The College of Agriculture and Life Sciences

The College of Agriculture and Life Sciences at North Carolina State University provides knowledge and technology that improve the economy, environment and quality of life for the citizens of North Carolina. In the classroom, we equip students for productive careers. Through research, we find solutions and develop systems with economic, environmental and social value. Our extension programs are helping people use knowledge to enhance their lives and livelihoods.

Relationships with many partners enhance the quality and productivity of our research, teaching and extension programs. We extend our appreciation to the field day partners and participants.

To learn more about the College of Agriculture and Life Sciences, contact:

- Dean’s Office — 919.515.2668
  Dr. Sylvia Blankenship, Interim Dean
- Academic Programs — 919.515.2614
  Dr. Sam Pardue, Interim Director
- North Carolina Agricultural Research Service — 919.515.2717
  Dr. W. David Smith, Director
- North Carolina Cooperative Extension — 919.515.2811
  Dr. Joe Zublena, Director

The College’s Web site:
http://www.cals.ncsu.edu
Program

7:30 a.m.
Registration (and browse exhibits)

8:00 a.m.
Welcome and Remarks
David Monks, Assistant Director, N.C. Agricultural Research Service, N.C. State University
Sandy Stewart, Director, Research Stations Division, N.C. Department of Agriculture and Consumer Services and N.C. State University
Joe French, Superintendent, Upper Piedmont Research Station, N.C. State University

8:15 - 8:30 a.m.
Three Decades of Tillage Work: The Reidsville Tillage Trials
Alan Meijer, Department of Soil Science, N.C. State University

8:30 - 8:50 a.m.
28 Years of Soybean and Corn Performance under Nine Tillage Methods
Alan Meijer, Department of Soil Science, N.C. State University

9:00 - 9:30 a.m.
Soil Organic Matter: How, Why and What for?
Alan Franzluebbers, Department of Crop Science and USDA Agricultural Research Service, N.C. State University

9:30 - 9:50 a.m.
Using Lidar to Measure Erosion and Topography: A New Tool for Land Management
Alan Meijer and Rob Austin, Department of Soil Science, N.C. State University

9:50 - 10:10 a.m.
Maximizing Soybean Growth and Development
Jim Dunphy, Department of Crop Science, N.C. State University

10:10 - 10:40 a.m.
Kudzu Bug and Other Soybean Pests
Dominic Reisig, Department of Entomology, N.C. State University

10:40 - 11:10 a.m.
Characterizing Soil Physical Properties by Remote Sensing: Ground Penetrating Radar, Soil Conductivity and Microwaves
Wes Tuttle, USDA Natural Resources Conservation Service, Wilkesboro, N.C.; and Jeff White, Department of Soil Science, N.C. State University

11:10 - 11:30 a.m.
Meal (browse exhibits)