

# GUIDE TO MATCHING TREE SPECIES TO SOILS

Each tree species is best adapted to a specific range of soil and site conditions. To choose the appropriate species for your planting site you should be aware of the soil structure, texture and drainage. This chart will help you to match tree species with your soil conditions.

Soil Texture	NATURAL DRAINAGE		
	Well Drained	Moderately Drained	Poorly Drained
 <p><b>Sand</b></p>	Red Pine Red Oak White Birch Scotch Pine Fraser Fir Austrian Pine Colorado Spruce Black Cherry	Red Pine White Pine Red Oak White Oak Shagbark Hickory White/Norway Spruce European Larch Hybrid Poplar White Birch	White Pine White Spruce White Cedar Tamarack Silver Maple Red Maple Hackberry Red Osier Dogwood Nannyberry, Cranberry
 <p><b>Loam</b></p>	Red Pine Scotch Pine Austrian Pine Norway Spruce Colorado Spruce European Larch White Cedar Sugar Maple Black Walnut Red Oak Fraser Fir Hickories	Sugar Maple Red Maple White Birch Red Oak Black Walnut Hybrid Poplar Staghorn Sumac White Pine White/Norway Spruce Eastern Hemlock Balsam Fir White Oak	White Pine White Spruce White Cedar Tamarack Silver Maple Red Maple Red Osier Dogwood Balsam Fir Swamp White Oak Nannyberry Highbush Cranberry Hackberry
 <p><b>Clay</b></p>	White Spruce Norway Spruce White Cedar Hybrid Poplar Red Maple Bur Oak Swamp White Oak	White Pine White Spruce Norway Spruce White Cedar European Larch Silver Maple Hybrid Poplar Nannyberry/Cranberry	Tamarack White Cedar Silver Maple Red Maple Red Osier Dogwood