

Dealing with Wet Soils-Plant List

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Winter wet summer dry

During the rainy season water accumulates in these locations and can occasionally remain standing for a day or two. The soil can remain saturated for extended periods of time. Once the rains stop the soil dries remaining parched until the fall rains.

Seasonal standing water/ long periods of water saturation

These soils are consistently very moist with standing water for over a week during the rainy season. During very long drought it can dry out completely.

Very Moist but no standing water

These soils are often drainages where winter rains gather and are absorbed into the ground. Once the rains end they will shortly dry out. Many plants tolerating these conditions will need some watering during drought.

Trees

	Winter Wet	Standing Water	Very Moist
Abies grandis (grand fir)*	X		X
Acer circinatum (vine maple)*	X	X	X
Acer negundo (box elder)	X		X
Acer rubrum (red maple)	X		X
Acer saccharinum (silver maple)	X		X
Alnus glutinosa (black elder)	X	X	X
Alnus rubra (oregana) (red alder)*	X	X	X
Amelanchier canadensis (service berry)	X		X
Betula nigra (river birch)	X	X	X
Betula utilis var. jacquemontii			X
Catalpa speciosa (cigar tree)	X		X
Fraxinus pennsylvanica (green ash)	X		X
Liquidambar styraciflua (sweet gum)	X		X
Liriodendron tulipifera (tulip poplar)	X		X

Magnolia grandiflora (Southern magnolia)	X		X
Magnolia virginiana (sweetbay magnolia)	X		X
Malus fusca (Pacific crabapple)*	X		X
Metasequoia glyptostroboides (dawn redwood)	X	X	X
Nyssa sylvatica (black gum, sour gum)	X	X	X
Picea sitchensis (Sitka spruce)	X	X	X
Pinus contorta var. contorta (shore pine)*	X		X
Quercus phellos (willow oak)	X		X
Salix alba var. vitellina 'Britzensis' (red twig willow)	X	X	X
Salix magnifica (magnolia leaf willow)			X
Taxodium distichum (bald cypress)		X	X
Thuja plicata (red cedar)*	X		X

Shrubs

	Winter Wet	Standing Water	Very Moist
Andromeda polifolia (bog rosemary)			X
Aronia arbutifolia (red chokeberry)	X		X
Clethra alnifolia (summer sweet)			X
Cornus alba (redtwig dogwood)	X	X	X
Cornus sericea (stolonifera) (redtwig dogwood)*	X	X	X
Escallonia sp.	X		X
Fuchsia procumbens (creeping hardy fuchsia)			X
Ilex aquifolium 'Ferox Argentea' (variegated hedgehog holly)	X		X
Ilex crenata (Japanese holly)	X		X
Ilex verticillata (winterberry)		X	X
Itea virginica (sweet spire)			X
Leucothoe fontanesiana (drooping leucothoe)	X		X
Lonicera involucrata (twinberry)*	X		X

Myrica californica	X		X
Physocarpus opulifolius (ninebark)	X		X
Rhododendron viscosum (swamp azalea)		X	X
Rubus spectabilis (thimble berry)*	X		X
Salix integra 'Hakuro-nishiki' (dappled willow)		X	X
Salix nakamura var. yezoalpina (creeping alpine willow)			X
Salix purpurea (purple osier)	X	X	X
Sambucus nigra (elderberry)	X		X
Spirea douglasii (Western spirea)*	X	X	X
Symphoricarpos albus (snow berry)*	X		X
Vaccinium macrocarpon (cranberry)		X	X

Perennials

	Winter Wet	Standing Water	Very Moist
Acorus calamus (sweetflag)		X	X
Acorus gramineus (Japanese sweetflag)	X	X	X
Ajuga reptans (bugle weed)	X		X
Aruncus dioicus (goat's beard)			X
Arundo donax (giant reed grass)		X	X
Astilbe x arendsii (false spirea)			X
Astilboides tabularis			X
Caltha palustris (marsh marigold)		X	X
Carex elata 'Aurea' (Bowles golden sedge)			X
Carex 'Ice Dance' (variegated sedge)	X		X
Carex muskingumensis (palm sedge)			X
Chelone lyonii (turtlehead)			X
Dodecatheon sp. (shooting star)	X		X

Gunnera tinctoria (chilense) (prickly rhubarb)		X	X
Iris ensata (Japanese water iris)		X	X
Iris laevigata (water iris)		X	X
Iris sibirica (Siberian iris)			X
Iris versicolor (blue flag)		X	X
Ligularia sp.			X
Lobelia cardinalis (cardinal flower)		X	X
Lobelia siphilitica (great lobelia)		X	X
Lysimachia clethroides (gooseneck loosestrife)			X
Physostegia virginiana (obedient plant)			X
Primula sp.(candelabra primrose)			X
Rodgersia sp.			X
Tolmiea menziesii (piggyback plant)			X

Ferns

	Winter Wet	Standing Water	Very Moist
Adiantum aleuticum (Western maidenhair)*			X
Blechnum chilense (Chilean hard fern)		X	X
Blechnum spicant (deer fern)*			X
Matteuccia struthiopteris (ostrich fern)*		X	X
Onoclea sensibilis (sensitive fern)		X	X
Osmunda cinnamomea (cinnamon fern)		X	X
Osmunda regalis (royal fern)		X	X
Woodwardia areolata (netted chain fern)		X	X
Woodwardia fimbriata (giant chain fern*)			X