

# Oyster FARMS

(Farms for Aquaculture Research  
and Monitoring of Shellfish)  
in the Gulf of Mexico



Collaborative, regional, applied approach bringing  
together researchers, extension specialists,  
local agents, and commercial growers

# Ploidy Comparison

What: Compare triploid seed produced from Louisiana and Florida-west coast specific tetraploids with half-sibling diploids

When: Summer 2020 - 2021

Where: Commercial farms in MS, AL, FL

Who: Auburn University, University of Florida



# Farm Monitoring

**What:** Assess relationships between water quality (continuous monitoring), phytoplankton (weekly monitoring) and health (bimonthly monitoring) with oyster survival

**When:** September 2020 – June 2021

**Where:** Commercial farms in FL Panhandle (Alligator Harbor and Oyster Bay)

**Who:** University of Florida/IFAS



# SALT (Selection of Aquaculture Lines with improved Traits) Project

**What:** Evaluate first generation mosaic line created from wild stocks collected from varying salinity environments

**When:** March 2021 – October 2022

**Where:** Commercial farms in FL, AL, MS, LA

**Who:** USM, AU, UF, LSU, TAMU-CC Consortium

