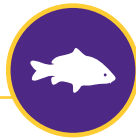


Invasive species cost Louisiana millions in damage each year.

ECONOMIC IMPACT/DAMAGE PER YEAR OF INVASIVE SPECIES IN LOUISIANA

ASIAN CARP
\$6 million



out-competes native fish for food and habitat

ASIAN CITRUS PSYLLID
\$6.4 million



causes an invasive citrus-greening disease

SUGARCANE APHID
\$7.6 million



harms sugarcane and grain crop quality and yield

GIANT SALVINIA
\$6.9 million



kills other vegetation and causes fish and other aquatic creatures to die or migrate

OF THE DOZEN **MOST DESTRUCTIVE INVASIVE SPECIES** IN THE U.S.,
33% OCCUR IN LOUISIANA, ACCORDING TO THE NATURE CONSERVANCY.

LSU research works to stop the invasion.

- LSU AgCenter researchers and extension agents are working with the Louisiana Department of Agriculture to **manage and control the spread of the Asian citrus psyllid** through scouting measures and quarantines.
- The LSU AgCenter is exploring various strategies for **curtailing sugarcane aphid destruction** through a delicate balancing act between the use of pesticides and preservation of beneficial insects that are natural enemies of aphids. They are also developing sorghum hybrids, suitable to Louisiana's climate, with aphid resistance.
- Researchers at NOAA's Louisiana Sea Grant program and the LSU AgCenter have **successfully produced canned Asian carp**, which has a complex bone structure and is difficult to filet. This could deliver **high-quality protein to people in need**, be a potential **new commercial fishery**, provide **new opportunities** for canneries, and **reduce the population** of an unwanted invasive species.
- Salvinia weevils, raised by the LSU AgCenter, have been released across southern Louisiana and are **sustainably managing giant salvinia**. A cold-tolerant weevil is being tested for north Louisiana, where salvinia caused a \$17,000 to \$32,000 decrease in property values on Lake Bistineau.



As the **fastest growing plant on Earth**, a single giant salvinia plant can multiply until it covers **40 square miles of water** in one year.