70.7	306.51	4.62	Sm. inc.	Lg. inc.	Medium	Common	Good	Very Good			1	10
southern red oak	Quercus falcata	WDL	Medium	62.2	244.73	4.23	Lg. inc.	Lg. inc.	High	Common	Very Good	Very Good			1	11
northern red oak	Quercus rubra	WDH	Medium	52.4	238.41	4.95	Sm. dec.	Sm. dec.	High	Common	Fair	Fair			1	12
sourwood	Oxydendrum arboreum	NDL	High	54.9	204.27	4	Sm. dec.	Sm. dec.	High	Common	Fair	Fair			1	13
river birch	Betula nigra	NSL	Low	13.4	161.95	12.07	No change	Sm. inc.	Medium	Common	Fair	Good			1	14
chestnut oak	Quercus prinus	NDH	High	17.1	160.13	9.38	Lg. dec.	Lg. dec.	High	Common	Fair	Fair			1	15
mockernut hickory	Carya alba	WDL	Medium	54.9	139.48	2.79	Lg. inc.	Lg. inc.	High	Common	Very Good	Very Good			1	16
scarlet oak	Quercus coccinea	WDL	Medium	29.3	126.98	4.34	Sm. dec.	Lg. dec.	Medium	Common	Poor	Poor			0	17
willow oak	Quercus phellos	NSL	Low	31.7	123.13	3.88	Sm. dec.	Sm. dec.	Medium	Common	Poor	Poor			0	18
American beech	Fagus grandifolia	WDH	High	39	115.56	3.31	No change	Sm. inc.	Medium	Common	Fair	Good			1	19
winged elm	Ulmus alata	WDL	Medium	42.7	115.24	2.7	Lg. inc.	Lg. inc.	Medium	Common	Very Good	Very Good			1	20
flowering dogwood	Cornus florida	WDL	Medium	63.4	114.22	1.98	No change	No change	Medium	Common	Fair	Fair			1	21
American hornbeam; musc	Carpinus caroliniana	WSL	Low	28	111.34	3.97	No change	Sm. inc.	Medium	Common	Fair	Good			1	22
green ash	Fraxinus pennsylvanica	WSH	Low	24.4	99.74	4.09	Sm. inc.	Lg. inc.	Medium	Common	Good	Very Good			1	23
pignut hickory	Carya glabra	WDL	Medium	43.9	93.73	2.38	Sm. inc.	Sm. inc.	Medium	Common	Good	Good			1	24
blackgum	Nyssa sylvatica	WDL	Medium	54.9	92.63	1.82	Lg. inc.	Lg. inc.	High	Common	Very Good	Very Good			1	25
post oak	Quercus stellata	WDH	High	37.8	86.62	2.59	Lg. inc.	Lg. inc.	High	Common	Very Good	Very Good			1	26
black oak	Quercus velutina	WDH	High	37.8	79.61	2.4	Lg. inc.	Lg. inc.	Medium	Common	Very Good	Very Good			1	27
sycamore	Platanus occidentalis	NSL	Low	17.1	69.16	4.05	Sm. dec.	Sm. inc.	Medium	Common	Poor	Good			1	28
white ash	Fraxinus americana	WDL	Medium	31.7	62.77	2.28	Sm. inc.	Lg. inc.	Low	Common	Fair	Good			1	29
pecan	Carya illinoensis	NSH	Low	1.2	60.98	50	Sm. dec.	No change	Low	Common	Poor	Poor	Infill +		0	30
common persimmon	Diospyros virginiana	NSL	Low	25.6	57.71	2.66	Lg. dec.	Lg. dec.	High	Common	Fair	Fair			1	31
American elm	Ulmus americana	WDH	Medium	23.2	55.61	2.89	Lg. inc.	Lg. inc.	Medium	Common	Very Good	Very Good			1	32
black willow	Salix nigra	NSH	Low	4.9	53.33	10.93	No change	No change	Low	Common	Poor	Poor	Infill +		0	33
ailanthus	Ailanthus altissima	NSL	FIA	4.9	41.22	8.45	Unknown	Unknown	NA	Rare	NNIS	NNIS			0	34
American holly	Ilex opaca	NSL	Medium	26.8	35.94	1.34	No change	Sm. inc.	Medium	Rare	Poor	Fair			1	35
shagbark hickory	Carya ovata	WSL	Medium	9.8	28.6	2.93	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	36
pitch pine	Pinus rigida	NSH	High	2.4	27.56	11.3	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	37
florida maple	Acer barbatum	NSL	Low	12.2	27.44	2.25	Sm. inc.	Lg. inc.	High	Rare	Good	Good			1	38
eastern cottonwood	Populus deltoides	NSH	Low	3.7	25.56	6.99	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	39
slippery elm	Ulmus rubra	WSL	Low	15.9	24.94	2.24	Lg. dec.	No change	Medium	Rare	Very Poor	Poor			1	40
black locust	Robinia pseudoacacia	NDH	Low	6.1	24.33	3.99	Lg. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			0	41
eastern white pine	Pinus strobus	WDH	High	4.9	21.59	4.42	Sm. dec.	Sm. dec.	Low	Rare	Very Poor	Very Poor			2	42
sand hickory	Carya pallida	NSL	FIA	12.2	19.56	1.6	Unknown	Unknown	NA	Rare	FIA Only	FIA Only			0	43
blackjack oak	Quercus marilandica	NSL	Medium	3.7	19.17	5.24	Lg. inc.	Lg. inc.	High	Rare	Good	Good	Infill ++	Infill ++	2	44
eastern redbud	Cercis canadensis	NSL	Low	14.6	16	1.09	Lg. dec.	Sm. inc.	Medium	Rare	Very Poor	Fair			1	45
black walnut	Juglans nigra	WDH	Low	13.4	15.63	1.17	Lg. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			0	46
boxelder	Acer negundo	WSH	Low	3.7	14.79	4.04	Sm. dec.	No change	High	Rare	Poor	Fair	Infill +		1	47
honeylocust	Gleditsia triacanthos	NSH	Low	2.4	10.94	4.49	No change	Sm. inc.	High	Rare	Fair	Good	Infill ++		2	48
laurel oak	Quercus laurifolia	NDH	Medium	6.1	10.78	1.77	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good	Infill ++		1	49
sugarberry	Celtis laevigata	NDH	Medium	4.9	8.7	1.78	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good	Infill ++	Infill ++	2	50
red mulberry	Morus rubra	NSL	Low	4.9	7.22	1.48	No change	Sm. inc.	Medium	Rare	Poor	Fair			1	51
bitternut hickory	Carya cordiformis	WSL	Low	4.9	6.12	1.25	Lg. dec.	Very Lg. dec.	High	Rare	Poor	Lost			0	52
hackberry	Celtis occidentalis	WDH	Medium	2.4	5.95	2.44	No change	No change	High	Rare	Fair	Fair	Infill +	Infill +	2	53

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sassafras	Sassafras albidum	WSL	Low	4.9	4.11	0.84	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good		Infill ++	1	54
American basswood	Tilia americana	WSL	Medium	3.7	4.05	1.11	Lg. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			0	55
silverbell	Halesia spp.	NSL	Low	2.4	2.56	1.05	Sm. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			0	56
eastern hophornbeam; ironw	Ostrya virginiana	WSL	Low	3.7	2.3	0.63	Lg. inc.	Lg. inc.	High	Rare	Good	Good	Infill ++	Infill ++	2	57
shellbark hickory	Carya laciniosa	NSL	Low	1.2	2.2	1.8	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	58
cucumbertree	Magnolia acuminata	NSL	Low	1.2	1.34	1.1	Lg. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	59
cherrybark oak; swamp red o	Quercus pagoda	NSL	Medium	1.2	0.85	0.7	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good			2	60
white mulberry	Morus alba	NSL	FIA	1.2	0.73	0.6	Unknown	Unknown	NA	Rare	NNIS	NNIS			0	61
pawpaw	Asimina triloba	NSL	Low	1.2	0.65	0.53	Lg. dec.	Very Lg. dec.	Medium	Rare	Very Poor	Lost			0	62
mountain or Fraser magnolia	Magnolia fraseri	NSL	Low	1.2	0.45	0.37	Lg. dec.	Lg. dec.	NA	Rare	Unknown	Unknown			0	63
serviceberry	Amelanchier spp.	NSL	Low	1.2	0.44	0.36	Lg. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			0	64
American chestnut	Castanea dentata	NSLX	FIA	1.2	0.4	0.33	Unknown	Unknown	Medium	Rare	FIA Only	FIA Only			0	65
bluejack oak	Quercus incana	NSL	Low	1.2	0.32	0.26	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good			2	66
ashe juniper	Juniperus ashei	NDH	High	0	0	0	New Habitat	New Habitat	NA	Absent	New Habitat	New Habitat			0	67
slash pine	Pinus elliottii	NDH	High	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat	Migrate +	Migrate ++	3	68
longleaf pine	Pinus palustris	NSH	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat	Migrate +	Migrate +	3	69
eastern hemlock	Tsuga canadensis	NSH	High	0	0	0	New Habitat	New Habitat	Low	Absent	New Habitat	New Habitat	Likely +	Likely +	3	70
striped maple	Acer pensylvanicum	NSL	Medium	0	0	0	Unknown	New Habitat	Medium	Absent	Unknown	New Habitat		Likely +	3	71
sugar maple	Acer saccharum	WDH	High	0	0	0	Unknown	Unknown	High	Absent	Unknown	Unknown			0	72
yellow buckeye	Aesculus flava	NSL	Low	0	0	0	Unknown	Unknown	Low	Absent	Unknown	Unknown			0	73
yellow birch	Betula alleghaniensis	NDL	High	0	0	0	Unknown	Unknown	Medium	Absent	Unknown	Unknown			0	74
cittamwood/gum bumelia	Sideroxylon lanuginosum ssp	NSL	Low	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat			3	75
black hickory	Carya texana	NDL	High	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			3	76
black ash	Fraxinus nigra	WSH	Medium	0	0	0	New Habitat	New Habitat	Low	Absent	New Habitat	New Habitat			3	77
southern magnolia	Magnolia grandiflora	NSL	Low	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			3	78
sweetbay	Magnolia virginiana	NSL	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat	Migrate +	Migrate +	3	79
swamp tupelo	Nyssa biflora	NDH	Medium	0	0	0	New Habitat	New Habitat	Low	Absent	New Habitat	New Habitat			3	80
live oak	Quercus virginiana	NDH	High	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat		Migrate ++	3	81
cedar elm	Ulmus crassifolia	NDH	Medium	0	0	0	New Habitat	New Habitat	Low	Absent	New Habitat	New Habitat			0	82