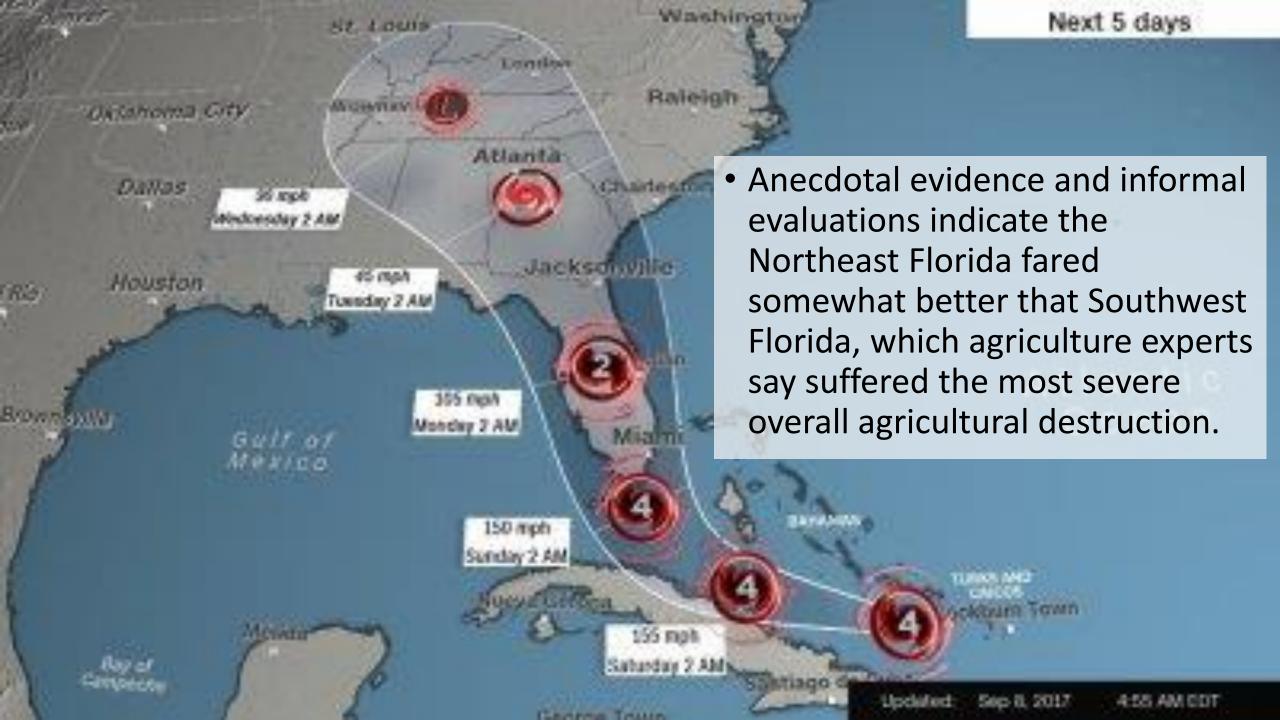
The Effects of Hurricane Irma on FL Agriculture











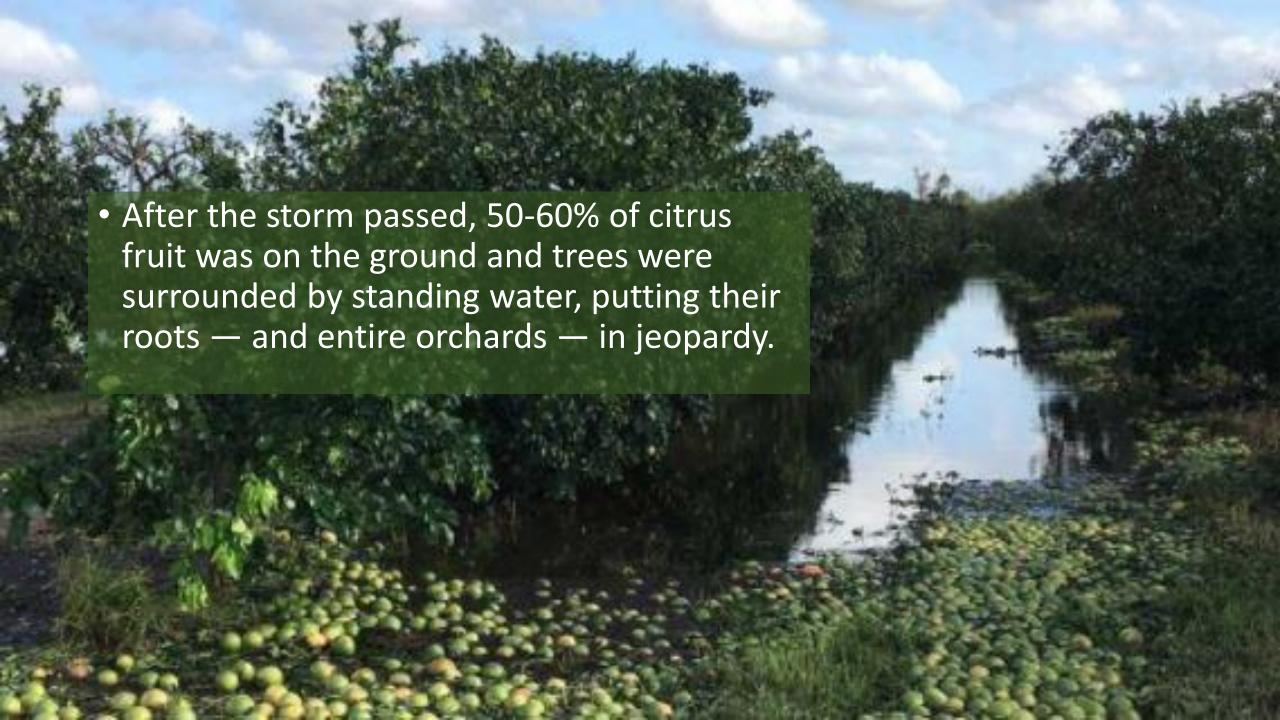


Florida Citrus Hit Hard

Andrew Meadows, a spokesman for Florida Citrus Mutual

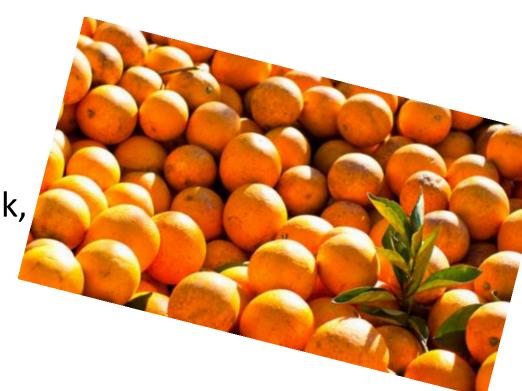
- "When a tree sits in water for two, three, four days, it destroys the root system and kills the tree," Meadows said. "We won't know the true effects of Irma until a year or two from now. So that \$760 million is expected to grow. And if we don't receive a reliefrebuild package, there's going to be a mass exodus from the industry."
- 450,000 Acres of Citrus in FL

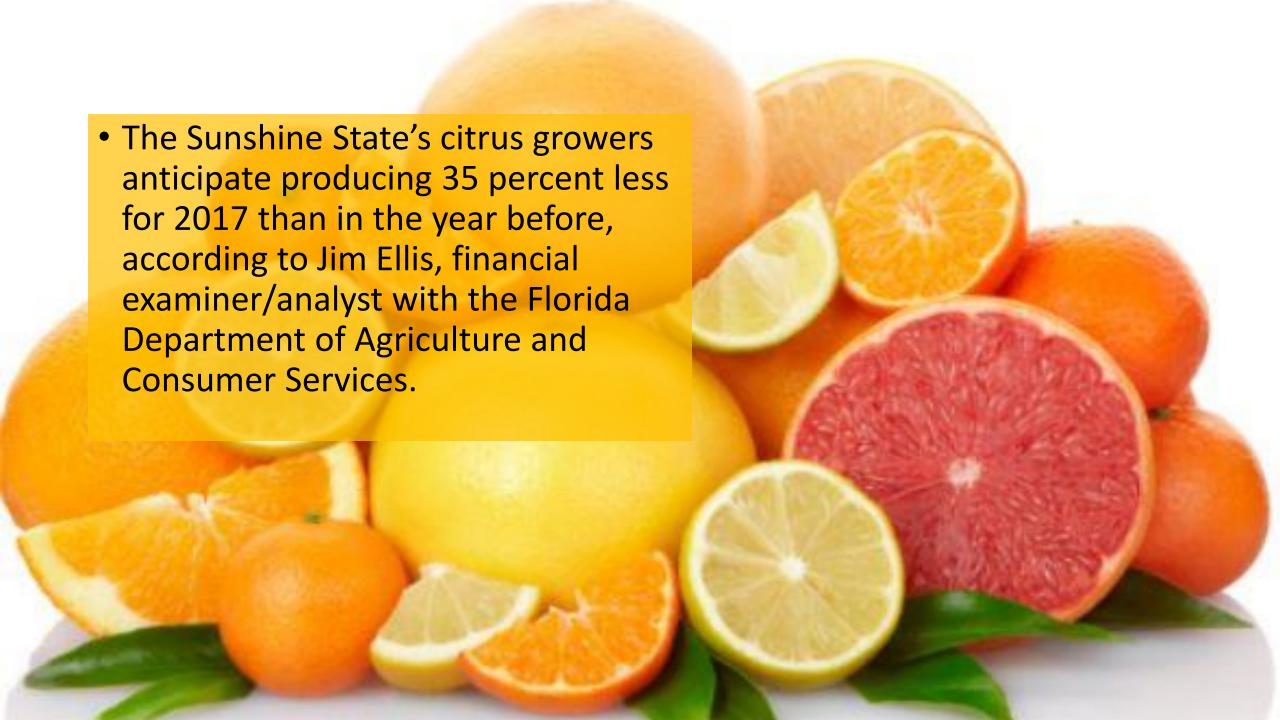


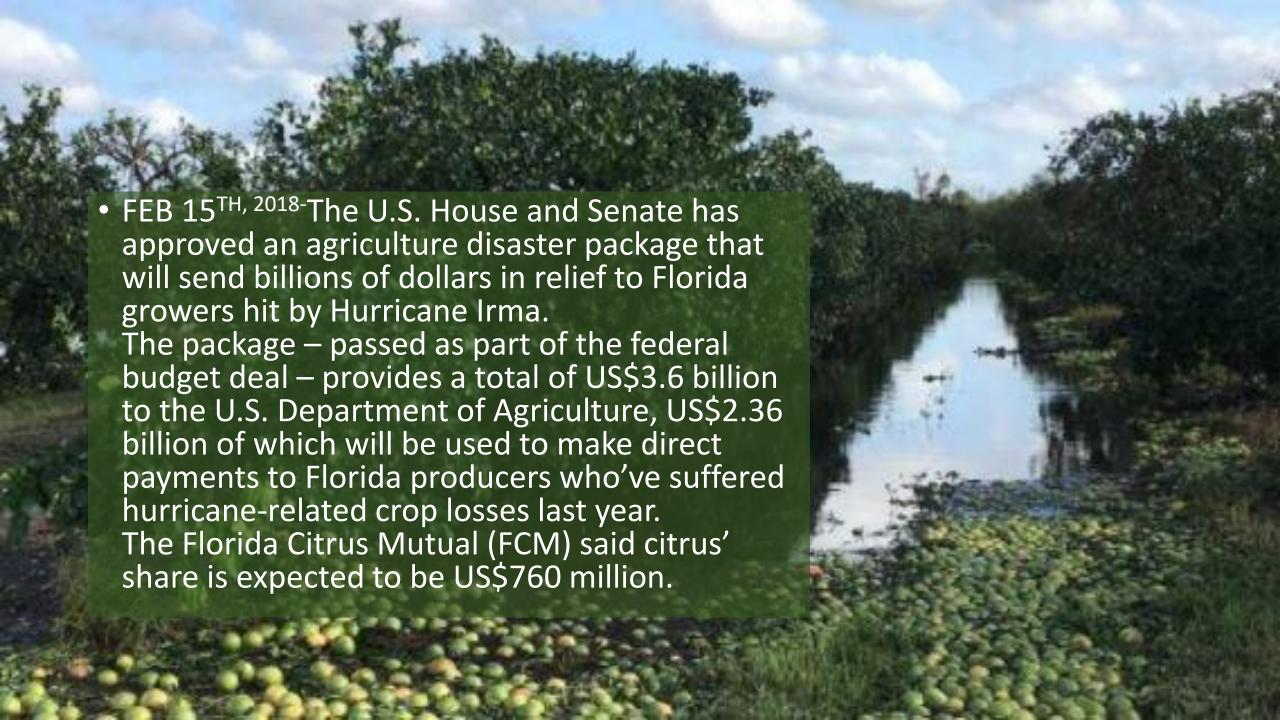


Florida Citrus Hit Hard

 The huge storm proceeded straight up the peninsula, raking citrus groves in Florida's top-producing citrus counties: DeSoto, Polk, Hendry, Highlands, Hardee and Collier.

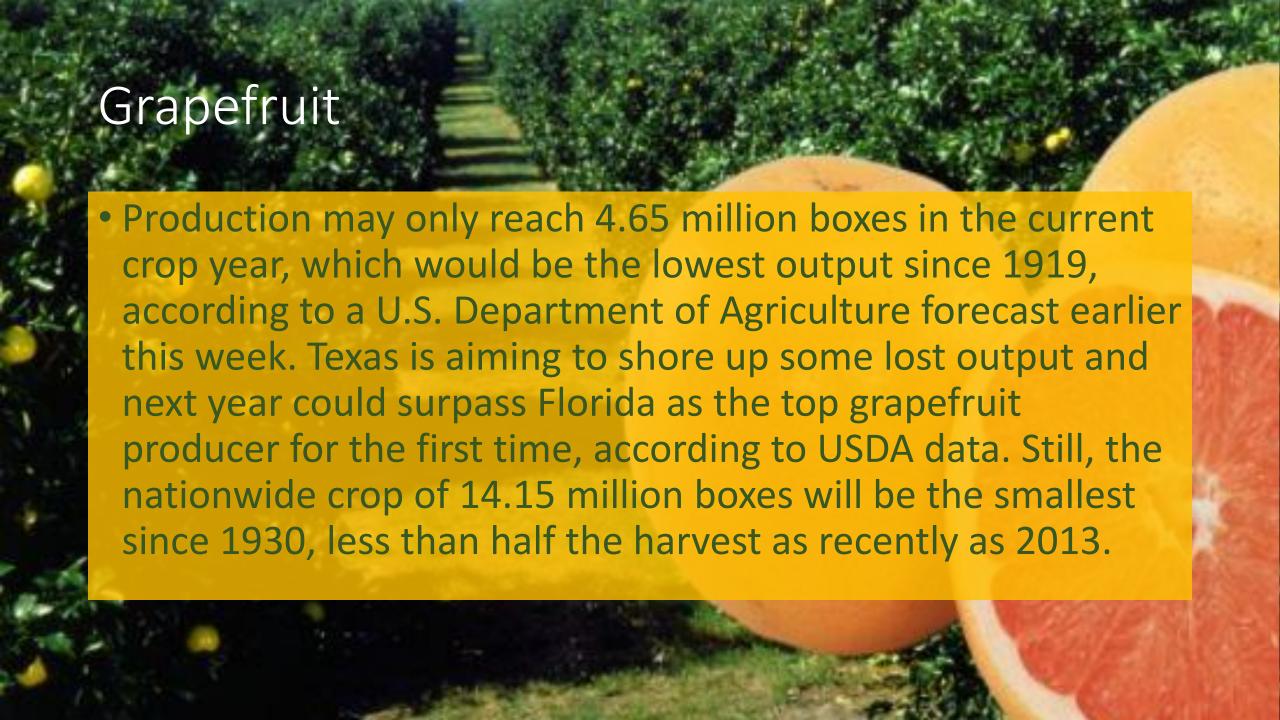












Strawberry minimum effects

 Kenneth Parker, executive director of the Florida Strawberry Growers Association, says that the storm destroyed some of the plastic that's been laid down on strawberry fields in advance of planting, but growers will be able to make repairs and plant on schedule. About 10,000 acres of strawberries are expected to be planted this year, similar to last year.

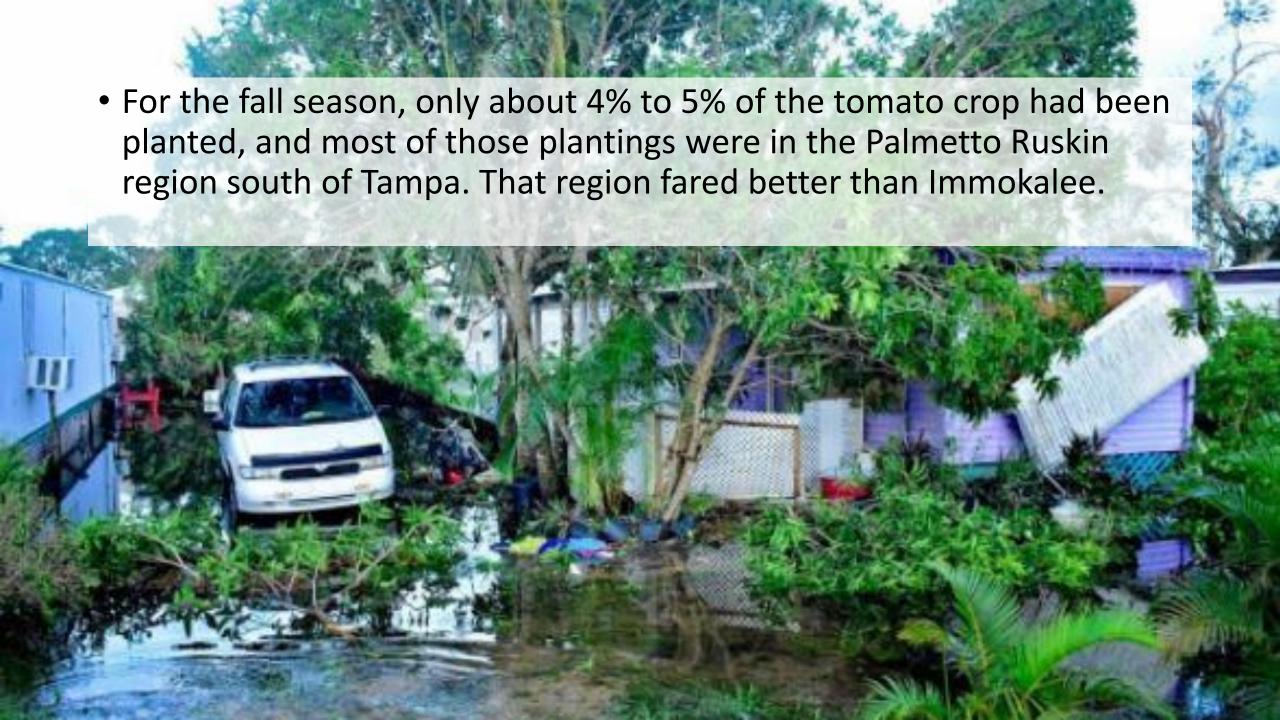




 While tomato growers in Florida's Immokalee region were hard hit, South Florida's Homestead growers had not yet planted tomatoes when Irma hit.







Tomato Production AFTER IRMA

• Tomato production was still way down in December 2017. The state's growers have packed 3 million boxes of tomatoes year-to-date, compared to 6.5 million in the same months a year ago, down more than 50 percent.



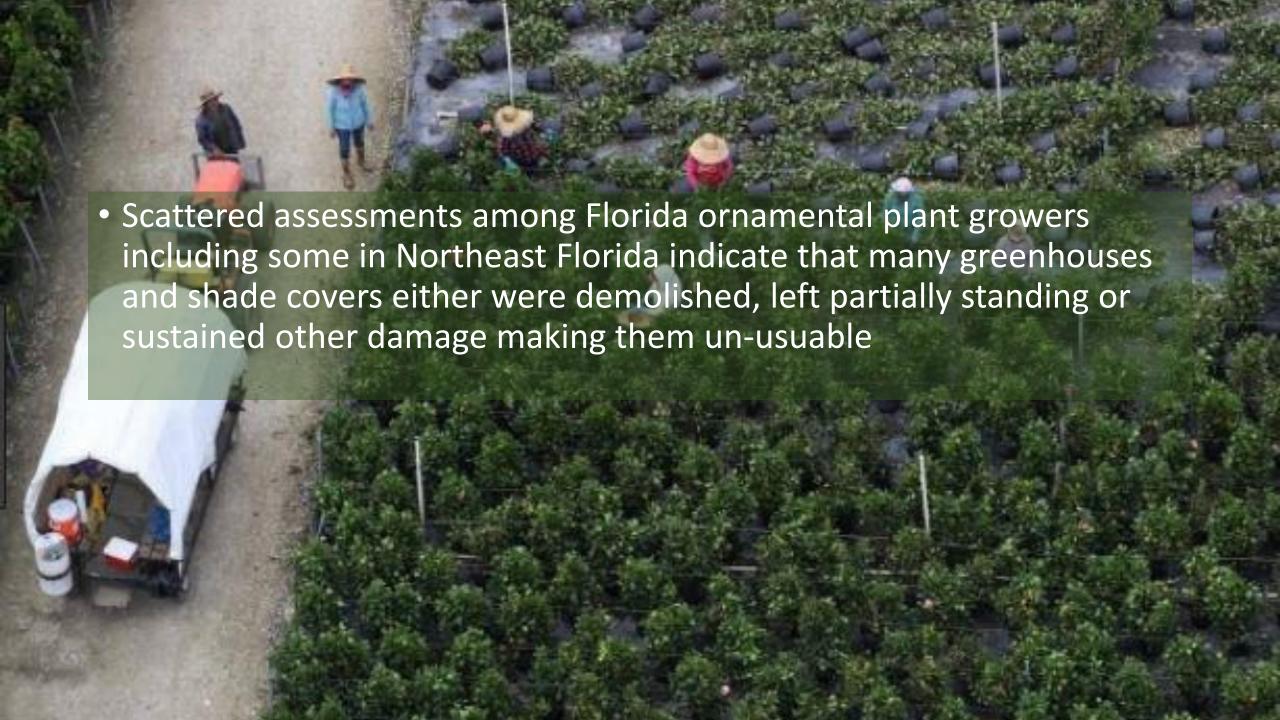
Dairies

- An estimated 40 dairies incurred significant damage from Irma to barns, equipment, fences and other structures. No official number is released, but estimates include:
- \$4,000 per farm in debris cleanup and rebuilding fences: \$160,000.
- \$50,000 per farm in damage to barns, sheds, milk parlors, and other infrastructure: \$2,000,000.
- \$5,000 per farm in equipment damage: \$200,000.
- "We're likely to see even greater economic losses as we account for loss of future production and the cost to rebuild infrastructure," Putnam says.
- Total losses, including crop losses, to dairy producers in the state are estimated to be \$11,811,695.

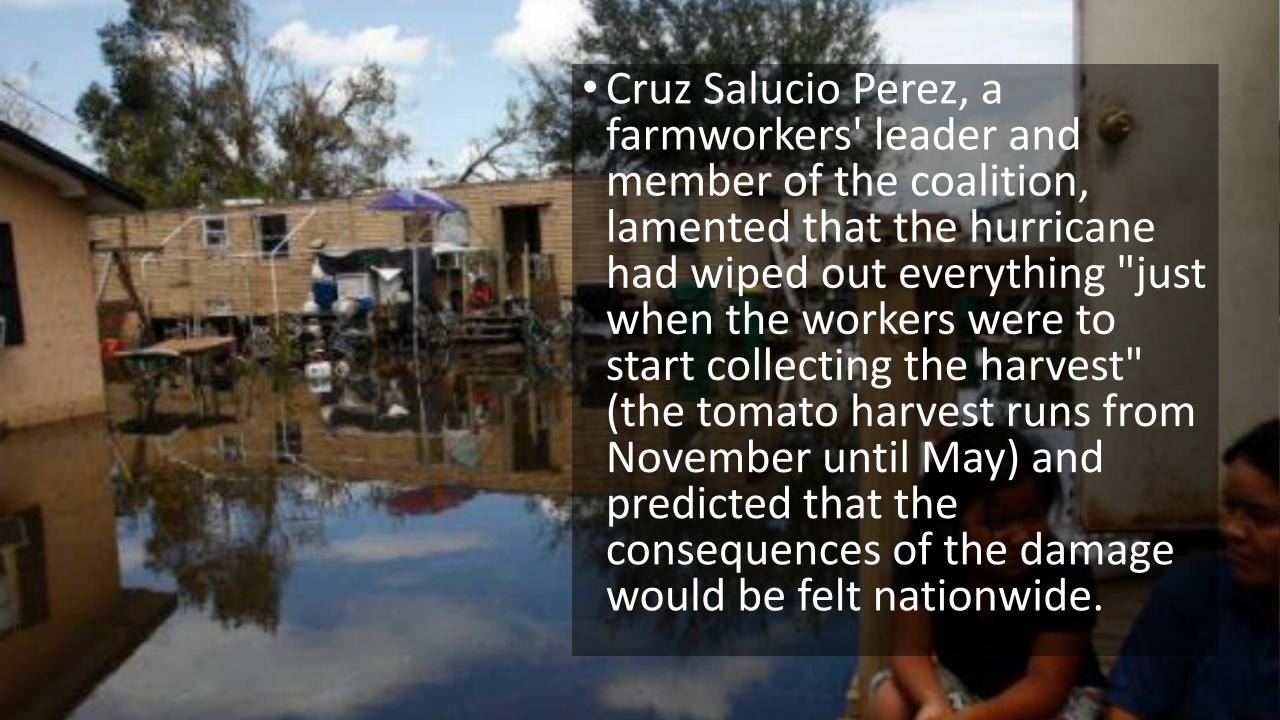
Sugar Cane

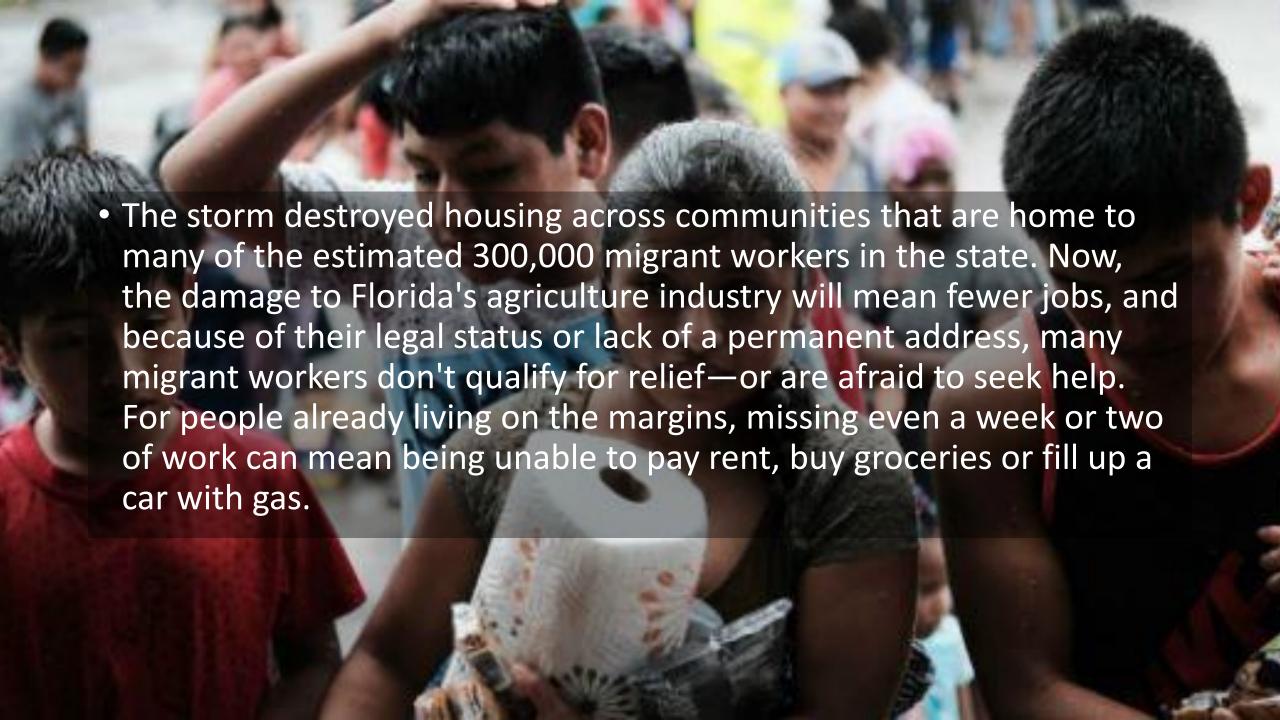


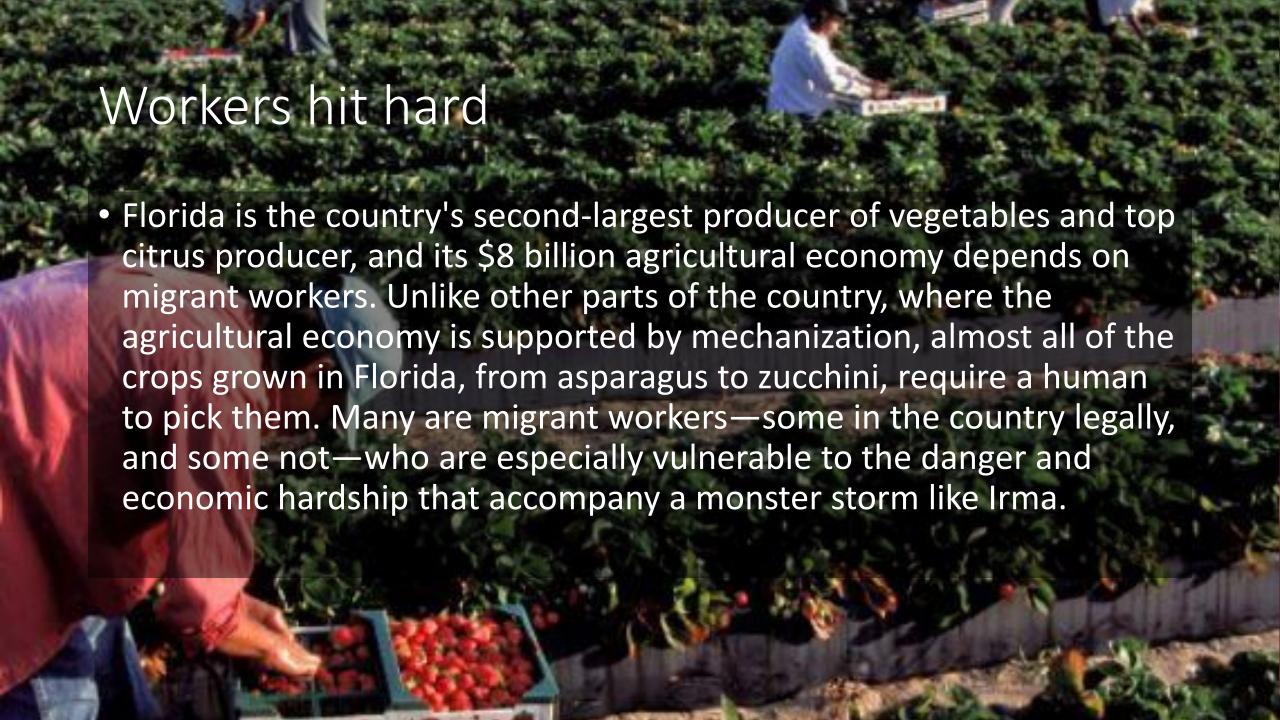












Frosts affect farms in January 2018

- Steve Veneziano, vice president of Oakes Farms in Immokalee, FL, said that on Thursday night, Jan. 4, there was widespread frost after 2 a.m., with a low of around 29 degrees. Widespread frost continued into Friday and Saturday.
- "We lost 90 percent of our squashes and cucumbers, and almost 75
 percent of all peppers sweet and specialty that were set on the bush
 were damaged," said Veneziano.
- He added that neighboring farmers in the Immokalee and surrounding regions were reporting similar crop losses, and that damage and loss assessments were ongoing.
- Calvert Cullen, president of Northampton Growers Produce Sales Inc., headquartered in Cheriton, VA, said the company's Florida crops suffered some frost damage including a tremendous amount of bloom damage.

Frosts affect farms in January 2018

- "Usually we're warmer on the eastern side of the state, but this time
 we were actually a few degrees colder," he explained. "Fortunately,
 we were finished with cucumbers before the freeze hit. But other
 crops didn't fare well, and we expect to be down about 50 percent
 overall."
- He noted that yellow squash, which has very thin skin, was so badly damaged that it is not worth even trying to harvest the current crop, but that new plantings are under way.
- "Zucchini is a little tougher, so we will have some to harvest," he
 added. "Peppers had about a 50 percent bloom drop. We'll continue
 to monitor so figures could change in the coming days and weeks."