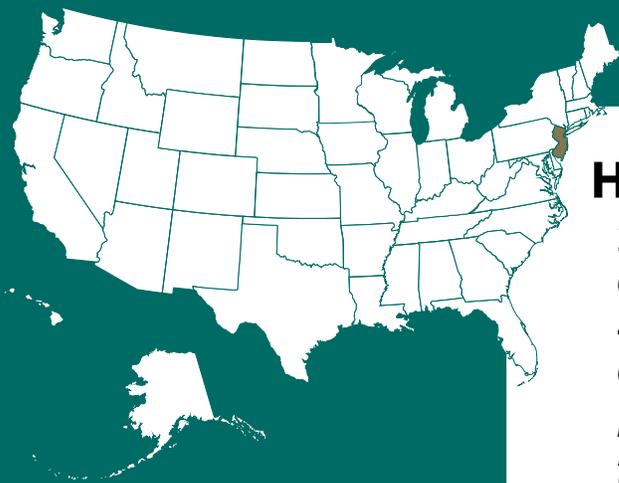


# Agricultural Education

## in New Jersey



Agricultural Education implements inquiry-based learning in the classroom and career exploration through work study and supervised agricultural experience programs. It develops leadership skills such as public speaking, teamwork, organization, and civic service through the intracurricular implementation of FFA.

Students who participate in agricultural education programs graduate with the skills necessary to become productive citizens who will succeed in postsecondary education or the workforce.

## High School

**2600** students in Agricultural Science Education

**60** agriculture teachers

**43** agricultural education programs

**60** students enrolled per program on average

### ***Instructional programs offered***

Applied Horticulture/Horticulture Operations  
Landscaping and Groundskeeping  
Ornamental Horticulture  
Agriculture, general  
Animal Science  
Natural Resources/Conservation  
Dog/Pet/Animal Grooming  
Culinary Science/Culinology

Animal Health  
Agricultural Mechanization, General  
Plant Science  
Agroecology & Sustainability  
Agriculture Business Management  
Floriculture, Floristry Operations & Management  
Food Science & Safety

### ***Curriculum for Agricultural Science (CASE)***

CASE is being implemented in **20+** schools. **28** teachers have **84** different certifications in CASE courses. CASE has provided the opportunity for schools to add additional pathways of instruction and expand the number of agriculture teachers at some schools. Many schools have articulation agreements with 2- and 4-year post-secondary institutions, providing students access to up to 13.5 college credits for high school CASE courses.

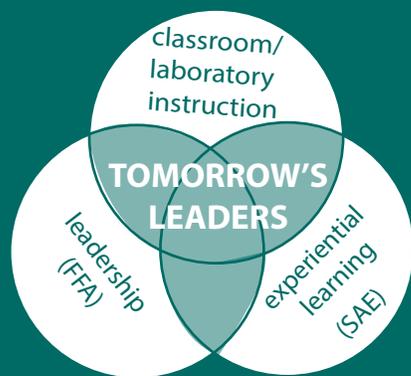
## Postsecondary & Adult

### ***University and Postsecondary Programs***

Agriculture, food and natural resource courses are taught at Rutgers School of Environmental and Biological Sciences. There are **12** county colleges that offer opportunities for students to pursue post-secondary education. Students also have access to an excellent network of colleges and universities throughout the region that offer credit for agriculture and CASE courses.

## Economic Impact of Agriculture

Food and agriculture are New Jersey's third largest industry. In 2015, the state's **9,071 farms** generated cash receipts of about **\$1 billion**. Farmers in the Garden State produce more than 100 different kinds of fruits and vegetables. In addition, growers also produced hundreds of thousands of dollars worth of specialty crops such as wine. Fish and seafood add another **\$133 million** to the value of agriculture in New Jersey.



For more information please visit  
[www.naae.org](http://www.naae.org)