

Sophora secundiflora

(Texas-Mountain-Laurel)

Texas mountain laurel is a medium or small size tree with a lush green foliage and large purple flowers. The fruit looks like peanut and will stay on the tree for long time. Avoid eating the seeds as it is toxic due to the high amount of alkaloids it contains. The tree is very adaptable to drought and salt, but can not withstand frost. It is a very slow growing tree but it can be speed up by extra watering. It is an excellent background plant, screen, hedge or specimen where its beautiful flowers can be enjoyed at close range.



Plant Image

Landscape Information

French Name: Sophora du Japon ou Pagode japonaise

Pronounciation: sah-FOR-uh seck-un-dih-FLOR-uh

Plant Type: Tree

Origin: Mexico, Southwest U.S

Heat Zones: 10, 11, 12, 13, 14, 15, 16

Hardiness Zones: 11, 12, 13

Uses: Hedge, Specimen, Container, Shade, Street, Pollution Tolerant / Urban, Reclamation

Size/Shape

Growth Rate: Slow

Tree Shape: Round, Upright

Canopy Symmetry: Symmetrical

Canopy Density: Open

Canopy Texture: Fine

Height at Maturity: 5 to 8 m

Spread at Maturity: 5 to 8 meters

Time to Ultimate Height: 20 to 50 Years

Notes

The seeds of sophora are highly toxic to humans

Sophora secundiflora
(Texas-Mountain-Laurel)



Flower Image

Botanical Description

Foliage

Leaf Arrangement: Alternate
Leaf Venation: Brachidodrome
Leaf Persistence: Evergreen
Leaf Type: Odd Pinnately compound
Leaf Blade: Less than 5
Leaf Shape: Oval
Leaf Margins: Entire
Leaf Textures: Glossy, Medium
Leaf Scent: No Fragrance
Color(growing season): Green
Color(changing season): Green

Flower

Flower Showiness: True
Flower Size Range: 10 - 20
Flower Type: Raceme
Flower Sexuality: Monoecious (Bisexual)
Flower Scent: Pleasant
Flower Color: Purple
Seasons: Spring

Trunk

Trunk Susceptibility to Breakage: Suspected to breakage
Number of Trunks: Multi-Trunked
Trunk Esthetic Values: Showy, Fissured

Fruit

Fruit Type: Legume
Fruit Showiness: True
Fruit Size Range: 7 - 10
Fruit Colors: Purple
Seasons: Spring

Sophora secundiflora

(Texas-Mountain-Laurel)



Leaf Image

© Photo by LDEM AUB

Horticulture Management

Tolerance

Frost Tolerant: Yes

Heat Tolerant: No

Drought Tolerant: Yes

Salt Tolerance: Good

Requirements

Soil Requirements: Clay, Loam, Sand

Soil Ph Requirements: Acidic, Neutral, Alkaline

Water Requirements: Low

Light Requirements: Full, Part

Management

Toxity: Yes

Invasive Potential: No

Susceptibility to Pests and Diseases: No

Pruning Requirement: Little needed, to develop a strong structure

Fruit/ Leaves/ Flowers litter: No

Surface Rooting: No

Life Span: More than 50

Edible Parts: None

Plant Propagations:

MORE IMAGES



Fruit Image



Bark Image



Other Image