

**Scientific Name:** *Pyrus calleryana*

**Common Name:** Callery Pear

**Environmental Conditions:**

**Hardiness Zone:** 5a

**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:** susceptible to fireblight, see cultivars for resistance

**Growth Characteristics:**

**Height:** 30'-50'

**Width:** 20'-40'

**Form/Habit:** pyramidal in youth, broadens with age to oval or rounded, dense branching and foliage

**Rate:** fast

**Ornamental Characteristics:**

**Flower:** showy, white clusters, spring before or as leaves emerge

**Fruit:** ½" greenish to tan, in clusters

**Seasonal Foliage Color:** glossy dark green in summer, fall color variable (yellow/orange/red/purple) but usually excellent

**Bark:** brown, lightly ridged and furrowed with age, sometimes grayish and blocky with age as well

**Other:** holds leaves late

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

**Management Issues:** branching angles and branch density combined with late holding leaves may make species prone to early winter ice/snow storm damage, cultivar 'Bradford' is no longer recommended because of tendency for severe limb breakage, newer cultivars with improved branching habits are available, graft incompatibility can be a problem

**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, improved branching habit, flowering, fall color, and disease resistance, see small tree section for *Pyrus* under 30'



**'Autumn Blaze'**

***Pyrus calleryana* (Callery Pear) cultivars:**

<b>Cultivar</b>	<b>Zone</b>	<b>Form/Habit</b>	<b>Fall Foliage</b>	<b>Disease Resistance</b>	<b>Other</b>
<b>Aristocrat®</b>	5a	broadly pyramidal, wider branch angles, more open	variable, yellow to deep red	slightly fireblight susceptible	later bloomer, sparser flowering, but still showy, wavy leaf margins
<b>‘Autumn Blaze’</b>	5a (4b)	rounded, can be irregular, more open, wider branch angles	early, reliable red	fireblight susceptible	leaves emerge with red tint in spring, drops leaves earlier
<b>Burgundy Snow™ (‘Bursnozam’)</b>	4	pyramidal			burgundy flower centers, heavy flowering, leaves are not dark green
<b>‘Cambridge’</b>	4	upright, narrow-pyramidal, 15’ wide	bright orange		
<b>‘Capital’</b>	5b (5a)	columnar, central leader, 15’ wide, more upright than ‘Whitehouse’	copper-red to red-purple	slightly fireblight susceptible	very glossy leaves
<b>Chanticleer® (‘Glens’ Form’) same as ‘Cleveland Select’ same as ‘Stonehill’</b>	5a (4b)	upright, narrow-pyramidal, 15’-20’ wide, multiple leaders common, even branching	gold-red to plum	fireblight tolerant	heavier and later (a week) flowering, enters dormancy earlier
<b>‘Fauriei’</b> sometimes listed as <i>P. calleryana</i> var. <i>fauriei</i> or <i>P. fauriei</i>	5a	pyramidal to rounded, wider branch angles, slower growing	early, variable	fireblight tolerant	heavy flowering, leaves leathery, drops leaves earlier
<b>Frontier™ (‘Fronzam’)</b>	4	narrow oval, 15-20’ wide	likely variable		very dark green leaves
<b>Gladiator™ (‘Glazam’)</b>	4	pyramidal, strong central leader, fast growing	likely variable		
<b>New Bradford® (‘Holmford’)</b>	5	broadly oval to rounded	yellow to orange-red		
<b>‘Redspire’</b>	5a	pyramidal to oval, dense, symmetrical, slower growing	often poor in north, variable	fireblight tolerant	heavy flowering, enters dormancy earlier, thick leaves
<b>‘Trinity’</b>	5b (5a)	broadly oval to rounded	consistent, orange-red		heavy flowering, light green leaves
<b>‘Whitehouse’</b>	5b (5a)	narrow pyramidal, 15’-20’ wide, strong central leader	early, reddish purple	slightly fireblight susceptible, highly leaf-spot susceptible	leaves held late