



WELCOME!

Richard Linton, Dean of CALS

NC STATE THINK AND DO
THE EXTRAORDINARY

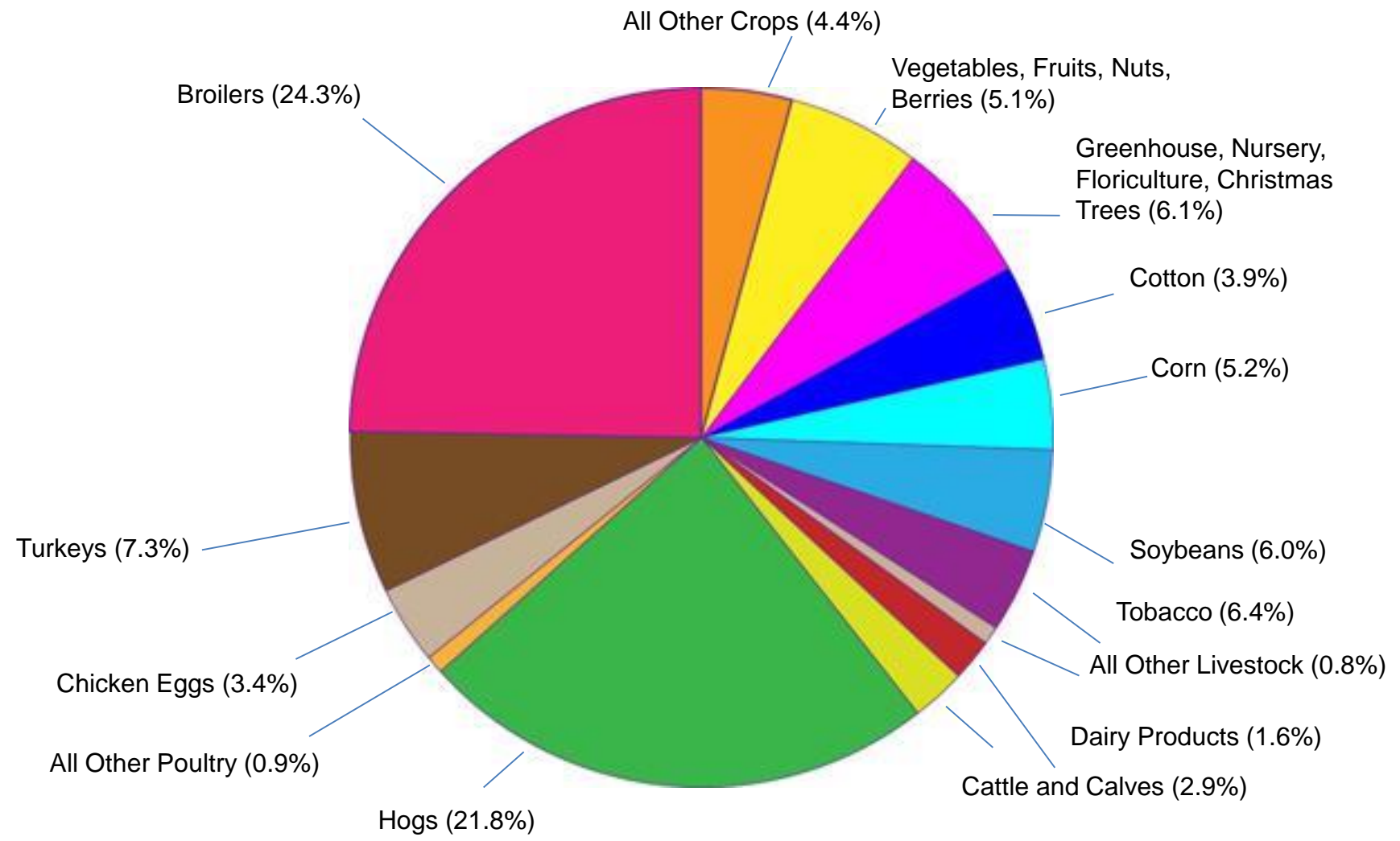
NC Agriculture is Strong/Growing

Agriculture and agribusiness generate **\$87.1 billion** or **16.7%** of NC income of \$522 billion annual gross state product

Agriculture and agribusiness account for **730,000** or **17%** of the state's 4.3 million **jobs**



NC Agriculture is Diverse



CALS & Extension by the Numbers

2,871

Undergraduate &
Ag Institute Students

19 + 25

19 Undergrad Degrees
25 Graduate Programs

1,020

Graduate &
PhD Students

1,416

Faculty & Staff

801

NC State Extension
Professionals in Total

583

County
Employees

18 + 7

18 Research Stations
7 Field Labs

\$41M

Fund-Raising Support
(FY 17-18)

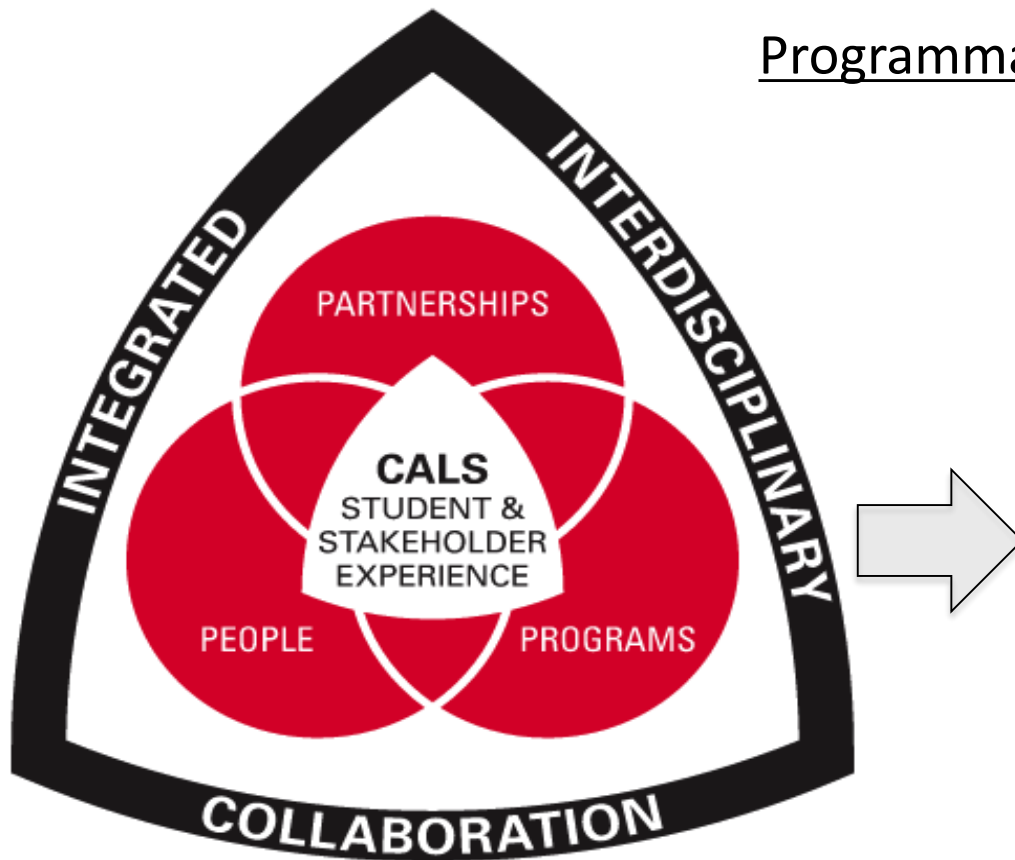
\$62M

Sponsored Research
Support (FY 17-18)

CALS Big Ideas

Growing solutions for global challenges

Programmatic, Interdisciplinary, Partnership



Food Manufacturing Initiative
Plant Sciences Initiative
Food Animal Initiative
Water Use and Management
Food Systems & Human Health

Expanding Human Capacity

Student Access
**Leadership

2013 - 2020 CALS Strategic Plan

We Grow NC

At NC State, we partner with North Carolina business, industry and community leaders in all 100 counties to create economic and intellectual prosperity in every corner of the state. **We Think and Do to grow NC.**

We Grow Economies



We Grow Opportunities



We Grow Solutions



We Grow Talent

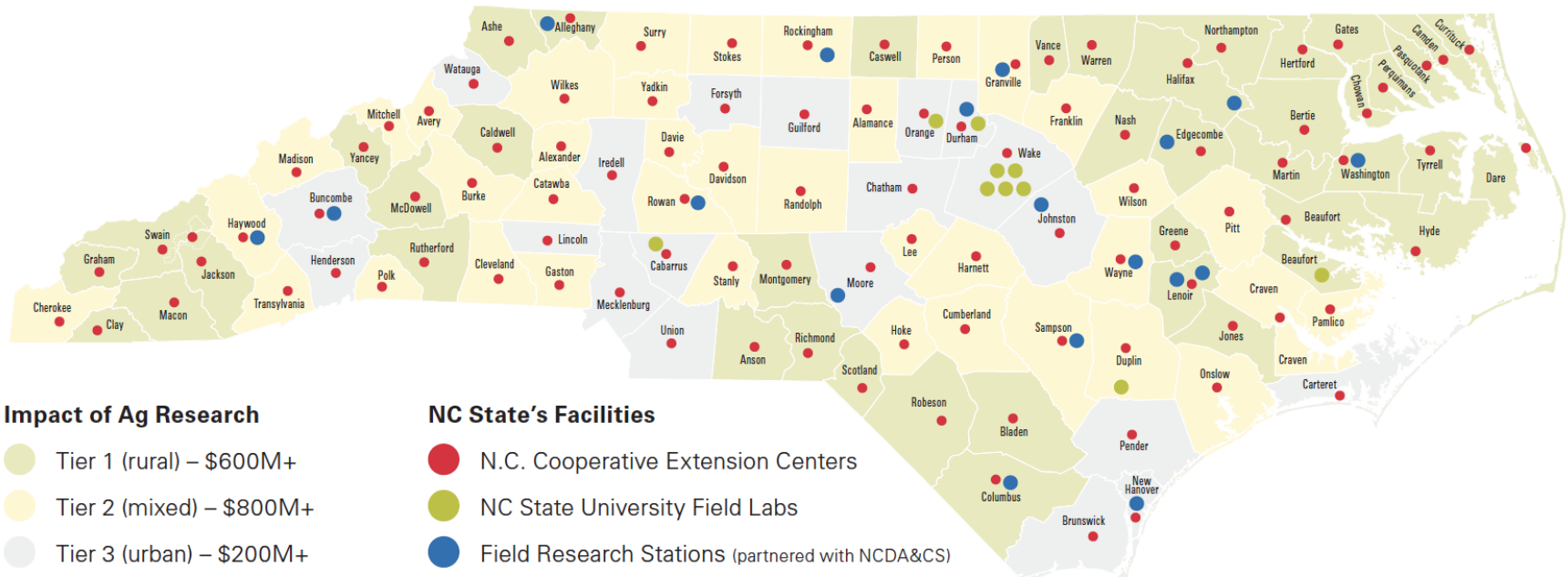


Research/Extension Network

We don't just stop at the lab. We put research into action at field labs and research stations across the state.

We improve NC's top cash crops

- including tobacco, sweet potatoes, peanuts, blueberries, cucumbers and Christmas trees –
- adding about \$2 billion to NC's economy every year.



NC Plant Sciences Initiative

Creating the world's premier plant sciences enterprise.

Local Impact

- > \$10B boost to NC Agriculture Economy
- > Economic prosperity for rural communities
- > Best place to do this in the world

Global Reach

- > 60% increase in food production by 2050
- > 84% of future agricultural jobs are projected to be in plant sciences disciplines

NC Plant Sciences Building

Construction Complete 2021



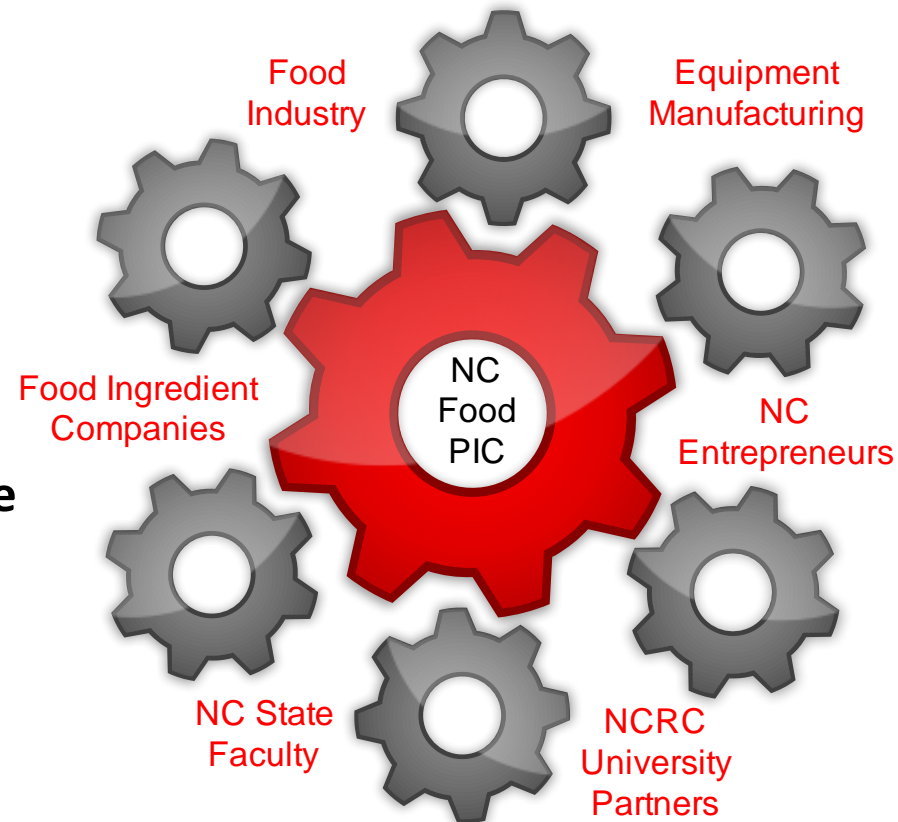
\$160.2M Investment

44+ Commodity Groups

NC Food Innovation Lab

A Catalyst for Plant Sciences and NC Food Manufacturing

- Provide state of the art facilities to promote new **plant-based product** and technology development, validation and commercialization
- Engage in **applied research and development** that translates to consumers and markets
- Deliver unique and relevant **plant science and food science training** to promote workforce development, entrepreneurial growth and industry engagement





“We cannot be the leading state in agriculture if we do not have strong agricultural leaders.”

- *Dr. Richard Linton, CALS Dean*

Through our research, teaching and extension efforts, we LEAD by SERVING our students, our colleagues, our citizens, our communities and our world.

go.ncsu.edu/CLO



CALS Leadership Development

Students, Faculty, Staff, Pre-College, External Stakeholders

Leadership Development

Professional Development

Orientation/Onboarding



External Stakeholders

- > Executive Farm Management
- > The NC Farm School
- > North Carolina Tobacco Trust Fund Commission
Agricultural Leadership Development Program

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Thank you!