

HURRICANE MICHAEL'S IMPACT

ON GEORGIA'S AGRICULTURAL ECONOMY

THE BIG PICTURE: FARM GATE VALUE

Hurricane Michael was catastrophic for commodities integral to Georgia's economy. To contextualize the impact of the storm's damage, it is helpful to consider the direct and ancillary losses within the scope of the state's agricultural economy. The numbers below represent the most recent farm gate values for the hardest-hit commodities. To read the full 2016 Georgia Farm Gate Value Report, visit <https://t.uga.edu/4w5>.



TIMBER

\$681 million



COTTON

\$968 million



VEGETABLES

\$996 million



PECANS

\$356 million



POULTRY

\$4.4 billion



PEANUTS

\$624 million



GREEN INDUSTRY

\$832 million



SOYBEANS

\$112 million

NOTE: All agricultural support sector loss estimates provided by the UGA Center for Agribusiness and Economic Development.

Hurricane Michael moved through southwest Georgia Oct. 10–11, 2018, causing more than \$2.5 billion in losses to the state's agriculture industry, according to estimates from University of Georgia Cooperative Extension agents and agricultural economists.

Direct losses are a result of immediate damage to commodities grown by Georgia farmers and agricultural producers. These losses include commodity damage to crops (cotton, soybeans), trees (pecans, timber), livestock (chickens), and structures (greenhouses, chicken houses). Impacts on the agricultural support sector refer to losses that Georgia agribusiness firms will sustain as a result of reduced output from the state's farmers and producers, which inhibits the value-added services necessary to produce finished goods. These estimates are subject to change.



Cotton

\$550–600 million

Direct losses

Estimated by Jared R. Whitaker, Crop and Soil Sciences; Yangxuan Liu and Jeffrey H. Dorfman, Agricultural and Applied Economics

\$74 million

Agriculture sector losses

Green Industry

Includes container nursery, field nursery, greenhouse and turf

\$13 million

Direct losses: structures

Estimated by Julie Campbell and Matthew Chappell, Horticulture; and Ben Campbell, Agricultural and Applied Economics

Peanuts

\$10–20 million

Direct losses

Estimated by W. Scott Monfort, Crop and Soil Sciences; Jeffrey H. Dorfman and Adam Rabinowitz, Agricultural and Applied Economics

\$1.6 million

Agriculture sector losses



Pecans

\$100 million

Direct losses: crops

\$260 million

Direct losses: trees

\$200 million

Direct losses: future income

Estimated by Lenny Wells, Horticulture; Esendugue Greg Fonsah and Jeffrey H. Dorfman, Agricultural and Applied Economics

\$24.7 million

Agriculture sector losses

Poultry

\$20 million

Direct losses: houses

\$8 million

Direct losses: birds

Estimated by Jeffrey H. Dorfman, Agricultural and Applied Economics; Casey Ritz, Poultry Science

\$20 million

Agriculture sector losses

Soybeans

\$10 million

Direct losses

Estimated by Jeffrey H. Dorfman, Agricultural and Applied Economics; Mark Freeman, Crop and Soil Sciences

\$0.7 million

Agriculture sector losses



Timber

\$763 million

Direct losses

Estimated by the Georgia Forestry Commission

\$170 million

Agriculture sector losses

Estimated by the Georgia Forestry Commission

Vegetables

\$480 million

Direct losses

Estimated by Esendugue Greg Fonsah, Agricultural and Applied Economics; Bhabesh Dutta, Plant Pathology; and Timothy Coolong and Andre Luiz Biscaia Ribeiro da Silva, Horticulture

\$69 million

Agriculture sector losses



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