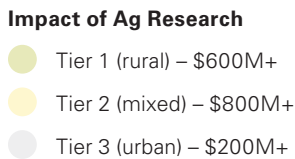





NC State discovers it, improves it and passes it on so North Carolina succeeds.

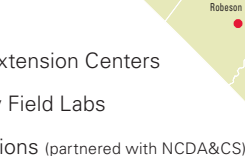
We improve N.C.'s top cash crops

adding billions to N.C.'s economy.



NC State's Facilities

-  N.C. Cooperative Extension Centers
-  NC State University Field Labs
-  Field Research Stations (partnered with NCDA&CS)



>

812 strong
in every county put
\$300M
into local economies

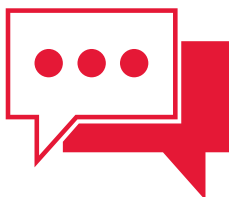
NC STATE
UNIVERSITY

College of Agriculture
and Life Sciences

We Need Your Support To Continue To Think and Do



RESEARCH



EXTENSION



IMPACT

A few examples of our impact:

Food Innovation to Build N.C. Jobs

Eighty percent of all crops grown in N.C. are shipped out of state for value-added processing. The new N.C. Food Processing and Innovation Center (N.C. Food PIC) will open new markets for growers, enhance crop values, grow local food entrepreneurs and bring value-add processing jobs to rural North Carolina.

Our food science researchers and Extension agents will play a critical role in helping grow N.C.'s food manufacturing economy from seed to supermarket in our own backyard.

Get the latest intel at go.ncsu.edu/NCFoodPIC

Growing New Opportunities

To support our state's \$791M **craft brewing** industry, NC State researchers and Extension specialists are helping farmers identify optimal hop cultivars, ideal growing areas and addressing key issues related to nutrition, disease and pest control. Pour over this: go.ncsu.edu/NCStateHops

NC State Extension specialists are conducting industrial **hemp research** across the state to answer questions about how, when and what varieties to plant, and helping determine the actual market size and grower opportunity. Check out that weed at go.ncsu.edu/HempResearch

Consumers want low-calorie sweeteners from natural sources. NC State is developing **stevia varieties** ideal for N.C. soils and climates to help farmers improve crop yields and taste to meet the growing demand of a thirsty beverage and food industry. Read our refreshing news at go.ncsu.edu/NCStateStevia

New World Leader in Plant Sciences

NC State – partnering with commodity groups, agribusinesses and startups – are developing a new, cross-disciplinary approach to plant sciences research in a world-class facility that will bring the brightest minds in academia, government and industry together to increase crop yields, enhance sustainability and extend N.C. growing seasons.

Through Extension, farmers across the state will have direct access to the latest developments in agricultural technology from the new world leader in plant sciences.

Read how we're growing at go.ncsu.edu/PSIfeature

Stopping Disease Cold Turkey

Blackhead disease can wipe out an entire turkey flock in weeks, causing millions of dollars in losses for N.C. farmers. The last remaining legal treatment for the disease was taken off the market in January 2016, but research at NC State has found a link between improved nutrition and gut health that can help combat this disease – keeping N.C. flocks and their \$885M annual economic impact healthy and strong.

Learn how we did it at go.ncsu.edu/Blackhead

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