

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 needs 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

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

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

Trunk

Trunk Susceptibility to Breakage: Generally resists breakage

Number of Trunks: Multi-Trunked

Trunk Esthetic Values: Not Showy

Fruit

Fruit Type: Capsule

Fruit Showiness: False

Fruit Size Range: 0 - 1.5

Fruit Colors: Brown

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Leaf Image

Horticulture Management

Tolerance

Frost Tolerant: Yes

Heat Tolerant: No

Drought Tolerant: No

Salt Tolerance: Poor

Requirements

Soil Requirements: Clay, Loam

Soil Ph Requirements: Acidic, Alkaline

Water Requirements: Moderate

Light Requirements: Shade

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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