

Built To Win

Agriculture’s grand challenges require the best minds from academia and industry – that’s why interdisciplinary team research is the foundation of the NC Plant Sciences Initiative.

Our North Carolina location offers a complete ecosystem for plant sciences research including 8 growing seasons, 80+ commodities and tremendous diversity in soil and climate parameters.

Proximity to the Research Triangle Park provides access to industry leaders in agbioscience research and development, and scores of prominent scientists, economists, engineers, business and marketing thought leaders from three major universities.

A Pipeline To Innovation

Our proven path to success gives partners a competitive advantage.



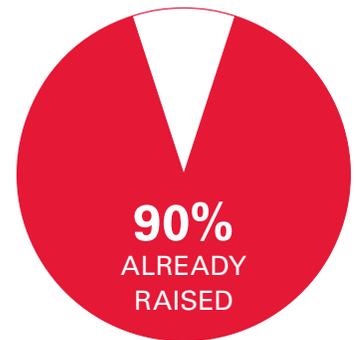
What if? That’s what drives our researchers. The unknowns are challenged here to help us find the next big thing.

We take a real problem and find a solution. Our basic research comes to life in a practical, attainable answer.

Our Extension arm puts our research into the real world. We test, gauge and report before we take it to market.

Partners translate our science into products, giving farmers the best solutions for our economy and quality of life.

CAPITAL COMMITMENTS:



North Carolina’s Natural Advantages

- > 8 growing seasons
- > 100+ commodities
- > Diverse soils/climate



NC State University’s Research Leaders

- > scientists
- > economists
- > engineers
- > marketers



NC STATE
UNIVERSITY

Think and do.



Collaborative Results

We are putting top tier research scientists together with engineers, economists and progressive marketers in a world-class facility designed to spark creative collisions.

The NC Plant Sciences Initiative will be an entrepreneurial hub driving the development of new solutions, new companies and new jobs.

Nearly 200,000 Square Feet of Genius

The Plant Sciences Research Complex will be the envy of any competing organization, both here and overseas. This premier facility will include:

104,500 gsf Research Labs

43,000 gsf Office Space

19,000 gsf BSL-2 and BSL-3 Grade
Rooftop Greenhouses

18,000 gsf Corporate Labs
and Offices

4,000 gsf Collaborative
Atrium Space

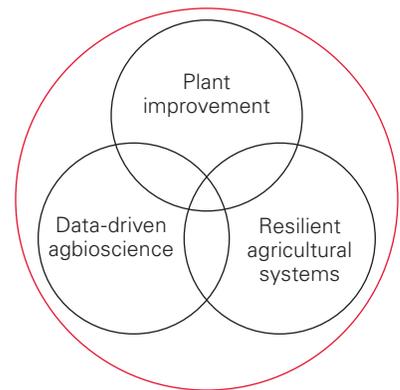
5,000 gsf Shared Flexible
Conference Space

**The NC Plant Sciences
Institute Will Focus
on Solving these
Grand Challenges**

- > disease
- > drought
- > nutrition
- > breeding



KEY RESEARCH AREAS



DISCOVERY & INNOVATION

Plant Improvement

Crop Stress Protection/Adaptation
Microbiomes

Data-driven Agbioscience

Predictive Agriculture
Field Data
Precision Agriculture

Resilient Agricultural Systems

Food and Plant Systems
Environmental Sustainability