

Leucaena leucocephala

WHITE LEADTREE

Fabaceae

Common Synonyms: *none*

FLEPPC Category: 2

FDACS Listed Noxious Weed: Yes

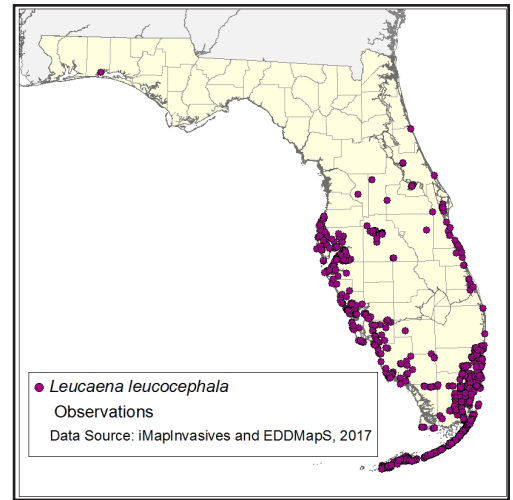
IFAS Assessment

North	PROHIBITED
Central	PROHIBITED
South	PROHIBITED

USDA Hardiness Zone: 9a-11

Growth Habit: Shrub to small tree

Origin: Mexico and Central America



Brenda Herring

Description: Shrub or small tree growing up to 5 m tall. Leaves up to 25 cm long, twice divided with 12 sets of opposite arranged lance-shaped leaflets. Flowers are clustered at tips of branches, and are white. Fruits are flat, brown pods 10 to 15 cm long with up to 20 shiny brown seeds.

Habitat: Ruderal, coastal strands, disturbed areas

Florida Introduction Date: Introduced first to Hawaii in 1864 and soon afterwards to the mainland United States in Florida and Texas

Control Methods: Mechanical: No known mechanical controls, but continued cutting will kill larger trees with time. Small plants are killed by mowing or grazing..

Chemical: Basal bark or cut stem (10%-20% triclopyr ester) has been reported to be effective while others report only partial success with higher rates. Basal bark and cut stem applications of 25% triclopyr ester has been effective on trees <3 inches diameter, while larger trees were not killed. Large trees must be completely girdled for frill/girdle applications. Experimental application of Milestone (aminopyralid) indicates that basal bark, cut stump, and foliar applications can be effective. Rates have not been refined. [IFAS]. Jumping lice/leucaena psyllid (*Heteropsylla cubana*) can damage, but not eliminate plants. Allowing goats to continuously graze on white lead tree has also been shown to be effective.

Useful Resources:

IFAS, UF. 2017. Assessment of Non-Native Plants in Florida's Natural Areas. *Leucaena leucocephala* . <https://assessment.ifas.ufl.edu/assessments/leucaena-leucocephala/> Accessed September 19, 2017.

IFAS, Center for Aquatic and Invasive Plants. 2017. *Leucaena leucocephala*. <http://plants.ifas.ufl.edu/plant-directory/leucaena-leucocephala/> Accessed September 19, 2017.

Dave's Garden. 2017. PlantFiles: white leadtree (*Leucaena leucocephala*) . <http://davesgarden.com/guides/pf/go/64328/> Accessed