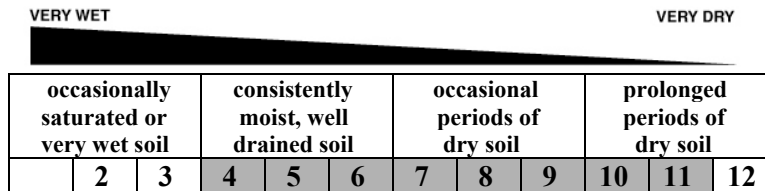


Scientific Name: *Quercus rubra*
Common Name: Northern Red Oak
Environmental Conditions:
Hardiness Zone: 3b
Soil Moisture:



Sun/Shade: full sun

Salt: some observed tolerance

pH: ≤ 7.5

Insect/Disease Factors: oak wilt is a serious problem in more southern areas, resistant to anthracnose

Growth Characteristics:

Height: 60'-80' (can grow 90'-100' in wild)

Width: 50'-70'

Form/Habit: round

Rate: fast for an oak

Ornamental Characteristics:

Flower: catkins, spring

Fruit: acorn, heavy crops at 3-5 year intervals

Seasonal Foliage Color: emerge reddish in spring, lustrous dark green in summer, russet-red to bright red in fall, sometimes disappoints with only yellow-brown fall color

Bark: gray, nearly black with age, wide flat-topped silver-gray ridges, separated by shallow fissures, deeply ridged and furrowed on older trunks

Transplant Issues: only transplant B&B, moderately difficult to transplant bare root

Management Issues: acorns may be a litter problem certain years

Suggested Uses: wide street tree lawns/pits or parks preferred due to size

Cultivars: none available

