

TABLE 11.--WINDBREAKS AND ENVIRONMENTAL PLANTINGS

(The symbol < means less than; > means more than. Absence of an entry indicates that trees generally do not grow to the given height on that soil)

Map symbol and soil name	Trees having predicted 20-year average height, in feet, of--				
	<8	8-15	16-25	26-35	>35
AmD2: Amanda-----	American cranberrybush.	Washington hawthorn, eastern redcedar, southern arrowwood.	Osageorange, Austrian pine.	Green ash, eastern white pine.	Northern red oak.
AmE: Amanda-----	American cranberrybush.	Washington hawthorn, eastern redcedar, southern arrowwood.	Osageorange, Austrian pine.	Green ash, eastern white pine.	Northern red oak.
AmF: Amanda-----	American cranberrybush.	Washington hawthorn, eastern redcedar, southern arrowwood.	Osageorange, Austrian pine.	Green ash, eastern white pine.	Northern red oak.
BeA: Bennington-----	Silky dogwood, southern arrowwood.	American cranberrybush, European alder, Washington hawthorn, baldcypress, blackhaw, eastern redcedar.	Green ash, osageorange, Austrian pine, Norway spruce, northern whitecedar.	Shumard's oak, pin oak.	Swamp white oak.
BeB: Bennington-----	Silky dogwood, southern arrowwood.	American cranberrybush, European alder, Washington hawthorn, baldcypress, blackhaw, eastern redcedar.	Green ash, osageorange, Austrian pine, Norway spruce, northern whitecedar.	Shumard's oak, pin oak.	Swamp white oak.
BoA: Blount-----	Silky dogwood, southern arrowwood.	American cranberrybush, European alder, Washington hawthorn,	Green ash, osageorange, Austrian pine, Norway spruce, northern	Shumard's oak, pin oak.	Swamp white oak.

BoB:

Blount-----

Silky dogwood,
southern arrowwood.

American
cranberrybush,
European alder,
Washington
hawthorn,
baldcypress,
blackhaw, eastern
redcedar.

baldcypress,
blackhaw, eastern
redcedar.

Green ash,
osageorange,
Austrian pine,
Norway spruce,
northern
whitecedar.

whitecedar.

Shumard's oak, pin
oak.

Swamp white oak.

Map symbol and soil name	Trees having predicted 20-year average height, in feet, of--				
	<8	8-15	16-25	26-35	>35
CaB: Cardington-----	American cranberrybush, blackhaw.	Southern arrowwood, Washington hawthorn, eastern redcedar.	Baldcypress, osageorange, Austrian pine, northern whitecedar.	Norway spruce, green ash, black oak, pin oak.	Northern red oak.
CaC2: Cardington-----	American cranberrybush, blackhaw.	Southern arrowwood, Washington hawthorn, eastern redcedar.	Baldcypress, osageorange, Austrian pine, northern whitecedar.	Norway spruce, green ash, black oak, pin oak.	Northern red oak.
CeB: Centerburg-----	American cranberrybush, blackhaw.	Southern arrowwood, Washington hawthorn, eastern redcedar.	Baldcypress, osageorange, Austrian pine, northern whitecedar.	Norway spruce, green ash, black oak, pin oak.	Northern red oak.
CeC2: Centerburg-----	American cranberrybush, blackhaw.	Southern arrowwood, Washington hawthorn, eastern redcedar.	Baldcypress, osageorange, Austrian pine, northern whitecedar.	Norway spruce, green ash, black oak, pin oak.	Northern red oak.
CnA: Condit-----	Silky dogwood.	American cranberrybush, European alder, baldcypress.	Washington hawthorn, northern whitecedar, Austrian pine, eastern redcedar, green ash.	Norway spruce, swamp white oak.	Pin oak.
EdA: Edwards-----	Common ninebark, silky dogwood.	Nannyberry.	Black willow.	---	---

Map symbol and soil name	Trees having predicted 20-year average height, in feet, of--				
	<8	8-15	16-25	26-35	>35
GaC2: Gallman-----	Japanese tree lilac, Siberian peashrub, redbud.	European alder, radiant crabapple, Siberian crabapple, Washington hawthorn, eastern redcedar.	Austrian pine, osageorange, blue spruce, eastern white pine, Norway spruce, northern whitecedar.	White oak, white spruce.	Northern red oak, white ash, eastern white pine.
GbA: Gallman-----	Japanese tree lilac, Siberian peashrub, redbud.	European alder, radiant crabapple, Siberian crabapple, Washington hawthorn, eastern redcedar.	Austrian pine, osageorange, blue spruce, eastern white pine, Norway spruce, northern whitecedar.	White oak, white spruce.	Northern red oak, white ash, eastern white pine.
GbB: Gallman-----	Japanese tree lilac, Siberian peashrub, redbud.	European alder, radiant crabapple, Siberian crabapple, Washington hawthorn, eastern redcedar.	Austrian pine, osageorange, blue spruce, eastern white pine, Norway spruce, northern whitecedar.	White oak, white spruce.	Northern red oak, white ash, eastern white pine.
GcB: Gallman-----	Japanese tree lilac, Siberian peashrub, redbud.	European alder, radiant crabapple, Siberian crabapple, Washington hawthorn, eastern redcedar.	Austrian pine, osageorange, blue spruce, eastern white pine, Norway spruce, northern whitecedar.	White oak, white spruce.	Northern red oak, white ash, eastern white pine.
GwB: Glynwood-----	American cranberrybush, blackhaw.	Southern arrowwood, Washington hawthorn, eastern redcedar.	Baldcypress, osageorange, Austrian pine, northern whitecedar.	Norway spruce, green ash, black oak, pin oak.	Northern red oak.
GwC2: Glynwood-----	American cranberrybush, blackhaw.	Southern arrowwood, Washington hawthorn, eastern redcedar.	Baldcypress, osageorange, Austrian pine, northern whitecedar.	Norway spruce, green ash, black oak, pin oak.	Northern red oak.

GzC3: Glynwood-----	American cranberrybush, blackhaw.	Southern arrowwood, Washington hawthorn, eastern redcedar.	Baldcypress, osageorange, Austrian pine, northern whitecedar.	Norway spruce, green ash, black oak, pin oak.	Northern red oak.
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Map symbol and soil name	Trees having predicted 20-year average height, in feet, of--				
	<8	8-15	16-25	26-35	>35
HeF: Heverlo-----	American cranberrybush.	Washington hawthorn, eastern redcedar, southern arrowwood.	Osageorange, Austrian pine.	Green ash, eastern white pine.	Northern red oak.
HyA: Hyatts-----	Silky dogwood, southern arrowwood.	American cranberrybush, European alder, Washington hawthorn, baldcypress, blackhaw, eastern redcedar.	Green ash, osageorange, Austrian pine, Norway spruce, northern whitecedar.	Shumard's oak, pin oak.	Swamp white oak.
HyB: Hyatts-----	Silky dogwood, southern arrowwood.	American cranberrybush, European alder, Washington hawthorn, baldcypress, blackhaw, eastern redcedar.	Green ash, osageorange, Austrian pine, Norway spruce, northern whitecedar.	Shumard's oak, pin oak.	Swamp white oak.
JmA: Jimtown-----	Silky dogwood.	American cranberrybush, European alder, Washington hawthorn.	White fir, baldcypress, blue spruce, eastern redcedar, northern whitecedar.	Austrian pine, Norway spruce, green ash, pin oak.	Eastern white pine.
LbF: Latham-----	American cranberrybush.	Washington hawthorn, eastern redcedar, southern arrowwood.	Osageorange, Austrian pine.	Green ash, eastern white pine.	Northern red oak.
Brecksville-----	American cranberrybush.	Washington hawthorn, eastern redcedar, southern arrowwood.	Osageorange, Austrian pine.	Green ash, eastern white pine.	Northern red oak.
LeE: Leoni-----	American cranberrybush.	Washington hawthorn, eastern redcedar, southern arrowwood.	Osageorange, Austrian pine.	Green ash, eastern white pine.	Northern red oak.

LoA:

Lobdell-----

Silky dogwood.

American
cranberrybush,
blackhaw, European
alder, Washington
hawthorn, eastern
redcedar, southern
arrowwood.

Osageorange, blue
spruce, northern
whitecedar.

Austrian pine,
Norway spruce.

Pin oak, eastern
white pine.

Map symbol and soil name	Trees having predicted 20-year average height, in feet, of--				
	<8	8-15	16-25	26-35	>35
LsA: Lobdell-----	Silky dogwood.	American cranberrybush, blackhaw, European alder, Washington hawthorn, eastern redcedar, southern arrowwood.	Osageorange, blue spruce, northern whitecedar.	Austrian pine, Norway spruce.	Pin oak, eastern white pine.
Sloan-----	Silky dogwood.	American cranberrybush, European alder, baldcypress.	Washington hawthorn, northern whitecedar, Austrian pine, eastern redcedar, green ash.	Norway spruce, swamp white oak.	Pin oak.
LvB: Loudonville-----	Japanese tree lilac, Siberian peashrub, redbud.	Washington hawthorn, eastern redcedar, radiant crabapple.	Austrian pine, osageorange, eastern white pine.	---	---
LyD2: Lybrand-----	American cranberrybush.	Washington hawthorn, eastern redcedar, southern arrowwood.	Osageorange, Austrian pine.	Green ash, eastern white pine.	Northern red oak.
LyE2: Lybrand-----	American cranberrybush.	Washington hawthorn, eastern redcedar, southern arrowwood.	Osageorange, Austrian pine.	Green ash, eastern white pine.	Northern red oak.
LzD3: Lybrand-----	American cranberrybush.	Washington hawthorn, eastern redcedar, southern arrowwood.	Osageorange, Austrian pine.	Green ash, eastern white pine.	Northern red oak.
MaB: Martinsville-----	Japanese tree lilac, Siberian peashrub, redbud.	European alder, radiant crabapple, Siberian crabapple, Washington hawthorn, eastern redcedar.	Austrian pine, osageorange, blue spruce, eastern white pine, Norway spruce, northern whitecedar.	White oak, white spruce.	Northern red oak, white ash, eastern white pine.
MbB:					

Martinsville-----	Japanese tree lilac, Siberian peashrub, redbud.	European alder, radiant crabapple, Siberian crabapple, Washington hawthorn, eastern redcedar.	Austrian pine, osageorange, blue spruce, eastern white pine, Norway spruce, northern whitecedar.	White oak, white spruce.	Northern red oak, white ash, eastern white pine.
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Map symbol and soil name	Trees having predicted 20-year average height, in feet, of--				
	<8	8-15	16-25	26-35	>35
McD2: Mentor-----	American cranberrybush.	Washington hawthorn, eastern redcedar, southern arrowwood.	Osageorange, Austrian pine.	Green ash, eastern white pine.	Northern red oak.
MfA: Millgrove-----	Silky dogwood.	American cranberrybush, European alder, baldcypress.	Washington hawthorn, northern whitecedar, Austrian pine, eastern redcedar, green ash.	Norway spruce, swamp white oak.	Pin oak.
MgA: Millgrove-----	Silky dogwood.	American cranberrybush, European alder, baldcypress.	Washington hawthorn, northern whitecedar, Austrian pine, eastern redcedar, green ash.	Norway spruce, swamp white oak.	Pin oak.
MhA: Millgrove-----	Silky dogwood.	American cranberrybush, European alder, baldcypress.	Washington hawthorn, northern whitecedar, Austrian pine, eastern redcedar, green ash.	Norway spruce, swamp white oak.	Pin oak.
MoB: Milton-----	Japanese tree lilac, Siberian peashrub, redbud.	Washington hawthorn, eastern redcedar, radiant crabapple.	Austrian pine, osageorange, eastern white pine.	---	---
MoC2: Milton-----	Japanese tree lilac, Siberian peashrub, redbud.	Washington hawthorn, eastern redcedar, radiant crabapple.	Austrian pine, osageorange, eastern white pine.	---	---
MpD2: Milton-----	American cranberrybush.	Washington hawthorn, eastern redcedar, southern arrowwood.	Osageorange, Austrian pine.	Green ash, eastern white pine.	Northern red oak.
Lybrand-----	American	Washington hawthorn,	Osageorange,	Green ash, eastern	Northern red oak.

	cranberrybush.	eastern redcedar, southern arrowwood.	Austrian pine.	white pine.	
PaA: Pacer-----	Silky dogwood.	American cranberrybush, European alder, Washington hawthorn.	White fir, baldcypress, blue spruce, eastern redcedar, northern whitecedar.	Austrian pine, Norway spruce, green ash, pin oak.	Eastern white pine.

Map symbol and soil name	Trees having predicted 20-year average height, in feet, of--				
	<8	8-15	16-25	26-35	>35
PwA: Pewamo-----	Silky dogwood.	American cranberrybush, European alder, baldcypress.	Washington hawthorn, northern whitecedar, Austrian pine, eastern redcedar, green ash.	Norway spruce, swamp white oak.	Pin oak.
Pz: Pits-----	---	---	---	---	---
RdB2: Rarden-----	American cranberrybush, blackhaw.	Southern arrowwood, Washington hawthorn, eastern redcedar.	Baldcypress, osageorange, Austrian pine, northern whitecedar.	Norway spruce, green ash, black oak, pin oak.	Northern red oak.
RdC2: Rarden-----	American cranberrybush, blackhaw.	Southern arrowwood, Washington hawthorn, eastern redcedar.	Baldcypress, osageorange, Austrian pine, northern whitecedar.	Norway spruce, green ash, black oak, pin oak.	Northern red oak.
RdF2: Rarden-----	American cranberrybush.	Washington hawthorn, eastern redcedar, southern arrowwood.	Osageorange, Austrian pine.	Green ash, eastern white pine.	Northern red oak.
RoA: Rossburg-----	Japanese tree lilac, Siberian peashrub, redbud.	European alder, radiant crabapple, Siberian crabapple, Washington hawthorn, eastern redcedar.	Austrian pine, osageorange, blue spruce, eastern white pine, Norway spruce, northern whitecedar.	White oak, white spruce.	Northern red oak, white ash, eastern white pine.
RsA: Rossburg-----	Japanese tree lilac, Siberian peashrub, redbud.	European alder, radiant crabapple, Siberian crabapple, Washington hawthorn, eastern redcedar.	Austrian pine, osageorange, blue spruce, eastern white pine, Norway spruce, northern whitecedar.	White oak, white spruce.	Northern red oak, white ash, eastern white pine.

Sloan-----	Silky dogwood.	American cranberrybush, European alder, baldcypress.	Washington hawthorn, northern whitecedar, Austrian pine, eastern redcedar, green ash.	Norway spruce, swamp white oak.	Pin oak.
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Map symbol and soil name	Trees having predicted 20-year average height, in feet, of--				
	<8	8-15	16-25	26-35	>35
ScA: Scioto-----	Redbud.	American cranberrybush, Washington hawthorn.	Austrian pine, osageorange.	Northern whitecedar, Norway spruce, eastern white pine.	Northern red oak.
ScB: Scioto-----	Redbud.	American cranberrybush, Washington hawthorn.	Austrian pine, osageorange.	Northern whitecedar, Norway spruce, eastern white pine.	Northern red oak.
SdC2: Scioto-----	Redbud.	American cranberrybush, Washington hawthorn.	Austrian pine, osageorange.	Northern whitecedar, Norway spruce, eastern white pine.	Northern red oak.
SfA: Scioto-----	Redbud.	American cranberrybush, Washington hawthorn.	Austrian pine, osageorange.	Northern whitecedar, Norway spruce, eastern white pine.	Northern red oak.
SgA: Shoals-----	Silky dogwood.	American cranberrybush, European alder, baldcypress.	Washington hawthorn, northern whitecedar, Austrian pine, eastern redcedar, green ash.	Norway spruce, swamp white oak.	Pin oak.
SkA: Sloan-----	Silky dogwood.	American cranberrybush, European alder, baldcypress.	Washington hawthorn, northern whitecedar, Austrian pine, eastern redcedar, green ash.	Norway spruce, swamp white oak.	Pin oak.
SnA: Sloan-----	Silky dogwood.	American cranberrybush, European alder, baldcypress.	Washington hawthorn, northern whitecedar, Austrian pine,	Norway spruce, swamp white oak.	Pin oak.

SoA:

Sloan-----

Silky dogwood.

American
cranberrybush,
European alder,
baldcypress.

eastern redcedar,
green ash.

Washington hawthorn,
northern
whitecedar,
Austrian pine,
eastern redcedar,
green ash.

Norway spruce, swamp
white oak.

Pin oak.

Map symbol and soil name	Trees having predicted 20-year average height, in feet, of--				
	<8	8-15	16-25	26-35	>35
SsA: Smothers-----	Silky dogwood, southern arrowwood.	American cranberrybush, European alder, Washington hawthorn, baldcypress, blackhaw, eastern redcedar.	Green ash, osageorange, Austrian pine, Norway spruce, northern whitecedar.	Shumard's oak, pin oak.	Swamp white oak.
SsB: Smothers-----	Silky dogwood, southern arrowwood.	American cranberrybush, European alder, Washington hawthorn, baldcypress, blackhaw, eastern redcedar.	Green ash, osageorange, Austrian pine, Norway spruce, northern whitecedar.	Shumard's oak, pin oak.	Swamp white oak.
StA: Stone-----	Silky dogwood.	American cranberrybush, European alder, baldcypress.	Washington hawthorn, northern whitecedar, Austrian pine, eastern redcedar, green ash.	Norway spruce, swamp white oak.	Pin oak.
SuA: Stone-----	Silky dogwood.	American cranberrybush, European alder, baldcypress.	Washington hawthorn, northern whitecedar, Austrian pine, eastern redcedar, green ash.	Norway spruce, swamp white oak.	Pin oak.
Uc: Udorthents-----	---	---	---	---	---
UdB: Udorthents, clayey-	---	---	---	---	---
Urban land-----	---	---	---	---	---
Up:					

Udorthents-----	---	---	---	---	---
Loamy-Pits-----	---	---	---	---	---
W: Water-----	---	---	---	---	---

