

Large Trees for Smithfield

(not under powerlines)

<u>Common Name</u>	<u>Botanical Name</u>	<u>Size</u>	<u>Zone</u>	<u>Alkaline Tolerant</u>	<u>Drought Tolerant</u>	<u>Growth Rate</u>	<u>Shape and Leaves</u>	<u>Flowers, Fruit and Notes</u>
Alder, European or Common	<i>Alnus glutinosa</i>	40h x 20w	3-7	Moderate	Moderate	Moderate	Pyramidal/ovoid crown; dark green rounded leaves; no fall color	Insig. Flowers; Tiny cones. Tolerates wet soils. Fixes nitrogen -- good for infertile soils
American Basswood or Linden	<i>Tilia americana</i>	60h x 20w	2-9	High	Medium	Moderate	Narrow crown; Dk grn lvs, no fall color of note	Yellow-ish flowers in June/July attract bees. Hard, round pea-size fruit. "Redmond"
Bald Cypress	<i>Taxodium distichum</i>	50h x 25w	4-9	Moderate	Moderate	Moderate	Slender, pyramidal crown; bright grn needles, orange in fall	Especially good in wet areas. Alkaline tolerance questionable
Beech, European	<i>Fagus sylvatica</i>	50h x 35w	4-7	Moderate	Moderate	Slow	Oval to rounded crown; oval grn lvs turn copper/red/brown, persist	Insig. flowers, small nuts. Elegant bark in winter. Very slow growing. Many cultivars available
Catalpa, Western	<i>Catalpa speciosa</i>	40h x 20w	4-9	High	High	Fast	Irregular rounded crown; very large heart-shaped leaves	flowers large, white, in large clusters; long pods(10 - 15 ") -- litter can be a problem; Tough & adaptable
Elm, Lacebark	<i>Ulmus parvifolia</i>	40h x 40w	4-9	High	High	Moderate	Broad crown; lvs oval, serrated, green; little fall color	Insig. flowers/fruit; Ask for by botanical name. Unbelievably adaptable. Stake when young
Filbert, Turkish	<i>Corylus colurna</i>	40h x 20w	4-8	High	Moderate	Moderate	Pyramidal/oval crown; dk grn lvs, no fall color;	Small brownish catkins in early spring; Can produce edible nuts. Disease resistant.
Ginkgo	<i>Ginkgo biloba</i>	50h x 35w	3-9	High	High	Moderate	Irregular, ovoid crown; med. grn lvs fan-shaped, lustrous gold in fall	Plant MALE cultivars only; tolerant of urban pollution; pest & disease free. Avoid wet soils. Slow.
Hackberry, Common	<i>Celtis occidentalis</i>	40H x 40w	2-9	High	High	Fast	Rounded crown; oval, brt grn lvs finely toothed. No fall color, leaf late	1/2 - 3/4' purple fruit in Sept/Oct -- birds often eat; dry on tree; Tolerates heat, wind, pollution
Horse Chestnut	<i>Aesculus hippocastanum</i>	50h x 35w	3-7	Moderate	Moderate	Moderate	Oval/rounded crown; dk green palmate lvs, yellow fall color	White flowers in May; large nuts = litter. Sterile Varieties available ("Baumannii"). Prone to blotch.
Kentucky Coffeetree	<i>Gymnocladus dioica</i>	50h x 35w	3-8	High	High	Moderate	Narrow to broad crown; bluish-grn bipinnate lvs, yellow in fall	Native. Insig. flowers. Fem. Trees = 5-10" pods. Male cultivars available. Tolerant of urban conditions.

