

Scientific Name: *Fraxinus americana*

Common Name: White Ash

Environmental Conditions:

Hardiness Zone: 4a (some cultivars to 3)

Soil Moisture:

VERY WET			VERY DRY								
occasionally saturated or very wet soil			consistently moist, well drained soil			occasional periods of dry soil			prolonged periods of dry soil		
2	3	4	5	6	7	8	9	10	11	12	

Sun/Shade: full sun

Salt: some observed tolerance

pH: ≤ 8.2

Insect/Disease Factors: Ashes are susceptible to a number of insect and disease problems, ash borer (in hot dry environments) and ash yellows (in the Eastern and Midwestern United States) may be the most serious

Growth Characteristics:

Height: 50'-70'

Width: 40'-60'

Form/Habit: oval to rounded and open with age, maintains good central leader in youth

Rate: medium

Ornamental Characteristics:

Flower: not ornamentally important, inconspicuous

Fruit: not ornamentally important, 1"-2" long samara, male seedless cultivars available

Seasonal Foliage Color: dark green in summer, color variable in fall (yellow to purple), certain cultivars selected for good reddish to purple color in fall

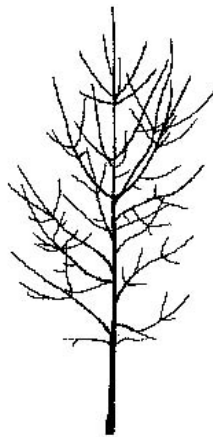
Bark: gray to gray-brown, narrow interlacing ridges create diamond shaped furrows

Transplant Issues: easy to transplant B&B or ≤ 2 " caliper bare root

Management Issues: fruit litter can be a problem in some areas, non-fruiting cultivars available, graft incompatibility problems have been observed on some cultivars

Suggested Uses: narrow or wide street tree lawns/pits, wide street tree lawns/pits preferred for straight species due to tree size, parks, suitable for CU-Structural Soil™

Cultivars: see chart on following page



***Fraxinus americana* (White Ash) Cultivars:**

Cultivar	Zone	Form/Habit	Fall Color	Fruiting/ Non-fruiting	Other
‘Autumn Applause’	5a	oval, dense branching	maroon, early turning and long lasting	non-fruiting	young trees subject to bark splitting at ground level
‘Autumn Blaze’	3	oval	purple	light fruit set	
Autumn Purple® (‘Junginger’)	5a	round	reddish-purple to deep red	non-fruiting	fast growing, glossy leaves
‘Champaign County’	4a (5a)	dense, strong central leader, heavy trunk	not much, yellow to purple possible	little to no fruiting observed	lustrous dark green leaves
‘Chicago Regal’	4a	oval to rounded, symmetrical branching	orange to purple, mixed with earth tones	non-fruiting	fast growing, larger foliage, bark resistant to frost cracking
‘Empire’	3	narrow oval (25’ wide), strong central leader	rusty orange to purple	non-fruiting	
‘Rose Hill’	5b	upright oval to pyramidal, sturdy branching	bronze-red to purple	non-fruiting	
‘Royal Purple’	4a	oval, upright habit	purple	fruiting	vigorous grower in youth, bark resistant to frost cracking
Skyline® (‘Skycole’)	4b	oval, strong central leader, symmetrical branching, good branch angles	orange-red	non-fruiting	glossy leaves
Sparzam™ (‘Sparticus’)	4a	pyramidal form	burgundy with bronze highlights	non-fruiting	glossy dark green foliage, silvery-white undersides, wavy leaf margins, longer foliage retention
Windy City™ (‘Tures’)	4a	oval to rounded, good central leader, may have smaller width, possibly only 30’ - 35’ wide	burgundy to reddish-orange with orange and yellow highlights	fruiting	semi-glossy foliage, bark resistant to frost cracking