Mountain Horticultural Crops Research Station and the Mountain Horticultural Crops Research and Extension Center

The Mountain Horticultural Crops Research Station was first established on 14 acres in 1949 and now encompasses 373 acres. The station is a leader in producing information for production of horticultural crops such as ornamentals, tomatoes, medicinal herbs and other specialty crops, as well as fruits and vegetables, which are vitally important to Western North Carolina's economy.

The Mountain Horticultural Crops Research and Extension Center is adjacent to the Mountain Horticultural Crops Research Station and was established in 1985 with funds appropriated by the North Carolina State Legislature.

Workshops, field days, short courses and in-service training for horticultural professionals and the public are conducted at these sites.

More information is here:

- The Mountain Horticultural Crops Research and Extension Center — 828.684.3562; http://www.cesncsu.edu/fletcher
- The Mountain Horticultural Crops Research Station — 828.684.7197; http://www.agr.state.nc.us/research/mhcrs.htm

Payment methods: Register on-line at www.NCNLA.com or make checks payable to NCNLA and send them and this registration form to:

NCNLA, 968 Trinity Road, Raleigh, NC 27607
Phone: 919.816.9119 • Fax: 919.816.9118

Credit Cards: ☐ Visa ☐ MasterCard ☐ AmEx

Card Number: ________________________________
Expiration date: ________________________________
Name on card: ________________________________
Signature: ________________________________

On-site registration will be an additional $5.

Morning Research Tours: ☐ Free

Afternoon Education Program (Short Course)
Limited to 100 people.

- NCNLA Member ($30)
- Non-Member ($40)
- Extension w/ID (Free)
- Student w/ID ($15)
- NCNLA Member # ________________________________

(Lunch provided for pre-registered afternoon education session attendees.)

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Morning Program

Field Tours
Mountain Horticultural Crops Research Station
74 Research Drive
Fletcher, NC 28732-7729

8:00 – 9:00 a.m.
Registration
0.5 pesticide recertification credit Class LNODX

9:00 – 9:30 a.m.
Welcome and Opening Remarks
David Monks, Assistant Director of Research, College of Agriculture and Life Sciences, NC State University
Richard Reich, Assistant Commissioner, North Carolina Department of Agriculture and Consumer Sciences
Julia Kornegay, Head, Horticultural Science, NC State University
John Allen, President, North Carolina Nursery and Landscape Association, President, Shiloh Nursery, Harmony, N.C.

9:30 a.m. – 12:00 p.m.
Tour of Research
1. Breeding New Disease Resistant Dogwoods. Tom Ranney, Tom Eaker, Joel Mowrey, Nathan Lynch, and Brian Upchurch, Horticultural Science
2. Developing Non-Invasive Miscanthus for Gardens and Biofuel. Darren Touchell, Tom Ranney, and Jeremy Smith, Horticultural Science
5. Azalea and Rhododendron Trial Plants (available to the first 150 participants). Tom Ranney, Jeff Jones, Joel Mowrey, and Anthony LeBude, Horticultural Science
6. Breeding Azaleas and Rhododendrons. Tom Ranney, Jeff Jones, Nathan Lynch, and Joel Mowrey, Horticultural Science
12. Improving short-term drought tolerance in container plants with the growth regulator ABA. Anthony V. LeBude and Joe Conner, Horticultural Science
13. Evaluating various Tsuga (hemlock) and Hex (holly) species for adaptability to Western North Carolina. Anthony LeBude, Tom Ranney, Ray Head, and Bill Cannon, Horticultural Science

Afternoon Program

Nursery Crops Short Course
Mountain Horticultural Crops Research and Extension Center
455 Research Drive, Fletcher, NC
Limited to 100 participants. Pre-register online at www.ncnla.com or send in the attached registration form. Lunch provided for pre-registered p.m. participants only. 1.5 pesticide recertification credits Class LNODX.

12:00-1:00 p.m.
Lunch for pre-registered participants.
Sponsored by Carolina Farm Credit, Statesville, NC
1:00 - 1:30 p.m.
Economic Impact of the Green Industry
Charles Safler, Agricultural and Resource Economics, NCSU
1:30 - 2:00 p.m.
Garbage In: Substrate Out
Ted Bilderback, Horticultural Science, NCSU
2:00 - 2:45 p.m.
Managing arthropod pests in the nursery and landscape
Steve Bambara, Entomology, NCSU
2:45-3:00
Break
Sponsored by North Carolina Nursery and Landscape Association
3:00 - 3:30 p.m.
Best Management Practices for Field Production
Anthony LeBude, Horticultural Science
3:30 - 4:00 p.m.
Research in Phytophthora Management
Kelly Ivors, Plant Pathology, NCSU
4:00 - 4:30 p.m.
Conifers for Western North Carolina
Tom Ranney, Horticultural Science
4:30-4:45 p.m.
Closing remarks

About the College of Agriculture and Life Sciences
The College of Agriculture and Life Sciences at North Carolina State University exists to serve North Carolina and its citizens. The college discovers, develops, teaches and applies knowledge and technology that enable students, clientele and citizens of North Carolina and beyond to improve the quality of their lives and to enhance the agricultural, economic, environmental and social well-being of the state and the world.

Among the ways that the college is working to increase its outreach to North Carolinians is through partnerships such as those that made this field day possible. The college extends its appreciation to the field day partners and the participants.

Information about the College is available from:
☒ Dean’s Office — 919.515.2668
Dr. Johnny Wynne, Dean
☒ Academic Programs — 919.515.2614
Dr. Kenneth Esbenshade, Director
☒ North Carolina Agricultural Research Service — 919.515.2717
Dr. Sylvia Blankenship, Interim Director
☒ North Carolina Cooperative Extension Service — 919.515.2811
Dr. Jon Ort, Director
☒ The College’s Web site — http://www.cals.ncsu.edu