

## Mountain Horticultural Crops Research and Extension Center

Mills River, N.C.

The Mountain Horticultural Crops Research and Extension Center opened on 14 acres in 1949. In A new administrative and laboratory building was built in 1987, and the Center has grown to 397 acres. The Center is home to research and extension faculty and staff from six academic departments of NC State's College of Agriculture and Life Sciences and College of Natural Resources. The Science House's Mountain Satellite Office and the N.C. Cooperative Extension's District Office are also housed here.

The growth and development of the Center is based on the success of its faculty and staff as leaders in laboratory, greenhouse and field studies vitally important to Western North Carolina's agricultural economy. Located in the Southern Appalachians' French Broad River basin at a base elevation of 2,069 feet, the MHCREC has a varied topography and climate conducive to crop research and evaluation of cultural practices of the region. The Center's core research areas are apples, tomatoes and ornamentals. Additional research efforts include bioenergy crops, corn, hops, peaches, vegetables, soybeans, and other specialty and alternative crops.

### The College of Agriculture and Life Sciences

The College of Agriculture and Life Sciences educates students through its Office of Academic Programs, seeks new knowledge through its research division, the North Carolina Agricultural Research Service, and extends educational programs throughout the state through NC State Extension.

Our strong relationships with our many partners enhance the quality and productivity of our research, teaching and extension programs.

We extend our appreciation to all our field day partners and participants.

Learn more at [cals.ncsu.edu](http://cals.ncsu.edu)



### 2017 Apple Field Day

August 3, 2017

**Mountain Horticultural Crops  
Research and Extension Center  
Mills River, N.C.**

*Sponsored by:*

NC State University's  
College of Agriculture and Life Sciences  
N.C. Agricultural Research Service  
N.C. Cooperative Extension Service

N.C. Department of Agriculture  
& Consumer Services

N.C. Apple Growers Association

**NC STATE  
UNIVERSITY**

College of Agriculture  
and Life Sciences

## **Registration**

**3:30 p.m.**

## **Load Wagons for Field Tour**

**4:00 p.m.**

## **Apple Scab Trials**

Rachel Kreis

Sara Villani

*Dept. of Entomology and Plant Pathology*

## **NC-140 Rootstock Trial Plantings**

Michael Parker

*Dept. of Horticultural Science*

## **Brown Marmorated Stink Bug Peach Pest Management Program**

Jim Walgenbach

*Dept. of Entomology and Plant Pathology*

## **Herbicide Program**

Wayne Mitchem

*Dept. of Horticultural Science*

## **Apple Pest Management Research Program**

Jim Walgenbach

*Dept. of Entomology and Plant Pathology*

## **Plant Growth Regulator Research**

Tom Kon

*Dept. of Horticultural Science*

## **Replant Gala Trial**

Michael Parker

*Dept. of Horticultural Science*

## **Chemical Thinning Research**

Tom Kon

*Dept. of Horticultural Science*

## **Evaluation of Asian and European Pears in N.C.**

Michael Parker

*Dept. of Horticultural Science*

## **Glomerella Apple Research Program/Rapid Apple Decline**

Sara Villani

*Dept. of Entomology and Plant Pathology*

## **Board Wagons for Ride to Packhouse**

## **Demonstration of the Durand-Wayland Ultrasort Sizer**

An ultramodern fruit and vegetable packing system

Steven Daugherty

*Field Service Manager, Durand-Wayland, Inc.*

Tom Kon

*Dept. of Horticultural Science*

## **Supper**

**7:00 p.m.**

Sponsored by Durand-Wayland

## **Welcome and Comments**

Jeff Chandler, Director

*Mountain Horticultural Crops Research and Extension Center*

*NC State University*

David Monks, Associate Director

*N.C. Agricultural Research Service*

*NC State University*

Kenny Barnwell, President

*N.C. Apple Growers Association*

Bill Yarborough, Agricultural Programs Administrator

*N.C. Dept. of Agriculture and Consumer Services*

**Please join us in thanking Durand-Wayland  
for sponsoring tonight's dinner.**

