

Scientific Name: *Fraxinus pennsylvanica*

Common Name: Green Ash

Environmental Conditions:

Hardiness Zone: 2a

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) may be serious, *F. pennsylvanica* is fairly resistant to ash yellows (a problem for *F. americana* in the Eastern and Midwestern United States)

Growth Characteristics:

Height: 40'-60'

Width: 30'-50'

Form/Habit: pyramidal in youth, variable with age, oval to rounded and often irregular

Rate: fast

Ornamental Characteristics:

Flower: not ornamentally important

Fruit: not ornamentally important, samara on female trees

Seasonal Foliage Color: glossy medium to dark green in summer, typically inconsistent yellow in fall, some of available cultivars turn bronze-red, burgundy, or purple in fall

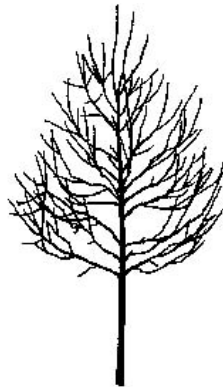
Bark: gray to gray-brown, narrow interlacing ridges create diamond shaped furrows

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

Management Issues: may require frequent pruning as storm damage prone, fruit litter can be a problem, non-fruiting cultivars available

Suggested Uses: narrow or wide street tree lawns/pits, parks, suitable for CU-Structural Soil™

Cultivars: see chart on following page, selections made for growth form/habit, seedless character of male trees, and foliage characteristics (specifically dark green and shiny leaves in summer and attractive fall color)



'Patmore'

Fraxinus pennsylvanica (Green Ash) cultivars:

Common:					
Cultivar	Zone	Form/Habit	Foliage	Fruit	Other
Cimmaron® (‘Cimmzam’)	4	upright-oval, 30’ wide, straight central leader, good branch structure	thick, glossy, dark green in summer, burgundy changing to orange in fall, leafs-out late, holds leaves late	non-fruiting	
‘Marshall’	3a	broadly oval, irregular at times	glossy dark green in summer, bright yellow in fall	usually but not always non-fruiting	fewer insect and disease problems than species
‘Patmore’	3a (2b)	oval to broadly pyramidal, straight trunk, good branch structure, symmetrical	glossy, dark green in summer, long-lasting yellow in fall	non-fruiting	relatively pest free
‘Summit’	3b	upright, oval to pyramidal, 25’-35’ wide straight trunk, good central leader, symmetrical	semi-glossy, excellent golden yellow in fall	light and infrequent crops	thicker bark, more resistant to mechanical damage
Urbanite®	5b	broadly pyramidal to oval	thick, leathery, lustrous dark green in summer, bronze-red in fall	none observed	thicker bark appears more sun -scald resistant
Available					
Cultivar	Zone	Form/Habit	Foliage	Fruit	
‘Bergeson’	3 (2)	upright, oval, dense, rapid grower	lustrous dark green in summer, yellow in fall	non-fruiting	
Centerpoint™	4	broadly oval to rounded, symmetrical	very glossy, yellowish in fall	non-fruiting	
ChampTree™ (‘National 1999’)	4	rounded, upright spreading branches	glossy, yellow in fall	non-fruiting	
DakotaCentennial™ (‘Wahpeton’)	3	oval to broadly pyramidal, tends to maintain central leader, good branch structure	glossy, bright green changes to dark green in summer, deep yellow in fall	non-fruiting	
Georgia Gem™ (‘Oconee’)	6	upright-oval	larger leaves, glossy, dark green in summer, yellowish in fall	non-fruiting	
Newport™ (‘Bailey’)	3b	oval, straight trunk, good branching	glossy dark green in summer, yellow in fall	non-fruiting	
Prairie Spire™ (‘Rugby’)	3	upright-oval to narrow pyramidal, 20’ wide, dense branching	glossy, bright green changes to dark green in summer, golden yellow in fall	non-fruiting	
Skyward™ (‘Wandell’)	5b	narrowly pyramidal, 20’ wide, dense	thick, semi-lustrous, bronze-red to purple in fall	non-fruiting	
var. lanceolata	3	oval to rounded	lanceolate, golden yellow in fall		