

# **Rutgers Agricultural Research and Extension Center**

## **AGRICULTURAL AGENTS WITH RUTGERS COOPERATIVE EXTENSION OF GLOUCESTER COUNTY WORK CLOSELY WITH OTHER FACULTY AT THIS CENTER**

### **Our Mission**

Rutgers Agricultural Research and Extension Center (RAREC) has served the educational and research needs of commercial growers in New Jersey and the region since 1966. Today, applied research focuses on tree fruit, small fruit, vegetable, field crops and ornamental crops.

The Center's mission is to improve the production of profitable, high-quality food and ornamental crops that benefit New Jersey's economy and minimize environmental risks. Faculty specialists pursue this goal through research, demonstration and educational programs that encompass a multi-disciplinary approach to problem solving.

The center is also an IR-4 Northeast Regional Research Center, which houses the IR-4 state liaison. The National IR-4 program tests the safety and efficacy of crop-protection chemicals.

### **Extension specialists at the Center communicate results directly to county agents, growers and industry representatives through:**

- Close interaction with Rutgers Cooperative Extension county offices.
- Weekly newsletters with current field information on diseases, insects and other problems affecting New Jersey commodities, delivered directly to clientele.
- Participation in professional conferences, expositions, and agricultural fairs.
- Demonstration trials and field days conducted during the growing season.
- Educational sessions and tours of research plots.
- Extension Workshops and presentations conducted on-farm at the Center.

## **Our Areas of Specialization**

### **Entomology:**

Our entomologists develop integrated pest management systems that are economical, reduce risks and are environmentally sound. They assist tree fruit and vegetable growers to integrate new methods into their pest management systems.

### **Plant Pathology:**

Our plant pathologists use disease-forecasting systems that utilize correct weather dates to schedule fungicide applications for disease control. They recommend and study ways to efficiently manage plant diseases of vegetable and tree fruit crops. They promote integrated methods of plant disease control that include cultural, chemical & biological control measures.

### **Horticulture & Variety Evaluation:**

Our specialists examine stress factors that affect productivity and post-harvest storage. They have developed cultural techniques needed to grow high quality vegetables and fruits. Additionally, fruit and vegetable varieties that produce desirable, high-quality yields and are best adapted to New Jersey have been identified and recommended to growers.

### **Weed Management:**

Our weed scientist examines the effects of weed populations on vegetables, fruit and field crops. He recommends methods of weed control to County Extension Agents and clientele emphasizing weed management methods that are effective, economical and environmentally responsible.

## **How to Contact RAREC:**

**Rutgers Agricultural Research & Extension Center  
121 Northville Road  
Bridgeton, New Jersey 08302-5919  
Telephone: (856) 455-1300  
Fax: (856) 455-3133**

**RUTGERS COOPERATIVE EXTENSION  
N.J. AGRICULTURAL EXPERIMENT STATION  
RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY NEW BRUNSWICK**

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