

Common Name	Scientific Name	Range	MR	%Cell	FIAsum	FIaiv	ChngCl45	ChngCl85	Adap	Abund	Capabil45	Capabil85	SHIFT45	SHIFT85	SSO	N
chestnut oak	Quercus prinus	NDH	High	64.8	623.22	15.96	Sm. dec.	Sm. dec.	High	Abundant	Good	Good				0 1
yellow-poplar	Liriodendron tulipifera	WDH	High	40.9	445.7	13.57	Sm. dec.	Lg. dec.	High	Common	Fair	Fair				0 2
red maple	Acer rubrum	WDH	High	52.3	421.15	10.21	Sm. dec.	Sm. dec.	High	Common	Fair	Fair				0 3
white oak	Quercus alba	WDH	Medium	58	402.58	11.19	Sm. inc.	Sm. inc.	High	Common	Very Good	Very Good				0 4
black locust	Robinia pseudoacacia	NDH	Low	46.6	349.8	10.87	Lg. dec.	Sm. dec.	Medium	Common	Poor	Poor				0 5
black cherry	Prunus serotina	WDL	Medium	58	308.11	8.09	No change	No change	Low	Common	Poor	Poor				0 6
white ash	Fraxinus americana	WDL	Medium	46.6	281.41	7.84	No change	No change	Low	Common	Poor	Poor				0 7
northern red oak	Quercus rubra	WDH	Medium	46.6	233.07	7.8	Sm. inc.	Sm. inc.	High	Common	Very Good	Very Good				0 8
eastern redcedar	Juniperus virginiana	WDH	Medium	14.8	196.97	17.63	Lg. inc.	Lg. inc.	Medium	Common	Very Good	Very Good				0 9
pignut hickory	Carya glabra	WDL	Medium	50	174.2	6.47	No change	No change	Medium	Common	Fair	Fair				0 10
black oak	Quercus velutina	WDH	High	48.9	153.41	6.06	Lg. inc.	Lg. inc.	Medium	Common	Very Good	Very Good				0 11
black walnut	Juglans nigra	WDH	Low	35.2	143.45	6.12	No change	Sm. inc.	Medium	Common	Fair	Good				0 12
Virginia pine	Pinus virginiana	NDH	High	28.4	140.75	8.32	No change	No change	Medium	Common	Fair	Fair				0 13
sweet birch	Betula lenta	NDH	High	18.2	138.64	7.63	Lg. dec.	Lg. dec.	Low	Common	Very Poor	Very Poor				0 14
scarlet oak	Quercus coccinea	WDL	Medium	29.5	126.58	6.32	Sm. dec.	Sm. dec.	Medium	Common	Poor	Poor				0 15
blackgum	Nyssa sylvatica	WDL	Medium	40.9	125.2	5.43	Sm. inc.	Sm. inc.	High	Common	Very Good	Very Good				0 16
hackberry	Celtis occidentalis	WDH	Medium	23.9	114.47	5.62	Sm. dec.	No change	High	Common	Fair	Good				0 17
mockernut hickory	Carya alba	WDL	Medium	28.4	114.15	5.54	Sm. inc.	Lg. inc.	High	Common	Very Good	Very Good				0 18
boxelder	Acer negundo	WSH	Low	13.6	106.09	11	No change	No change	High	Common	Good	Very Good				0 19
ailanthus	Ailanthus altissima	NSL	FIA	35.2	104.23	4.35	Unknown	Unknown	NA	Common	NNIS	NNIS				0 20
bitternut hickory	Carya cordiformis	WSL	Low	25	99.03	7.55	Sm. inc.	Sm. inc.	High	Common	Very Good	Very Good				0 21
shagbark hickory	Carya ovata	WSL	Medium	26.1	77.84	4.41	Sm. inc.	Sm. inc.	Medium	Common	Good	Good				0 22
sassafras	Sassafras albidum	WSL	Low	27.3	75.84	3.75	Sm. inc.	Sm. inc.	Medium	Common	Good	Good				0 23
loblolly pine	Pinus taeda	WDH	High	3.4	73.05	21.43	Sm. inc.	Lg. inc.	Medium	Common	Good	Very Good				0 24
American beech	Fagus grandifolia	WDH	High	11.4	72.7	6.4	Sm. inc.	Sm. inc.	Medium	Common	Good	Good				0 25
sugar maple	Acer saccharum	WDH	High	11.4	71.17	6.26	Lg. inc.	Lg. inc.	High	Common	Very Good	Very Good				0 26
eastern white pine	Pinus strobus	WDH	High	9.1	69.03	7.59	Sm. dec.	Lg. dec.	Low	Common	Poor	Very Poor				0 27
sycamore	Platanus occidentalis	NSL	Low	20.5	64.85	5.01	Lg. inc.	Lg. inc.	Medium	Common	Very Good	Very Good				0 28
silver maple	Acer saccharinum	NSH	Low	6.8	48.76	18.68	No change	No change	High	Rare	Fair	Fair				0 29
American basswood	Tilia americana	WSL	Medium	6.8	31.53	4.63	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor				0 30
pin oak	Quercus palustris	NSH	Low	10.2	29.93	14.22	No change	Sm. inc.	Low	Rare	Very Poor	Poor				0 31
American elm	Ulmus americana	WDH	Medium	23.9	29.57	2.65	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good				0 32
eastern redbud	Cercis canadensis	NSL	Low	14.8	22.39	2.08	Sm. inc.	Lg. inc.	Medium	Rare	Fair	Good				0 33
red mulberry	Morus rubra	NSL	Low	6.8	20.51	11.02	Sm. dec.	No change	Medium	Rare	Very Poor	Poor				0 34
white mulberry	Morus alba	NSL	FIA	8	16.38	6.65	Unknown	Unknown	NA	Rare	NNIS	NNIS				0 35
serviceberry	Amelanchier spp.	NSL	Low	10.2	15.99	1.56	Lg. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor				0 36
eastern hemlock	Tsuga canadensis	NSH	High	4.5	14.92	3.28	Lg. dec.	Lg. dec.	Low	Rare	Very Poor	Very Poor				0 37
slippery elm	Ulmus rubra	WSL	Low	11.4	14.91	2.08	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good				0 38
pawpaw	Asimina triloba	NSL	Low	9.1	13.6	2.61	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor				0 39
pitch pine	Pinus rigida	NSH	High	8	11.34	2.68	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor				0 40
Osage-orange	Maclura pomifera	NDH	Medium	2.3	10.93	4.81	Sm. dec.	Sm. inc.	High	Rare	Poor	Good				0 41
green ash	Fraxinus pennsylvanica	WSH	Low	6.8	10.27	3.47	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good				0 42
flowering dogwood	Cornus florida	WDL	Medium	20.5	9.59	0.76	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good				0 43
honeylocust	Gleditsia triacanthos	NSH	Low	2.3	7.67	3.38	No change	Sm. inc.	High	Rare	Fair	Good				0 44
common persimmon	Diospyros virginiana	NSL	Low	1.1	7.5	6.6	Sm. inc.	Lg. inc.	High	Rare	Good	Good				0 45
cucumbertree	Magnolia acuminata	NSL	Low	2.3	6.7	2.95	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor				0 46
eastern hophornbeam; ironw	Ostrya virginiana	WSL	Low	9.1	5.06	1.22	Sm. inc.	Lg. inc.	High	Rare	Good	Good				0 47
river birch	Betula nigra	NSL	Low	2.3	4.85	2.13	Sm. dec.	Sm. inc.	Medium	Rare	Very Poor	Fair				0 48
Scotch pine	Pinus sylvestris	NSH	FIA	2.3	4.06	1.78	Unknown	Unknown	NA	Rare	NNIS	NNIS				0 49
American hornbeam; muscle	Carpinus caroliniana	WSL	Low	4.5	4	0.88	No change	Lg. inc.	Medium	Rare	Poor	Good				0 50
Table Mountain pine	Pinus pungens	NSL	Low	1.1	3.78	3.33	Sm. dec.	Sm. dec.	High	Rare	Poor	Poor				0 51
swamp chestnut oak	Quercus michauxii	NSL	Low	1.1	3.58	3.15	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor				0 52
Norway maple	Acer platanoides	NSL	FIA	1.1	3.13	2.75	Unknown	Unknown	NA	Rare	NNIS	NNIS				0 53

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chinkapin oak	Quercus muehlenbergii	NSL	Medium	1.1	2.81	2.47	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good			0	54
willow oak	Quercus phellos	NSL	Low	1.1	2.61	2.3	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good			0	55
paulownia	Paulownia tomentosa	NSL	FIA	1.1	2.31	2.03	Unknown	Unknown	NA	Rare	NNIS	NNIS			0	56
shortleaf pine	Pinus echinata	WDH	High	1.1	1.88	1.65	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good			0	57
chokecherry	Prunus virginiana	NSLX	FIA	1.1	1.82	1.6	Unknown	Unknown	Medium	Rare	FIA Only	FIA Only			0	58
pin cherry	Prunus pensylvanica	NSL	Low	1.1	1.59	1.4	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	59
yellow birch	Betula alleghaniensis	NDL	High	1.1	0.99	0.87	Lg. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			0	60
shingle oak	Quercus imbricaria	NDH	Medium	1.1	0.8	0.7	Very Lg. dec.	Very Lg. dec.	Medium	Rare	Lost	Lost			0	61
butternut	Juglans cinerea	NSLX	FIA	4.5	0.68	2.4	Unknown	Unknown	Low	Rare	FIA Only	FIA Only			0	62
southern red oak	Quercus falcata	WDL	Medium	4.5	0.59	2.08	Lg. inc.	Lg. inc.	High	Rare	Good	Good			0	63
bear oak; scrub oak	Quercus ilicifolia	NSLX	FIA	4.5	0.19	0.7	Unknown	Unknown	Medium	Rare	FIA Only	FIA Only			0	64
ashe juniper	Juniperus ashei	NDH	High	0	0	0	New Habitat	New Habitat	NA	Absent	New Habitat	New Habitat			0	65
red spruce	Picea rubens	NDH	High	0	0	0	Unknown	Unknown	Low	Absent	Unknown	Unknown			0	66
bald cypress	Taxodium distichum	NSH	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			0	67
florida maple	Acer barbatum	NSL	Low	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat			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
pecan	Carya illinoensis	NSH	Low	0	0	0	New Habitat	New Habitat	Low	Absent	New Habitat	New Habitat			0	70
shellbark hickory	Carya laciniosa	NSL	Low	0	0	0	Unknown	Unknown	Medium	Modeled	Unknown	Unknown			0	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			0	73
sweetgum	Liquidambar styraciflua	WDH	High	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			0	74
bigleaf magnolia	Magnolia macrophylla	NSL	Low	0	0	0	Unknown	Unknown	Medium	Absent	Unknown	Unknown			0	75
sourwood	Oxydendrum arboreum	NDL	High	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat			0	76
quaking aspen	Populus tremuloides	WDH	High	0	0	0	Unknown	Unknown	Medium	Modeled	Unknown	Unknown			0	77
cherrybark oak; swamp red o	Quercus pagoda	NSL	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			0	78
overcup oak	Quercus lyrata	NSL	Medium	0	0	0	New Habitat	New Habitat	Low	Absent	New Habitat	New Habitat			0	79
blackjack oak	Quercus marilandica	NSL	Medium	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat			0	80
water oak	Quercus nigra	WDH	High	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			0	81
Shumard oak	Quercus shumardii	NSL	Low	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat			0	82
post oak	Quercus stellata	WDH	High	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat			0	83
live oak	Quercus virginiana	NDH	High	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			0	84
black willow	Salix nigra	NSH	Low	0	0	0	New Habitat	New Habitat	Low	Absent	New Habitat	New Habitat			0	85
winged elm	Ulmus alata	WDL	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			0	86
cedar elm	Ulmus crassifolia	NDH	Medium	0	0	0	New Habitat	New Habitat	Low	Absent	New Habitat	New Habitat			0	87