

# Hydrangea macrophylla

## (Bigleaf Hydrangea)

Big leaf Hydrangea is a rounded deciduous shrub with 1.5-2 m tall and has an equal spreading. It is fast growing shrub with a coarse texture. The leaves are large 10-15 cm with a serrated edge and without significant fall color. Flowers are enormous, round shaped in various shades of white, pink, red, and, on acid soils, blue . They are borne in late spring on top of the rounded canopy of rich foliage. Fruit does not have any landscape interest. Big-leaf Hydrangea blooms on large buds formed on previous season's growth, any pruning should be done immediately after flowering The plant need partial or full shade, requires a moist, organic fertile soil. The flower color depends on the soil pH. The plant has a minimal drought and salt resistant. Used as a border, container plants, specimen.



Plant Image

### Landscape Information

**French Name:** Hydrangeae macrophylla

**Pronunciation:** hye-DRAN-jee-uh mack-roe-FIL-luh

**Plant Type:** Shrub

**Origin:** Japan

**Heat Zones:** 6, 7, 8, 9

**Hardiness Zones:** 5, 6, 7, 8, 9

**Uses:** Specimen, Mass Planting, Container, Wildlife

### Size/Shape

**Growth Rate:** Moderate

**Tree Shape:** Round

**Canopy Symmetry:** Symmetrical

**Canopy Density:** Medium

**Canopy Texture:** Coarse

**Height at Maturity:** 1.5 to 3 m

**Spread at Maturity:** 1.5 to 3 meters

**Time to Ultimate Height:** 5 to 10 Years

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Flower Image

## Botanical Description

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### Foliage

**Leaf Arrangement:** Opposite

**Leaf Venation:** Pinnate

**Leaf Persistence:** Deciduous

**Leaf Type:** Simple

**Leaf Blade:** 10 - 20

**Leaf Shape:** Obovate

**Leaf Margins:** Serrate

**Leaf Textures:** Rough

**Leaf Scent:** No Fragrance

**Color(growing season):** Green

**Color(changing season):** Yellow

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### Flower

**Flower Showiness:** True

**Flower Size Range:** 10 - 20

**Flower Type:** Corymb

**Flower Sexuality:** Monoecious (Bisexual)

**Flower Scent:** No Fragrance

**Flower Color:** Red, Blue, White, Pink

**Seasons:** Spring, Summer

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### Trunk

**Trunk Susceptibility to Breakage:** Generally resists breakage

**Number of Trunks:** Multi-Trunked

**Trunk Esthetic Values:** Not Showy

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### Fruit

**Fruit Type:** Capsule

**Fruit Showiness:** False

**Fruit Size Range:** 0 - 1.5

**Fruit Colors:** Brown

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Leaf Image

## Horticulture Management

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### Tolerance

**Frost Tolerant:** Yes

**Heat Tolerant:** No

**Drought Tolerant:** No

**Salt Tolerance:** Poor

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### Requirements

**Soil Requirements:** Clay, Loam

**Soil Ph Requirements:** Acidic, Alkaline

**Water Requirements:** Moderate

**Light Requirements:** Shade

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### Management

**Invasive Potential:** No

**Susceptibility to Pests and Diseases:** No

**Pruning Requirement:** Needed, to develop a strong structure

**Fruit/ Leaves/ Flowers litter:** No

**Surface Rooting:** No

**Life Span:** Less than 25

**Edible Parts:** None

**Pests:** Mites, Scales, Aphids

**Plant Propagations:** Cutting

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