

Botanical Name: Juglans regia

Common Name: English walnut

Type of Plant: dicot: tree Character deciduous

Habit of Growth:

Overall Shape an erect, single-trunked, heavy-branched tree, with spreading branches forming a large rounded canopy; trunk and branches are grayish-white, smooth

Height 40-70' Spread equal or more Growth Rate rapid

Environment:

Exposure outdoors full sun preferred; can tolerate some shade

Soil thrives in well-draining soil

Hardiness hardy (zones 4-9; 14-23); grows well in warm, humid areas

Morphology:

Leaves odd-pinnately compound, alternate, 8-16" (20") long, with mostly 7-9 leaflets; oblong-ovate, 2-6" long, aromatic when crushed

Flowers unisexual: male flowers in drooping catkins; pistillate flowers borne on short, terminal spikes; flowers appear after leaves; April-May

Fruit large drupaceous nut: 1-1/2" diam, round

Propagation: seed

Usage: mostly used as an orchard tree; not a good landscape tree except for large areas; then as shade; very messy, brittle wood and disease; pest problems; also very aggressive root system

Landscape Care:

Watering regular preferred; apply deep soakings; keep irrigation water away from base of trunk to prevent fungus attack and rot

Fertilizing balanced fertilizing in spring and mid-summer

Pruning head high when young; thin yearly and remove deadwood

Pests/Diseases aphids, sooty mold (bad); stem rot fungus, scale, spider mite

Special Conditions

Origin: SE Europe Family: Juglandaceae