

Common Name	Scientific Name	Range	MR	%Cell	FIAsum	FIAiv	ChngCl45	ChngCl85	Adap	Abund	Capabil45	Capabil85	SHIFT45	SHIFT85	SSO	N
yellow-poplar	Liriodendron tulipifera	WDH	High	62.5	317.54	16.4	Sm. dec.	Lg. dec.	High	Common	Fair	Fair			1	1
red maple	Acer rubrum	WDH	High	77.9	276.59	13.2	No change	No change	High	Common	Good	Good			1	2
white ash	Fraxinus americana	WDL	Medium	52.3	270.84	15.26	Sm. dec.	Sm. dec.	Low	Common	Poor	Poor			0	3
black walnut	Juglans nigra	WDH	Low	51.1	224.48	12.79	Sm. dec.	Sm. dec.	Medium	Common	Poor	Poor			0	4
black cherry	Prunus serotina	WDL	Medium	73.2	170.77	8.98	No change	No change	Low	Common	Poor	Poor			0	5
green ash	Fraxinus pennsylvanica	WSH	Low	18.7	136.17	17.13	Sm. dec.	Sm. dec.	Medium	Common	Poor	Poor			0	6
black oak	Quercus velutina	WDH	High	37.4	120.33	10.4	Sm. inc.	Sm. inc.	Medium	Common	Good	Good			1	7
Norway maple	Acer platanoides	NSL	FIA	25.7	99.13	10.69	Unknown	Unknown	NA	Common	NNIS	NNIS			0	8
chestnut oak	Quercus prinus	NDH	High	34.8	98.29	6.28	Sm. inc.	No change	High	Common	Very Good	Good			1	9
northern red oak	Quercus rubra	WDH	Medium	41.3	89.07	6.6	Sm. inc.	Sm. inc.	High	Common	Very Good	Very Good			1	10
boxelder	Acer negundo	WSH	Low	32.4	88.87	7.12	No change	No change	High	Common	Good	Good			1	11
black locust	Robinia pseudoacacia	NDH	Low	18.7	86.46	11.59	No change	No change	Medium	Common	Fair	Fair			1	12
mockernut hickory	Carya alba	WDL	Medium	26.6	79.58	7.03	Sm. inc.	Sm. inc.	High	Common	Very Good	Very Good			1	13
eastern white pine	Pinus strobus	WDH	High	11.7	57.4	13.26	Lg. dec.	Very Lg. dec.	Low	Common	Very Poor	Lost			0	14
sweet birch	Betula lenta	NDH	High	19.5	55.29	7.38	Lg. dec.	Lg. dec.	Low	Common	Very Poor	Very Poor			0	15
American elm	Ulmus americana	WDH	Medium	26.9	53.39	4.34	Sm. inc.	Sm. inc.	Medium	Common	Good	Good	Infill ++	Infill ++	1	16
shagbark hickory	Carya ovata	WSL	Medium	15.2	52.97	7.01	No change	No change	Medium	Common	Fair	Fair	Infill +	Infill +	1	17
eastern redcedar	Juniperus virginiana	WDH	Medium	18.7	52.78	11.64	Lg. inc.	Lg. inc.	Medium	Common	Very Good	Very Good			1	18
silver maple	Acer saccharinum	NSH	Low	12.6	52.08	10.38	No change	No change	High	Common	Good	Good	Infill ++	Infill ++	1	19
swamp white oak	Quercus bicolor	NSL	Low	2.3	39.77	16.98	Lg. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			2	20
white oak	Quercus alba	WDH	Medium	24.3	39.14	6.28	Lg. inc.	Lg. inc.	High	Rare	Good	Good			1	21
sassafras	Sassafras albidum	WSL	Low	56.9	39.04	4.36	Sm. inc.	Sm. inc.	Medium	Rare	Fair	Fair			1	22
black willow	Salix nigra	NSH	Low	3.5	37.98	10.81	Sm. dec.	No change	Low	Rare	Very Poor	Very Poor			0	23
blackgum	Nyssa sylvatica	WDL	Medium	33.1	36.79	4.19	Lg. inc.	Lg. inc.	High	Rare	Good	Good			1	24
sugar maple	Acer saccharum	WDH	High	18.7	34.63	5.6	Lg. inc.	Lg. inc.	High	Rare	Good	Good	Infill ++	Infill ++	1	25
American beech	Fagus grandifolia	WDH	High	35.5	25.99	2.57	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good			1	26
ailanthus	Ailanthus altissima	NSL	FIA	16.3	25.57	6.9	Unknown	Unknown	NA	Rare	NNIS	NNIS			0	27
sweetgum	Liquidambar styraciflua	WDH	High	12.4	24.48	23.36	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good	Infill ++	Infill ++	1	28
scarlet oak	Quercus coccinea	WDL	Medium	16	22.4	2.98	Lg. inc.	Sm. inc.	Medium	Rare	Good	Fair	Infill ++	Infill +	1	29
paulownia	Paulownia tomentosa	NSL	FIA	4.6	16.62	55.36	Unknown	Unknown	NA	Rare	NNIS	NNIS			0	30
pin oak	Quercus palustris	NSH	Low	29.2	15.76	7.42	Lg. inc.	Lg. inc.	Low	Rare	Fair	Fair			1	31
pignut hickory	Carya glabra	WDL	Medium	9.4	12.21	2.46	Lg. inc.	Sm. inc.	Medium	Rare	Good	Fair	Infill ++	Infill +	1	32
eastern hemlock	Tsuga canadensis	NSH	High	1.2	11.39	9.73	Lg. dec.	Very Lg. dec.	Low	Rare	Very Poor	Lost			2	33
hackberry	Celtis occidentalis	WDH	Medium	5.7	11.02	8.58	No change	No change	High	Rare	Fair	Fair	Infill +	Infill +	2	34
Osage-orange	Maclura pomifera	NDH	Medium	14	10.16	11.57	Sm. dec.	Lg. dec.	High	Rare	Poor	Poor	Infill +		1	35
bitternut hickory	Carya cordiformis	WSL	Low	15.2	9.73	5.78	Lg. inc.	Lg. inc.	High	Rare	Good	Good			1	36
flowering dogwood	Cornus florida	WDL	Medium	22.2	7.95	1.51	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good			1	37
red mulberry	Morus rubra	NSL	Low	4.6	7.7	25.63	Lg. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	38
bigtooth aspen	Populus grandidentata	NSL	Medium	2.3	7.29	3.12	Very Lg. dec.	Very Lg. dec.	Medium	Rare	Lost	Lost			0	39
pitch pine	Pinus rigida	NSH	High	5.9	7.17	10.21	Lg. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			0	40
Norway spruce	Picea abies	NSH	FIA	10.2	7.01	3.86	Unknown	Unknown	NA	Rare	NNIS	NNIS			0	41
American hornbeam; muscle	Carpinus caroliniana	WSL	Low	7	5.8	1.93	Sm. inc.	Lg. inc.	Medium	Rare	Fair	Good			1	42
slippery elm	Ulmus rubra	WSL	Low	5.9	5.63	4.37	No change	Sm. inc.	Medium	Rare	Poor	Fair	Infill +	Infill +	1	43
American basswood	Tilia americana	WSL	Medium	7	4.12	1.47	Sm. dec.	Very Lg. dec.	Medium	Rare	Very Poor	Lost			2	44
eastern cottonwood	Populus deltoides	NSH	Low	4.7	3.92	13.4	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	45
Kentucky coffeetree	Gymnocladus dioicus	NSLX	FIA	1.2	2.49	2.13	Unknown	Unknown	Medium	Rare	FIA Only	FIA Only			0	46
eastern hophornbeam; ironw	Ostrya virginiana	WSL	Low	5.9	1.88	0.93	Lg. inc.	Lg. inc.	High	Rare	Good	Good	Infill ++	Infill ++	2	47
Virginia pine	Pinus virginiana	NDH	High	1.2	1.52	1.3	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good			2	48
chokecherry	Prunus virginiana	NSLX	FIA	1.2	1.52	1.3	Unknown	Unknown	Medium	Rare	FIA Only	FIA Only			0	49
serviceberry	Amelanchier spp.	NSL	Low	5.9	1.18	0.62	Very Lg. dec.	Very Lg. dec.	Medium	Rare	Lost	Lost			0	50
American holly	Ilex opaca	NSL	Medium	4.4	0.84	2.68	Sm. inc.	Lg. inc.	Medium	Rare	Fair	Good	Infill +	Infill ++	2	51
sycamore	Platanus occidentalis	NSL	Low	14	0.81	0.93	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good	Infill ++	Infill ++	1	52
butternut	Juglans cinerea	NSLX	FIA	4.7	0.7	2.4	Unknown	Unknown	Low	Rare	FIA Only	FIA Only			0	53

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southern red oak	Quercus falcata	WDL	Medium	4.4	0.66	2.07	Lg. inc.	Lg. inc.	High	Rare	Good	Good			2	54
loblolly pine	Pinus taeda	WDH	High	4.3	0.6	1.84	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good			2	55
yellow birch	Betula alleghaniensis	NDL	High	4.7	0.44	1.5	Lg. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	56
gray birch	Betula populifolia	NSL	Low	4.7	0.42	1.43	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	57
laurel oak	Quercus laurifolia	NDH	Medium	4.6	0.36	1.23	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good			2	58
swamp chestnut oak	Quercus michauxii	NSL	Low	4.3	0.27	0.84	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good			2	59
shortleaf pine	Pinus echinata	WDH	High	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat	Likely +	Likely +	3	60
slash pine	Pinus elliottii	NDH	High	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			0	61
longleaf pine	Pinus palustris	NSH	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			3	62
pond pine	Pinus serotina	NSH	Medium	0	0	0	New Habitat	New Habitat	Low	Absent	New Habitat	New Habitat	Likely +	Likely +	3	63
bald cypress	Taxodium distichum	NSH	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat	Migrate +	Migrate +	3	64
pond cypress	Taxodium ascendens	NSH	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			3	65
florida maple	Acer barbatum	NSL	Low	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat			3	66
striped maple	Acer pensylvanicum	NSL	Medium	0	0	0	Unknown	Unknown	Medium	Absent	Unknown	Unknown			0	67
yellow buckeye	Aesculus flava	NSL	Low	0	0	0	Unknown	Unknown	Low	Modeled	Unknown	Unknown			0	68
cittamwood/gum bumelia	Sideroxylon lanuginosum ssp	NSL	Low	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat			0	69
water hickory	Carya aquatica	NSL	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			3	70
pecan	Carya illinoensis	NSH	Low	0	0	0	New Habitat	New Habitat	Low	Absent	New Habitat	New Habitat			3	71
black hickory	Carya texana	NDL	High	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			0	72
sugarberry	Celtis laevigata	NDH	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			3	73
eastern redbud	Cercis canadensis	NSL	Low	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat	Migrate +	Migrate +	3	74
common persimmon	Diospyros virginiana	NSL	Low	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat	Likely +	Likely +	3	75
silverbell	Halesia spp.	NSL	Low	0	0	0	Unknown	Unknown	Medium	Absent	Unknown	Unknown			0	76
sweetbay	Magnolia virginiana	NSL	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat	Likely +	Likely +	3	77
water tupelo	Nyssa aquatica	NSH	Medium	0	0	0	New Habitat	New Habitat	Low	Absent	New Habitat	New Habitat	Migrate +	Migrate +	3	78
swamp tupelo	Nyssa biflora	NDH	Medium	0	0	0	New Habitat	New Habitat	Low	Absent	New Habitat	New Habitat	Migrate +	Migrate ++	3	79
sourwood	Oxydendrum arboreum	NDL	High	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat	Migrate +	Migrate +	3	80
redbay	Persea borbonia	NSL	Low	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat	Migrate +		3	81
cherrybark oak; swamp red o	Quercus pagoda	NSL	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat	Migrate +	Migrate +	3	82
overcup oak	Quercus lyrata	NSL	Medium	0	0	0	New Habitat	New Habitat	Low	Absent	New Habitat	New Habitat			3	83
blackjack oak	Quercus marilandica	NSL	Medium	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat	Migrate +	Migrate +	3	84
chinkapin oak	Quercus muehlenbergii	NSL	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat	Migrate +	Migrate +	3	85
water oak	Quercus nigra	WDH	High	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat	Migrate +	Migrate ++	3	86
willow oak	Quercus phellos	NSL	Low	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat	Likely +	Likely +	3	87
post oak	Quercus stellata	WDH	High	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat	Likely +	Likely +	3	88
live oak	Quercus virginiana	NDH	High	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			0	89
bluejack oak	Quercus incana	NSL	Low	0	0	0	Unknown	New Habitat	Medium	Absent	Unknown	New Habitat			0	90
winged elm	Ulmus alata	WDL	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat	Migrate +	Migrate ++	3	91