

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

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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