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2019 Apple Field Day

August 1, 2019

11:30 AM - 3:30 PM

**74 Research Drive,
Mills River, NC 28759, USA**

Sponsored by:

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

N.C. Department of Agriculture
and Consumer Services

N.C. Apples Grower's Association

NC STATE UNIVERSITY

College of Agriculture
and Life Sciences

Tour of Research Information Guide

- > There will be 13 presentations.
- > Everyone will have the opportunity to hear each presentation.
- > If you need to return to the registration area during the tour, please let a staff member know and they will bring you back.
- > Extension Agent hosts will be present at each stop to take additional questions.

Registration **11:30 a.m.**

Lunch and Comments **12:30 p.m.**

Jeff Chandler, Director
NC State University's Mountain Horticultural Crops Research and Extension Center

Dr. Steve Lommel, Associate Dean and Director
NC Agricultural Research Service

Dr. Sandy Stewart, Assistant Commissioner of Agricultural Services for the North Carolina Department of Agriculture and Consumer Services

Greg Nix
President, North Carolina Apple Grower's Associations

Tour Instructions **1:30 p.m.**

Jeff Chandler, Director
NC State University's Mountain Horticultural Crops Research and Extension Center

Field Tour of Research **1:45 p.m. – 4 p.m.**

Aspects of cleaning and sanitation to remember

Elena Rogers, NC State Extension, Food Safety

Chemical thinning research

Tom Kon, NC State University's Dept of Horticultural Science

Enhancing apple fruit size with 6-BA

Krittika Tonapi, University of Georgia Dept of Horticulture
Tom Kon, NC State University's Dept of Horticultural Science

Plant growth regulator research

Tom Kon, NC State University's Dept of Horticultural Science

Apple and peach insecticide trials

Jim Walgenbach and Steve Schoof
NC State University's Dept of Entomology and Plant Pathology

Interpreting brown marmorated stink bug pheromone trap captures

Steve Schoof and Jim Walgenbach
NC State University's Dept of Entomology and Plant Pathology

The search for the Samurai Wasp

Amelia Heintz-Botz and Jim Walgenbach
NC State University's Dept of Entomology and Plant Pathology

Evaluating management strategies for ambrosia beetles

Sean Gresham, Jim Walgenbach, Tom Kon and Sara Villani
NC State University's Dept of Entomology and Plant Pathology
NC State University's Dept of Horticultural Science

Evaluation of streptomycin-alternatives for blossom blight management

Sara Villani and Rachel Kreis
NC State University's Dept of Entomology and Plant Pathology

Evaluation of SDHI fungicides for the management of early season apple diseases

Sara Villani and Rachel Kreis
NC State University's Dept of Entomology and Plant Pathology

Enhancing chemical management of Glomerella leaf spot and bitter rot

Sara Villani and Rachel Kreis
NC State University's Dept of Entomology and Plant Pathology

Evaluation of fungicides for the management of brown rot on peaches

Rachel Kreis and Sara Villani
NC State University's Dept of Entomology and Plant Pathology

On Farm Readiness Review and Produce Inspection

Chris Harris
N.C. Department of Agriculture and Consumer Services,
Produce Safety

Rootstock Evaluations

Mike Parker
NC State University's Dept of Horticultural Science

- 2010 NC-140 Fuji
- 2018 Pink Lady
- 2019 NC-140 Gala

About the Mountain Horticultural Crops Research and Extension Center

The Mountain Horticultural Crops Research and Extension Center opened on 14 acres in 1949. 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 N.C. Cooperative Extension's District Office are 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.

Pesticides Credits will be available for today's field day. Please see Craig Mauney or Jessica Edney for more information.

About 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 Cooperative 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