Eriobotrya japonica ‘Coppertone’
‘Coppertone’ Loquat

Edward F. Gilman and Dennis G. Watson

**INTRODUCTION**

The dense, rounded, copper-colored canopy of Loquat is decorated in USDA hardiness zones 8b through 11 in late winter and spring with clusters of apricot yellow, pear-shaped, edible furry fruits (Fig. 1). Fruit rarely sets further north. Loquat is a rapidly-growing evergreen tree and can reach 25 to 30 feet in height in the shade but is frequently seen 15 feet tall with a 15 to 25 foot spread in a sunny location. The 10 to 12-inch-long leaves are rusty-colored beneath and have a coarse texture. Fragrant clusters of pale pink flowers are produced in fall, followed by the delicious, brightly colored, winter fruit.

**GENERAL INFORMATION**

**Scientific name:** Eriobotrya japonica ‘Coppertone’
**Pronunciation:** air-ee-oh-BOT-ree-uh juh-PAWN-ih-kuh
**Common name(s):** ‘Coppertone’ Loquat
**Family:** Rosaceae
**USDA hardiness zones:** 8 through 11 (Fig. 2)
**Origin:** not native to North America
**Uses:** container or above-ground planter; espalier; fruit tree; hedge; recommended for buffer strips around parking lots or for median strip plantings in the highway; near a deck or patio; screen; trainable as a standard; specimen; residential street tree; tree has been successfully grown in urban areas where air pollution, poor drainage, compacted soil, and/or drought are common
**Availability:** grown in small quantities by a small number of nurseries

**DESCRIPTION**

**Height:** 20 to 30 feet
**Spread:** 30 to 35 feet
**Crown uniformity:** symmetrical canopy with a regular (or smooth) outline, and individuals have more or less identical crown forms
**Crown shape:** round
**Crown density:** dense
**Growth rate:** medium
**Texture:** coarse

**Foliage**

**Leaf arrangement:** alternate (Fig. 3)
**Leaf type:** simple
**Leaf margin:** pectinate; serrate
**Leaf shape:** elliptic (oval); oblong

1. This document is adapted from Fact Sheet ST-236, a series of the Environmental Horticulture Department, Florida Cooperative Extension Service, Institute of Food and Agricultural Sciences, University of Florida. Publication date: November 1993.
2. Edward F. Gilman, associate professor, Environmental Horticulture Department; Dennis G. Watson, associate professor, Agricultural Engineering Department, Cooperative Extension Service, Institute of Food and Agricultural Sciences, University of Florida, Gainesville FL 32611.
Leaf venation: pinnate
Leaf type and persistence: broadleaf evergreen; evergreen
Leaf blade length: 8 to 12 inches
Leaf color: green
Fall color: no fall color change
Fall characteristic: not showy

Flower

Flower color: pink
Flower characteristics: fall flowering; pleasant fragrance; showy; winter flowering

Fruit

Fruit shape: oval; round
Fruit length: 1 to 3 inches
Fruit covering: fleshy
Fruit color: yellow
Fruit characteristics: attracts birds; attracts squirrels and other mammals; suited for human consumption; fruit, twigs, or foliage cause significant litter; showy

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; not particularly showy; should be grown with a single leader; no thorns
Pruning requirement: requires pruning to develop strong structure
Breakage: resistant
Current year twig color: gray
Current year twig thickness: thick

Culture

Light requirement: tree grows in part shade/part sun; tree grows in full sun
Soil tolerances: clay; loam; sand; acidic; alkaline; well-drained
Drought tolerance: moderate
Aerosol salt tolerance: moderate
Soil salt tolerance: moderate
Other

Roots: surface roots are usually not a problem
Winter interest: tree has winter interest due to unusual form, nice persistent fruits, showy winter trunk, or winter flowers
Outstanding tree: not particularly outstanding
Invasive potential: No entries found.
Pest resistance: very sensitive to one or more pests or diseases which can affect tree health or aesthetics

USE AND MANAGEMENT

Its neat habit and compact growth make Loquat an ideal specimen or patio shade tree, and it can be used as a residential street tree or median strip tree in areas where overhead space is limited. But an adequate clear trunk needs to be developed early in the life of the tree to provide for vehicle clearance. Branches will have to be pruned to grow up, as they tend to droop with time under the weight of the developing branch. It is not suited for planting next to the street if trucks pass close to the tree since adequate clearance is not possible but is successful in wide median strips. It also blends well into informal shrubbery borders and the fruit is attractive to wildlife. It espaliers well against a sunny wall, and makes a good screen due to its dense canopy. Sprouts along the trunk can be a maintenance nuisance.

Providing best fruit and form when grown in full sun, Loquat can tolerate partial shade and a variety of well-drained soils. It grows well on soils with a high pH and maintains the characteristic dark green foliage. Clay soil is acceptable as long as there is sufficient slope to allow surface water to run away from the root system. It often looks best in the southern portion of its range when given some shade in the afternoon in the southern portion of its range, especially if it is not irrigated. Loquat should be well-watered until established, but can then survive periodic droughts. Do not overfertilize since this could increase sensitivity to fire blight disease. Loquat may live only 20 to 30-years so it should not be considered a permanent fixture in the landscape. It performs well along the coast with some protection from salty air. Not for New Orleans area due to wet soils.

Although Loquat can easily be grown from seed, many cultivars are available for consistent fruit quality. ‘Champagne’ (March-May), best for USDA hardiness zone 9, has yellow-skinned, white-fleshed, juicy, tart fruit, one of the better fruits. ‘Gold Nugget’ (May-June), best near coast, has larger, sweeter fruit with orange skin and flesh. ‘MacBeth’ (April-May) has exceptionally large fruit with yellow skin and creamy flesh. ‘Thales’ is a late yellow-fleshed variety. ‘Variegata’ has white variegated leaves.

Propagation is by cuttings or grafting of cultivars.

Pests

Scales and caterpillars are occasional problems.

Diseases

To reduce fireblight problems, provide good air circulation and keep away from other fireblight hosts, such as Pyracantha, pears, etc. If leaves and stems blacken from the top downward, prune back one-foot or more into healthy wood. Sterilize shears with a mixture of one part bleach to nine parts water between cuts.

Root rot occurs on wet soils. Locate the tree in a well-drained soil.