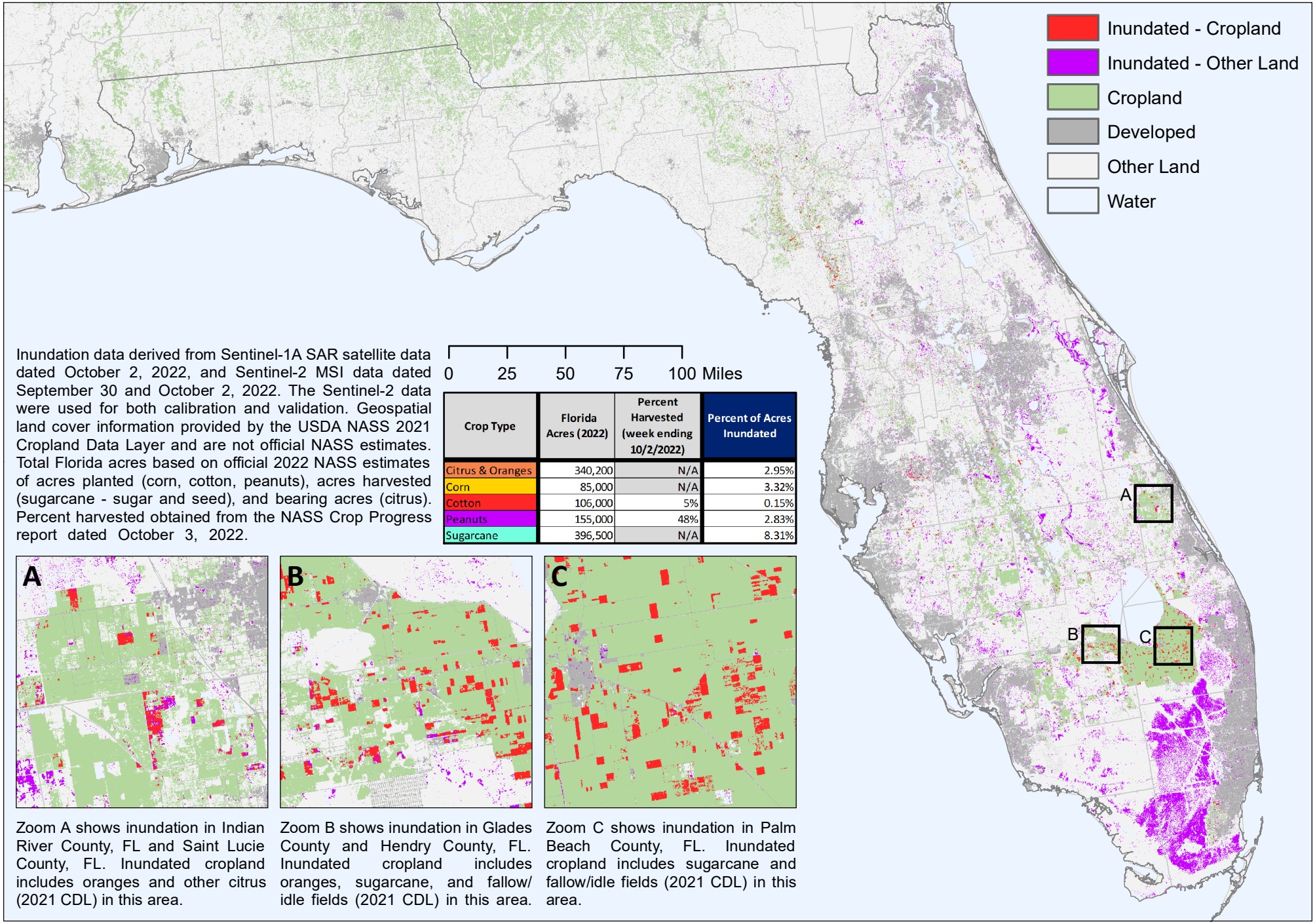
Agriculture Affected by Hurricane Ian Flooding in Florida: September 2022



Inundation data derived from Sentinel-1A SAR satellite data dated October 2, 2022, and Sentinel-2 MSI data dated September 30 and October 2, 2022. The Sentinel-2 data were used for both calibration and validation. Geospatial land cover information provided by the USDA NASS 2021 Cropland Data Layer and are not official NASS estimates. Total Florida acres based on official 2022 NASS estimates of acres planted (corn, cotton, peanuts), acres harvested (sugarcane - sugar and seed), and bearing acres (citrus). Percent harvested obtained from the NASS Crop Progress report dated October 3, 2022.

0 25 50 75 100 Miles

Crop Type	Florida Acres (2022)	Percent Harvested (week ending 10/2/2022)	Percent of Acres Inundated
Citrus & Oranges	340,200	N/A	2.95%
Corn	85,000	N/A	3.32%
Cotton	106,000	5%	0.15%
Peanuts	155,000	48%	2.83%
Sugarcane	396,500	N/A	8.31%

Zoom A shows inundation in Indian River County, FL and Saint Lucie County, FL. Inundated cropland includes oranges and other citrus (2021 CDL) in this area.

Zoom B shows inundation in Glades County and Hendry County, FL. Inundated cropland includes oranges, sugarcane, and fallow/ idle fields (2021 CDL) in this area.

Zoom C shows inundation in Palm Beach County, FL. Inundated cropland includes sugarcane and fallow/idle fields (2021 CDL) in this area.