Lagerstroemia x ‘Acoma’
‘Acoma’ Crapemyrtle

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INTRODUCTION

A long period of striking summer flower color, attractive fall foliage, and good drought-tolerance all combine to make ‘Acoma’ Crape-Myrtle a favorite small tree for either formal or informal landscapes (Fig. 1). It is highly recommended for planting in urban and suburban areas and has good resistance to powdery mildew.

GENERAL INFORMATION

Scientific name: Lagerstroemia x ‘Acoma’
Pronunciation: lay-ger-STREE-mee-uh
Common name(s): ‘Acoma’ Crapemyrtle
Family: Lythraceae
USDA hardiness zones: 7 through 9A (Fig. 2)
Origin: not native to North America
Uses: container or above-ground planter; large parking lot islands (> 200 square feet in size); wide tree lawns (>6 feet wide); medium-sized parking lot islands (100-200 square feet in size); medium-sized tree lawns (4-6 feet wide); recommended for buffer strips around parking lots or for median strip plantings in the highway; near a deck or patio; trainable as a standard; small parking lot islands (< 100 square feet in size); narrow tree lawns (3-4 feet wide); specimen; residential street tree
Availability: somewhat available, may have to go out of the region to find the tree

DESCRIPTION

Height: 10 to 15 feet
Spread: 6 to 10 feet
Crown uniformity: symmetrical canopy with a regular (or smooth) outline, and individuals have more or less identical crown forms
Crown shape: vase shape
Crown density: moderate
Growth rate: medium
Texture: medium

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Figure 2. Shaded area represents potential planting range.

Foliage

Leaf arrangement: opposite/subopposite (Fig. 3)
Leaf type: simple
Leaf margin: entire
Leaf shape: elliptic (oval); oblong; obovate
Leaf venation: pinnate
Leaf type and persistence: deciduous
Leaf blade length: 2 to 4 inches; less than 2 inches
Leaf color: green
Fall color: purple; red
Fall characteristic: showy

Fruit

Fruit color: white
Fruit characteristics: does not attract wildlife; no significant litter problem; persistent on the tree; showy

Fruit shape: oval; round
Fruit length: < .5 inch
Fruit covering: dry or hard
Fruit color: brown

Trunk and Branches

Trunk/bark/branches: bark is thin and easily damaged from mechanical impact; droop as the tree grows, and will require pruning for vehicular or pedestrian clearance beneath the canopy; routinely grown with, or trainable to be grown with, multiple trunks; showy trunk; no thorns
Pruning requirement: needs little pruning to develop a strong structure
Breakage: resistant
Current year twig color: brown; green
Current year twig thickness: thin

Culture

Light requirement: tree grows in full sun
Soil tolerances: clay; loam; sand; slightly alkaline; acidic; well-drained
Drought tolerance: high
Aerosol salt tolerance: moderate
Pruning should be done in late winter or early in the spring before growth begins because it is easier to see which branches to prune. New growth can be pinched during the growing season to increase branchiness and flower number. Pruning methods vary from topping to cutting Crape-Myrtle nearly to the ground each spring to the removal of dead wood and old flower stalks only. Lower branches are often thinned to show off the trunk form and color. Remove the spent flower heads to encourage a second flush of flowers and to prevent formation of the brown fruits. Since cultivars are now available in a wide range of growth heights, severe pruning should not be necessary to control size. Severe pruning can stimulate basal sprouting which can become a constant nuisance, requiring regular removal. Some trees sprout from the base of the trunk and roots even without severe heading.

Crape-Myrtle grows best in full sun with rich, moist soil but will tolerate less hospitable positions in the landscape just as well, once it becomes established. It grows well in limited soil spaces in urban areas such as along boulevards, in parking lots, and in small pavement cutouts if provided with some irrigation until well established. They tolerate clay and alkaline soil well. However, the flowers may stain car paint. Insect pests are few and ‘Acoma’ is resistant to powdery mildew.

Many other cultivars of Crape-Myrtle are available: hybrid ‘Biloxi’, 25 feet tall, pale pink blooms, orange-red fall foliage, hardy and mildew resistant; ‘Cherokee’, 10 to 12 feet, bright red flowers; ‘Powhatan’, 14 to 20 feet, clear yellow fall foliage, medium purple flowers. The hybrid cultivars ‘Natchez’, 30 feet tall, pure white flowers, one of the best Crape-Myrtles, ‘Muskogee’, 24 feet tall, light lavender flowers, and ‘Tuscarora’, 16 feet tall, dark coral pink blooms, are hybrids between Lagerstroemia indica and Lagerstroemia fauriei and have greater resistance to mildew. The cultivar ‘Crape Myrtlettes’ have the same color range as the species but only grow to three to four feet high. The National Arboretum releases are generally superior because they have been selected for their disease resistance.

Propagation is by cuttings.
Pests

Aphids often infest the new growth causing an unsightly but harmless sooty mold to grow on the foliage. Heavy aphid infestations cause a heavy black sooty mold which detracts from the tree’s appearance.

Diseases

Powdery mildew can severely affect Crape-Myrtle but ‘Acoma’ is highly resistant. Leaf spots are only a minor concern and do not require treatment.