

Ziziphus mauritiana

INDIAN JUJUBE

Rhamnaceae

Common Synonyms: *none*

FLEPPC Category: -

FDACS Listed Noxious Weed:

IFAS Assessment

North	Not Assessed
Central	Not Assessed
South	Not Assessed

USDA Hardiness Zone:

Growth Habit: Tree

Origin: southern Asia, eastern Africa



IFAS

Description: This deciduous small tree or large shrub is densely branched with zigzag branches. Branches typically have a leaf and a thorn at each angle. Leaves are ovoid, glossy green above and nearly white underneath. Over time, the leaves typically become infested with a fungus, causing the leaves to have a yellow-mottled appearance above and turn black below. Flowers are small and inconspicuous, greenish-white, and emit an unpleasant odor. The fruits are edible, and are similar in shape and size to the native hog plum (*Ximenia americana*). The fruits are initially green, but have a yellow to pale orange color when ripe. Seeds are enclosed within a woody endocarp.

Ziziphus jujuba (Chinese jujube), *Ximenia americana* (hog plum)

Habitat:

Florida Introduction Date: 1973

Control Methods: .

Chemical: Basal bark and cut-stump (1% fluroxypyr in oil OR 5% triclopyr-ester in oil) have been effective in Australia. Foliar (3% triclopyr ester OR glyphosate) at the same concentration have also been effective. [IFAS, <http://rcrec-ona.ifas.ufl.edu/in-focus/IF5-29-08.shtml>].

Useful Resources:

Global Invasive Species Database. *Ziziphus mauritiana*: <http://www.iucngisd.org/gisd/species.php?sc=214>

Grice, A. C. 1998. Ecology in the management of Indian jujube (*Ziziphus mauritiana*). *Weed Science* 46:467-474.

Pacific Island Ecosystems at Risk (PIER). http://www.hear.org/pier/species/ziziphus_mauritiana.htm

Comments: Species is a prolific seed producer, individuals over 3m tall can produce over 5,000 fruits (Grice 1998). Seeds are dispersed by feral swine and birds in Australia, which is the likely means of dispersal in Florida. Currently known from Miami-Dade, Lee, Collier and Glades counties.