

SPECIES SCIENTIFIC NAME	SPECIES COMMON NAME	TOTAL n	SIZE	GRAVEL BED SUITABILITY RATING*	TRANSPLANT RATING**	TRANSPLANT SEASON PREFERENCE
<i>Acer x freemanii</i> Jeffersred	Autumn Blaze maple	10	1.0" caliper	Excellent	Excellent	Summer through early Autumn
<i>A. f.</i> 'Bailston'	Matador maple	10	1.0" caliper	Excellent	n/a***	n/a***
<i>A. platanoides</i>	Norway maple	20	1.5-1.75" caliper	Good	Good	Summer through Autumn
<i>A. rubrum</i>	Red maple	20	1.5" caliper	Fair	Fair	Summer through early Autumn
<i>A. saccharinum</i>	Silver maple	20	1.5" caliper	Good	Good	Summer through early Autumn
<i>A. s.</i> 'Silver Queen'	Silver Queen silver maple	10	1.0" caliper	Excellent	n/a***	n/a***
<i>A. saccharum</i>	Sugar maple	20	1.5" caliper	Fair	Good	Summer through early Autumn
<i>Aesculus glabra</i>	Ohio buckeye	20	5-6' branched	Fair	Fair	Autumn
<i>A. glabra</i>	Ohio buckeye	30	1-0 seedlings	Fair	Excellent	Autumn
<i>Alnus glutinosa</i>	European black alder	20	1.25" caliper	Excellent	Excellent	Early Autumn
<i>A. hirsuta</i> 'Harbin'	Prairie Horizon alder	20	1.25" caliper	Excellent	Excellent	Early Autumn
<i>Amelanchier canadensis</i>	Serviceberry	30	2-3' branched	Fair	Good	Early Autumn
<i>Aronia melanocarpa</i>	Black Chokeberry	30	18-24" branched	Excellent	Excellent	Summer through early Autumn
<i>Betula nigra</i>	River birch	30	5-6' branched	Fair	Fair	Late Summer through Early Autumn
<i>B. nigra</i>	River birch	60	2-3' 2-0 seedlings	Excellent	Excellent	Late Summer through Early Autumn
<i>B. nigra</i>	River birch	75	1-0 seedlings	Excellent	Excellent	Late Summer through Early Autumn
<i>B. papyrifera</i>	Paper birch	30	1.0" caliper	Good	Good	Late Summer through Early Autumn
<i>B. p.</i> 'Varen'	Prairie Dream birch	20	1.0" caliper	Good	Good	Late Summer through Early Autumn
<i>B. platyphylla</i> 'VerDale'	Prairie Vision birch	20	1.0" caliper	Good	Good	Late Summer through Early Autumn
<i>B. populifolia</i> 'Whitespire'	Whitespire birch	20	1.0" caliper	Good	Good	Late Summer through Early Autumn
<i>Celtis occidentalis</i>	Common hackberry	30	5-6' branched	Fair	Good	Autumn
<i>C. occidentalis</i>	Common hackberry	70	3-4' lightly branched	Very Good	Very Good	Autumn
<i>C. occidentalis</i>	Common hackberry	45	2-3' whips	Excellent	Excellent	Autumn
<i>C. occidentalis</i>	Common hackberry	40	18-24" whips	Excellent	Excellent	Autumn
<i>Cercidiphyllum japonicum</i>	Katsura	30	1.25" caliper	Excellent	Poor	Late Summer through Early Autumn
<i>Cercis canadensis</i>	Eastern Redbud	10	1.25-1.5" caliper	Very Good	Very Good	Autumn
<i>Cornus alternifolia</i>	Pagoda dogwood	15	4-5' branched	Very Good	Very Good	
<i>C. amomum</i>	Silky dogwood	30	2' branched	Excellent	Excellent	Late Summer through Early Autumn
<i>C. mas</i>	Cornelian Cherry dogwood	10	6-7' branched	Excellent	n/a***	n/a***
<i>C. racemosa</i>	Gray dogwood	30	2' branched	Excellent	Excellent	Late Summer through Early Autumn
<i>C. r.</i> 'Jade'	Snowmantle gray dogwood	20	2' branched	Excellent	Excellent	Late Summer through Early Autumn
<i>C. sericea</i>	Redosier dogwood	30	2' branched	Excellent	Excellent	Late Summer through Early Autumn
<i>Corylus americana</i>	American hazelnut	15	2' branched	Excellent	Excellent	Autumn
<i>C. avellana</i> 'Jefferson'	Jefferson hazelnut	20	1.0" caliper	Good	Excellent	Autumn
<i>C. colurna</i>	Turkish filbert	15	2-3' whips	Very Good	Very Good	Late Summer through Autumn
<i>Crataegus crus-galli</i> 'Cruzam'	Crusader cockspur hawthorn	15	1.25" caliper	Very Good	Excellent	Late Summer through Autumn
<i>C. mollis</i>	Downy hawthorn	15	2-3' whips	Poor	Poor	Unknown
<i>C. phaenopyrum</i>	Washington hawthorn	15	2-3' whips	Poor	Poor	Unknown
<i>Fraxinus mandshurica</i>	Manchurian ash	45	2-3' whips	Excellent	Excellent	Late Summer through Early Autumn
<i>F. mandshurica</i>	Manchurian ash	45	3-4' whips	Excellent	Excellent	Late Summer through Early Autumn
<i>F. mandshurica</i>	Manchurian ash	85	4-5' lightly branched	Excellent	Excellent	Late Summer through Early Autumn
<i>Gleditsia triacanthos</i> var. <i>inermis</i>	Thornless honeylocust	45	3-4' whips	Excellent	Excellent	Late Summer through Early Autumn
<i>Gymnocladus dioicus</i>	Coffeetree	30	3-4' whips	Excellent	Excellent	Late Summer through Early Autumn
<i>G. dioicus</i>	Coffeetree	30	2-3' whips	Good	Good	Late Summer through Early Autumn
<i>G. dioicus</i> 'Bravo'	Bravo coffeetree	15	2-3' whips	Good	Good	Late Summer through Early Autumn

Juglans nigra	Black walnut	20	2-3' whips	Good	Good	Autumn
Larix laricina	Tamarack	70	1-0 seedlings	Excellent	Excellent	Autumn
L. laricina	Tamarack	30	2-0 seedlings	Excellent	Excellent	Autumn
Maackia amurensis	Amur maackia	30	2-3' whips	Good	Good	Autumn
M. amurensis 'Starburst'	Starburst Amur maackia	10	2-3' whips	Good	Good	Autumn
Malus species	Crabapple	30	4-5' branched	Excellent	Excellent	Autumn
Phellodendron amurensis 'His Majesty'	His Majesty corktree	20	5-6' branched	Fair	Fair	Late summer through Early Autumn
P. amurensis 'Macho'	Macho corktree	20	5-6' branched	Fair	Fair	Late Summer through Early Autumn
Physocarpus opulifolius	Common ninebark	30	2-3' whips	Excellent	Excellent	Late Summer through Autumn
Picea abies	Norway spruce	40	1-0 seedlings	Fair	Good	Late Summer through Autumn
P. glauca 'Densata'	Black Hills spruce	40	2-0 seedlings	Good	Good	Late Summer through Autumn
Pinus ponderosa	Ponderosa pine	30	2-0 seedlings	Good	Good	Late Summer through Autumn
P. resinosa	Norway pine	30	2-0 seedlings	Good	Good	Late Summer through Autumn
P. strobus	Eastern white pine	45	2-0 seedlings	Excellent	Excellent	Late Summer through Autumn
Platanus x acerifolia 'Morton Circle'	Exclamation! London plane tree	30	1.25" caliper	Good	Very Good	Late Summer through Autumn
Populus deltoides	Eastern cottonwood (male)	40	5-6' whips	Good	Excellent	Late Summer through Autumn
P. deltoides	Eastern cottonwood (male)	20	1.0" caliper	Good	Excellent	Late Summer through Autumn
Prunus americana	American plum	30	2-3' liners	Excellent	Excellent	Late Summer through Autumn
P. americana 'Prairie Red'	Prairie Red American plum	30	2-3' liners	Excellent	Excellent	Late Summer through Autumn
P. maackii	Amur chokecherry	40	2' liners	Excellent	Excellent	Summer and Autumn
P. serotina	Black Cherry	40	2-3' liners	Excellent	Excellent	Summer and Autumn
Pyrus ussuriensis	Ussurian pear	30	3' branched	Good	Excellent	Autumn
Quercus alba	White oak	20	5-6' branched	Poor	Poor	Autumn
Q. alba	White oak	30	3' branched	Good	Very Good	Autumn
Q. alba	White oak	30	1-0 liners	Excellent	Excellent	Autumn
Q. ellipsoidalis 'Bailskies'	Majestic Skies Northern pin oak	20	5-6' heavily branched	Fair	Good	Autumn
Q. macrocarpa	Bur oak	20	1.5" caliper	Poor	Poor	Autumn
Q. macrocarpa	Bur oak	45	1.25" caliper	Poor	Poor	Autumn
Q. macrocarpa	Bur oak	30	3' branched	Good	Very Good	Autumn
Q. macrocarpa	Bur oak	20	18-24" liners	Excellent	Excellent	Autumn
Q. macrocarpa	Bur oak	40	1-0 liners	Excellent	Excellent	Autumn
Q. rubra	Red oak	30	5-6' heavily branched	Poor	Poor	Autumn
Rhus typhina	Staghorn sumac	45	2-3' liners	Excellent	Poor in summer, Excellent in Autumn	Autumn
Rhus glabra	Smooth sumac	30	2-3' liners	Excellent	Poor in summer, Excellent in Autumn	Autumn
Salix amygdaloides	Peach leaf willow	30	4-5' whips	Good	Good	Autumn
S. amygdaloides	Peach leaf willow	80	2' liners	Excellent	Excellent	Autumn
Shepherdia argentea	Silver Buffaloberry	20	18-24" liners	Good	Good	Late Summer through Autumn
Sorbus americana	American mountain-ash	60	2-3' whips	Good	Good	Late Summer through Autumn
Syringa pekinensis 'SunDak'	Copper Curly tree lilac	15	5-6' branched	Excellent	Excellent	Late Summer through Autumn
S. p. 'Zhang Zhiming'	Beijing Gold tree lilac	15	1.25" caliper	Fair to Good	Excellent	Late Summer through Autumn
S. reticulata	Japanese tree lilac	30	3-4' branched	Excellent	Excellent	Late Summer through Autumn
S. vulgaris	Common lilac	60	2' whips	Excellent	Excellent	Late Summer through Autumn
Thuja occidentalis	Northern white cedar	45	3-0 liners	Excellent	Excellent	Summer and Autumn
Tilia americana 'Redmond'	Redmond American linden	30	1.25" caliper	Good	Good	Late Summer through Autumn
T. cordata	Littleleaf linden	30	1.25" caliper	Fair	Fair	Late Summer through Autumn

Ulmus americana 'American Liberty'	American Liberty elm	20	3-4' liners	Good	Good	Late Summer through Autumn
U. americana 'New Horizon'	New Horizon elm	20	1.0" caliper	Excellent	Excellent	Late Summer through Autumn
U. americana 'Prairie Expedition'	Prairie Expedition elm	20	1.0" caliper	Excellent	Excellent	Late Summer through Autumn
U. americana 'Princeton'	Princeton elm	20	1.0" caliper	Excellent	Excellent	Late Summer through Autumn
U. americana 'Saint Croix'	Saint Croix elm	30	1.0" caliper	Good	Good	Late Summer through Autumn
U. americana 'Valley Forge'	Valley Forge elm	30	1.0" caliper	Good	Good	Late Summer through Autumn
U. davidiana var. japonica 'Discovery'	Discovery elm	20	1.0" caliper	Excellent	Excellent	Late Summer through Autumn
U. x 'Frontier'	Frontier elm	30	1.0" caliper	Excellent	Excellent	Late Summer through Autumn
Viburnum dentatum	Arrowwood viburnum	60	2-3' liners	Excellent	Excellent	Late Summer through Autumn
V. lentago	Nannyberry viburnum	60	2-3' liners	Excellent	Excellent	Late Summer through Autumn
V. trilobum	American cranberrybush viburnum	45	2-3' liners	Excellent	Excellent	Late Summer through Autumn
<p><b>*Gravel Bed Suitability Rating. This is based on amount of fine root growth as well as foliage retention. It is a 1-5 scale with 1=poor, 2=fair, 3=good, 4=very good, 5=excellent.</b></p> <p><b>**Transplant Rating based on survival and amount of die-back at the end of the growing season following transplanting. It is on a 1-5 scale with 1=less than 10% survival and living trees with uniform dieback; 2=10-25% survival with die-back on 25% of the trees; 3=25-50% survival with less than 25% of the trees with die-back; 4=75% or more survival and less than 10% of trees with die-back; 5=100% survival and little to no dieback. The numbers then correlate as 1=poor, 2=fair, 3=good, 4=very good, 5=excellent.</b></p> <p><b>n/a***. This indicates the trees have not gone through the transplant evaluation process as of 10-3-18.</b></p>						