

North Carolina Soybean Production Guide

Table of Contents

The Soybean Plant
Soybean Production and Marketing in North Carolina
Cultural Practices
Variety Selection
Planting Decisions
Fertilization and Nutrient Management
Weed Management
Disease and Nematode Management
Insect Management
Harvesting, Drying, and Storage
Soybean Facts

Introduction

The purpose of this publication is to provide information on soybean production in North Carolina. This information is intended to help producers make better decisions and increase yields and profits.

Much of the research and extension contained in this publication was funded by the North Carolina Soybean Producers Association (NCSPA). The NCSPA is the Qualified State Checkoff Board to administer soybean checkoff-funded programs for soybean producers in North Carolina. The NCSPA serves the interest of North Carolina soybean growers through research, promotion, and advocacy. Support for research is the largest investment of the Association, and monies from the grower assessment support and fund research at North Carolina State University that ultimately helps fulfill our mission of maximizing the profitability of North Carolina soybean farmers in an economically and environmentally sound manner.

The NCSPA is governed by a board of 30 farmer directors, a team of four officers, North Carolina's American Soybean Association director, and two United Soybean Board directors. For more information, contact the [North Carolina Soybean Producers Association](#), 211 E Six Forks Road, Suite 102, Raleigh, NC 27609, or call 919-839-5700.

For more research-based information about soybean production, visit the [NC State Extension soybean portal](#) and the [NCSPA Grower Information Portal](#).

Extension Personnel Working with Soybeans

County Extension personnel with soybean responsibilities as of January 1, 2018:

County	Full Name	City	Phone
---------------	------------------	-------------	--------------

Alamance County	Dwayne Dabbs	Burlington	(336) 570-6740
Alexander County	Allison Brown	Taylorsville	(828) 632-4451
Anson County	Jessica Morgan	Wadesboro	(704) 694-2415
Ashe County	Charles Young	Jefferson	(336) 219-2650
Avery County	Jerry Moody	Newland	(828) 733-8270
Beaufort County	Rod Gurganus	Washington	(252) 946-0111
Bertie County	Jarette Hurry	Windsor	(252) 794-5317
Bladen County	Bruce McLean	Elizabethtown	(910) 862-4591
Brunswick County	Mark Blevins	Bolivia	(910) 253-2610
Brunswick County	Al Hight	Bolivia	(910) 253-2610
Buncombe County	Steve Duckett	Asheville	(828) 255-5522
Burke County	Damon Pollard	Morganton	(828) 439-4460
Cabarrus County	Carl Pless	Concord	(704) 920-3310

Caldwell County	Seth Nagy	Lenoir	(828) 757-1290
Camden County	Austin Brown	Camden	(252) 338-1919
Caswell County	Joey Knight	Yanceyville	(336) 694-4158 x16
Catawba County	George Place	Newton	(828) 465-8240
Chatham County	Marti Day	Pittsboro	(919) 542-8202
Chatham County	Sam Groce	Pittsboro	(919) 542-8202
Cherokee County	Keith Wood	Murphy	(828) 837-2210
Chowan County	Matthew Leary	Edenton	(252) 482-6585
Cleveland, Gaston & Lincoln counties	Andrew Scruggs	Shelby	(704) 482-4365
Columbus County	Michael Shaw	Whiteville	(910) 640-6605
Craven & Carteret counties	Mike Carroll	New Bern	(252) 633-1477
Cumberland County	Andrew Growe	Fayetteville	(910) 321-6875
Currituck County	Jody Carpenter	Currituck	(252) 232-2262 x231

Davidson County	Troy Coggins	Lexington	(336) 242-2083
Davie & Yadkin counties	Marsha McCraw	Mocksville	(336) 753-6100
Duplin County	Blake Sandlin	Kenansville	(910) 296-2143
Edgecombe County	Art Bradley	Tarboro	(252) 641-7815
Forsyth, Surry, & Stokes counties	Timothy Hambrick	Winston Salem	(336) 703-2850
Franklin County	Charles Mitchell	Louisburg	(919) 496-3344
Gates County	Paul Smith	Gatesville	(252) 357-1400
Granville & Person counties	Gary Cross	Oxford	(919) 603-1350
Greene County	Roy Thagard	Snow Hill	(252) 747-5831
Guilford County	Crops Agent	Greensboro	(336) 375-5876
Halifax County	Arthur Whitehead	Halifax	(252) 583-5161
Harnett County	Brian Parrish	Lillington	(910) 893-7530
Hertford County	Josh Holland	Winton	(252) 358-7822

Hoke County	Howard Wallace	Raeford	(910) 875-3461 x225
Hyde County	Andrea Gibbs	Swan Quarter	(252)926-4486
Iredell County	Laura Elmore	Statesville	(704) 878-3165
Johnston County	Tim Britton	Smithfield	(919) 989-5380
Jones & Lenoir counties	Jacob Morgan	Trenton	(252) 448-9621
Lee County	Zack Taylor	Sanford	(919) 775-5624
Lenoir County	Steve Killete	Kinston	(252) 527-2191
Macon County	Joe Deal	Franklin	(828) 349-2046
Martin & Pitt counties	Lance Grimes	Williamston	(252) 789-4370
McDowell County	Crops Agent	Marion	(828) 652-7874
Montgomery County	Crops Agent	Troy	(910) 576-6011
Moore County	Taylor Williams	Carthage	(910) 947-3188
Nash County	Maryanna Bennett	Nashville	(252) 459-9810

Northampton County	Craig Ellison	Jackson	(252) 534-2711 x647
Onslow County	Melissa Huffman	Jacksonville	(910) 455-5873
Orange County	Mart Bumgarner	Hillsborough	(919) 245-2051
Pamlico County	Daniel Simpson	Bayboro	(252) 745-4121
Pasquotank County	Al Wood	Elizabeth City	(252) 338-3954
Pender County	Mark Seitz	Burgaw	(910) 259-1235
Perquimans County	Dylan Lilley	Hertford	(252) 426-5428
Polk County	John Vining	Columbus	(828) 593-8179
Randolph County	Jon Wall	Asheboro	(336) 318-6000
Richmond County	Paige Burns	Rockingham	(910) 997-8255
Robeson County	Mac Malloy	Lumberton	(910) 671-3276
Rockingham County	William Strader	Reidsville	(336) 342-8235
Rowan County	Watts, Morgan	Salisbury	(704) 216-8970

Rutherford County	Janice R. McGuinn	Spindale	(828) 287-6010
Sampson County	Della King	Clinton	(910) 592-7161
Scotland County	Randy Wood	Laurinburg	(910) 277-2422
Stanly County	Dustin Adcock	Albemarle	(704) 983-3987
Transylvania County	Bart Renner	Brevard	(828) 884-3109
Tyrrell County	Crops Agent	Columbia	(252) 796-1581
Union County	Crops Agent	Monroe	(704) 283-3801
Vance County	Wayne Rowland	Henderson	(252) 438-8188 x20
Wake County	Emily Mueller	Raleigh	(919) 250-1100
Warren County	Kelsey Lichtenwalner	Warrenton	(252) 257-3640
Warren County	Paul McKenzie	Warrenton	(252) 257-3640
Washington County	Anna-Beth Williams	Plymouth	(252) 793-2163
Watauga County	Eddy Labus	Boone	(828) 264-3061 x16

Wayne County	Tyler Whaley	Goldsboro	(919) 731-1521
Wilkes County	John Cothren	Wilkesboro	(336) 651-7348
Wilson County	Norman Harrell	Wilson	(252) 237-0111
Yancey County	Stanley Holloway	Burnsville	(828) 682-6187

Funding for and coordination of this publication were provided by the North Carolina Soybean Producers Association.



Authors

Katherine Drake Stowe

Coordinating Author, Research Coordinator North Carolina Soybean Producers Association

Carl Crozier

Cooperative Extension Soil Science Specialist Crop and Soil Sciences

Gary Bullen

Extension Associate - Farm Management Agricultural & Resource Economics

Jim Dunphy

Professor and Extension Soybean Specialist Crop and Soil Sciences

Wesley Everman

Extension Weed Specialist and Assistant Professor Crop and Soil Sciences

David Hardy

Section Chief, Soil Testing, Agronomic Services NC Department of Agriculture and Consumer Services

Deanna Osmond

Department Extension Leader (Nutrient Mgt and Water Quality) Crop and Soil Sciences

Nick Piggott

Professor, Grain Marketing and Risk Management Agricultural & Resource Economics

Sandeep Rana

Postdoctoral Research Fellow, Weed Science Crop and Soil Sciences

Dominic Reisig

Associate Professor and Extension Specialist Entomology and Plant Pathology

Gary Roberson

Extension Specialist and Associate Professor, Machinery Systems Biological & Agricultural Engineering

Brandon Schrage

Graduate Teaching and Research Assistant Crop and Soil Sciences

Lindsey Thiessen

Assistant Professor & Extension Specialist Entomology and Plant Pathology

Derek Washburn

NC Farm School Associate Agricultural & Resource Economics

Publication date: Nov. 21, 2017

AG-835

Recommendations for the use of agricultural chemicals are included in this publication as a convenience to the reader. The use of brand names and any mention or listing of commercial products or services in this publication does not imply endorsement by NC State University or N.C. A&T State University nor discrimination against similar products or services not mentioned. Individuals who use agricultural chemicals are responsible for ensuring that the intended use complies with current regulations and conforms to the product label. Be sure to obtain current information about usage regulations and examine a current product label before applying any chemical. For assistance, contact your local N.C. Cooperative Extension county center.

North Carolina State University and North Carolina A&T State University commit themselves to positive action to secure equal opportunity regardless of race, color, creed, national origin, religion, sex, age, veteran status or disability. In addition, the two Universities welcome all persons without regard to sexual orientation.

This publication printed on: Nov. 20, 2018

URL of this page

