

Hydrangeas for Ohio¹

Species (Type)	Hydrangea arborescens (Smooth Hydrangea)	Hydrangea quercifolia (Oakleaf Hydrangea)	Hydrangea macrophylla (Bigleaf Hydrangea) & Hydrangea serrata (Mountain Hydrangea)	Hydrangea anomala (Climbing Hydrangea)	Hydrangea paniculata (Panicle Hydrangea)
Zone	3-9	5-9	5-9 (somewhat 6-9)	4-7	3-8
Selected Cultivars* <small>This is not a comprehensive list.</small>	Annabelle, Invicibelle®, II®, Ruby®, Incridiball®, Blush, Mini Mauvette®; Lime Rickey® Hayes Starburst Shortest: Wee White (18")	Snow Queen, Alice Gatsby Moon® Gatsby Star® (Double) Snowflake (Double) Short: Munchkin, Pee Wee	Endless Summer® series Blushing Bride Twist n Shout Double Delights™ series Tuff Stuff™ series	Winter Glow subsp. <i>petiolaris</i> subsp. <i>petiolaris</i> Firefly (variegated) <i>glabra</i> (pink)	Limelight Vanilla Strawberry™ Little Lamb, Pinky Winky® Pink Diamond, Tardiva Short: Bobo®, Little Lime®, Little Quick Fire®
Bloom Interest	Late May-August	Late May-September	Late June -August	Late June-July	Late July-Late October
Features & Notes	Flowers mature to lime green	Cinnamon bark Excellent red fall foliage	Winter protection may be needed.	Peeling Bark, Clinging vine, Slow to establish	New cultivars have strong stems, upright flowers
Flowers	White, Ivory, Pink, red/purple hues Fade to light green	White, ivory, green tints Pink edges on double Fade to pink, red, green	Blue, Pink, Purple Multi colored Fade to greens/blues	White, ivory Lacecap Pink tones in spp. <i>glabra</i>	White, ivory, lime green, pink Fade to green, some reds
Height	3-5'	4-9'	3-6'	60-80'	2-15+'
Light	Part Sun to Shade	Part Sun to Shade	Part to 'nearly' full shade for best results	Partial Sun to Part Shade	Partial Sun to Part Shade Full shade limits flowers
Soils & Fertilization pH range 5.0-7.5	Higher organic matter, well drained	Well drained	High organic matter, Acidic soil = blue (↓5.5) Alkaline soil = pink (↑6.5) High P ties up aluminum	Almost indifferent	Nearly indifferent
Moisture***	Moisture extends flower life	Consistent moisture, but forgiving	Moisture Demanding Afternoon shade!! Consider irrigation	Indifferent, but needs consistent moisture during early years	Consistent moisture, but forgiving. Low moisture causes blooms to fade
Blooms on**	New wood	Old wood	Old wood Old & New wood	Old wood No blooms? Low light, young	New wood
Pruning	Fall/spring –Cut to 2-6" Ensures large blooms next season; Thin shoots in spring - largest blooms	After flowering if needed	Shape after flowers fade. In late fall, cut above 3 rd bud and mulch for winter.	Only to shape	Can prune to tree form Cut low or thin for largest flowers

* Where trade names are used, no discrimination is intended and no endorsement by Ohio State University Extension is implied.

**Next year's flowers that form on old wood are generally formed from August to October.

***All hydrangeas should be planted in well-amended, high organic matter soil with adequate drainage.

My Notes on...Hydrangeas for Ohio...that I like!

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Cultivar Name					
Flowers/Features					
Blooms on...					
Height					
Notes					
Cultivar Name					
Flowers/Features					
Blooms on...					
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