



WWW.MSSOY.ORG ⇒ MSPB WEBSITE WITH UP-TO-DATE SOYBEAN PRODUCTION INFORMATION

LINKS TO SOYBEAN INFORMATION ON MSSOY

The below links are to articles on this website or to articles on other websites that contain the best information available for growing soybeans in Mississippi.

Pertinent, timely information on a variety of subjects is posted in the [blog](#) (articles) section of the website. New entries will be posted in this section several times each month.

The MSSOY articles, and articles that are linked in them, contain pertinent, detailed information about each title subject.

Results from MSPB-funded research projects are posted in the “[Research](#)” section (check either annual report or final report box) of the website as they become available. MSPB videos are on the [MSPB YouTube Channel](#).

PLANTING/AGRONOMY

Varieties

[SOYMAP Tutorial–Univ. of Ark.](#)
[Using SOYMAP for Choosing Soybean Varieties for Midsouth Locations–MSSOY White Paper](#)
[SOYSTAGE–A Tool for Predicting Soybean Reproductive Stages–MSSOY White Paper](#)
[Using Multi-State Variety Trial Results–MSSOY White Paper](#)
[Accessing Companies’ Soybean Variety Trait Data–MSSOY White Paper](#)
[Varietal Screening for Metribuzin Sensitivity–Univ. of Ark.](#)
[Soybean Variety Name Consistency–MSSOY White Paper](#)
[On-Farm Soybean Variety Demonstrations–MSU-ES](#)
[Soybean Variety Short List–MSU-ES](#)
[GEC’s vs. GMO’s–MSSOY White Paper](#)
[Soybean Varieties’ Cross Reference Guide–Univ. of Ark.](#)

Planting Date

[Planting Date and Temperature–MSSOY White Paper](#)
[Planting Date Decisions–MSSOY White Paper](#)
[Early Soybean Production System \(ESPS\) Handbook–USB](#)
[Ultra-Early Planting in the Midsouth–MSSOY White Paper](#)
[Management of Late-Planted Soybeans–MSSOY White Paper](#)

Row Spacing

[Row Spacing Decisions–MSSOY White Paper](#)

Seeding Rate/Plant Population

[Optimal Plant Populations/Seeding Rates for Soybeans–MSU-ES](#)
[Soybean Seeding Rate and Plant Population–MSSOY White Paper](#)

Seed Handling

[Handling Bulk Soybean Seed Before Planting–MSSOY White Paper](#)
[Use and Disposal of Treated Soybean Seed–MSSOY White Paper](#)
[Storing Soybean Planting Seed for Future Use–MSSOY White Paper](#)
[Soybean Grade Requirements and Discount Schedules–MSSOY White Paper](#)

Doublecropping

[Doublecropping in the Midsouth–MSSOY White Paper](#)

Cover Crops

[Cover Crops–MSSOY White Paper](#)
[Conservation Systems Research–National Soil Dynamics Lab–USDA-ARS](#)
[Managing Cover Crops Profitably–USDA-SARE](#)
[Cover Crop Variety Trial Results–MSSOY White Paper](#)



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Managing Crop Residues

[Managing Crop Residues–MSSOY White Paper](#)

Yield Contests

[Results from MSPB's Soybean Yield Contests–MSSOY White Paper](#)

PEST MANAGEMENT

General

[Pest Management Guides–Midsouth States](#)

[Spraying Technology–MSSOY White Paper](#)

[Seed Treatments and Inoculants–MSSOY White Paper](#)

[Pesticide Labels–CDMS](#)

[Take Action Pesticide Resistance Management Website–USB](#)

[Pest Severity Training Tool–CPN](#)

[Biological Pesticides as Part of an IPM Strategy–MSSOY White Paper](#)

[Pesticide Spray Adjuvants–MSSOY White Paper](#)

[FRAC–Fungicide Resistance Action Committee](#)

[IRAC–Insect Resistance Action Committee](#)

[Biopesticides for Crop Disease Management–Crop Protection Network](#)

Insects

[Soybean Yield Loss to Insects in the Midsouthern US–MSSOY White Paper](#)

[Soybean Insect Management Guide–MSSOY White Paper](#)

[Soybean Insect Identification Guide–MSU Extension](#)

[Soybean Insect Pest Management and Thresholds in the Midsouth–PMN webinar](#)

[Redbanded Stink Bug–A Growing Menace to Midsouth Soybeans–MSSOY White Paper](#)

[IRAC MOA Code List–Insecticide Res. Action Committee](#)

Diseases

[Soybean Yield Loss to Diseases in the Midsouthern US–MSSOY White Paper](#)

[Soybean Variety Ratings Against Diseases–All Years–MSU DREC](#)

[Sudden Death Syndrome of Soybean–MSSOY White Paper](#)

[Seedling Diseases–NCSRP](#)

[Guidelines for Managing Soybean Diseases–MSSOY White Paper](#)

[Fungicide Efficacy for Control of Seedling & Foliar Soybean Diseases–NCERA-137/CPN](#)

[Fungicide Resistance Management–MSSOY White Paper](#)

[Soybean Fungicide Resistance Hub–PMN](#)

[Soybean Diseases–ID and Management–Univ. of Ark.](#)

[Foliar Diseases of Soybeans in the South–LSU](#)

[Soybean Disease and Nematode ID Field Guide–UT Extension](#)

[Soybean Disease Management Guide–UTIA](#)

[Asian Soybean Rust–Univ. of Ark.](#)

[Publication Library of Soybean Diseases–Crop Protection Network](#)

[FRAC MOA Code List–Fungicide Res. Action Committee](#)

[CPN–Crop Protection Network–MSSOY White Paper](#)

Nematodes

[Managing Nematode Pests in Midsouth Soybeans–MSSOY White Paper](#)

[Soybean Cyst Nematode–MSU Extension](#)

[SCN: Diagnosis and Management–Univ. of Missouri](#)

[Soybean Cyst Nematode Management Guide–NCSRP](#)

[Sampling Soil for Fertility and Nematodes–MSSOY White Paper](#)

[Using HG Type to Select SCN-Resistant Soybean Varieties–MSSOY White Paper](#)

[SCN Resistance, Corn-Soybean Rotation, and Nematicides–MSSOY White Paper](#)

[Root-Knot Nematode ratings for Selected Soybean Varieties–Univ. of Ark.](#)



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[The SCN Coalition](#)
[IRAC Nematicide MOA Classification List](#)

IRRIGATION

[Pipe Planner Instructional Videos](#) and [Resources](#) from Delta Plastics
[Soybean Irrigation and Water Relations–MSSOY White Paper](#)
[Mississippi Soybean Irrigation Guide–MSPB](#)
[Soybean Water Use and Irrigation Scheduling–MSSOY White Paper](#)
[Managing Water Resources for Irrigation–MSSOY White Paper](#)
[Using Soil Moisture Sensors to Schedule Irrigation–MSSOY White Paper](#)
[Surge Irrigation Information–MSSOY White Paper](#)
[Research Results Prove Worth of Water-Saving Technologies–MSSOY White Paper](#)
[Soil-Plant Water Relations–MSSOY White Paper](#)
[Principles of Water Management for Soybeans–MAFES Bull. 919](#)
[Using PAM to Enhance Irrigation Efficiency–MSSOY White Paper](#)
[Irrigation Water Conservation in a Soybean-Rice Rotation–MSSOY White Paper](#)
[Principles of Efficient Agricultural Irrigation–Irrig. Assoc.](#)
[Watermark Soil Moisture Sensors–Pub. EC783–Univ. of Nebraska Ext.](#)
[Sprinkler Configuration for Overhead Irrigation Systems–MSSOY White Paper](#)
[ET and Crop Coefficients for Midsouth Soybeans–MSSOY White Paper](#)
[Water Use Efficiency of C₃ and C₄ Plants–MSSOY White Paper](#)
[Furrow vs. Flood Irrigation of Soybeans–MSSOY White Paper](#)

SOIL

[Soil Terminology–MSSOY White Paper](#)
[Soil Health–MSSOY White Paper](#)
[Soil Microbes and Soil Biology–MSSOY White Paper](#)
[Soil Health Institute, Morrisville, NC](#)
[Soil-Related Resources–MSSOY White Paper](#)
[Soil Additives and Soil Biology–MSSOY White Paper](#)
[The Soil Microbiome–MSSOY White Paper](#)
[The Crop \[Plant-Soil\] Microbiome–MSSOY White Paper](#)

Fertility

[Soil Testing Guide–MSU-ES](#)
[Liming and Fertilization–MSU-ES](#)
[Soil pH–The Mosaic Company](#)
[Nitrogen–MSU-ES](#)
[Phosphorus–MSU-ES](#)
[Potassium Fertility for Mississippi Soybeans–MSU-ES](#)
[Nutrient Management Data–MSU-ES](#)
[Nutrient Management Guidelines–MSU-ES](#)
[Diagnosing Crop Nutrient Deficiencies–Univ. of Missouri](#)
[Iron Deficiency Chlorosis–MSSOY White Paper](#)
[Manganese Sufficiency/Deficiency in Soybeans–MSSOY White Paper](#)
[Poultry Litter as Fertilizer for Soybeans–MSSOY White Paper](#)
[Nitrogen Fertilizer for Soybeans–MSSOY White Paper](#)
[Sampling Soil for Fertility and Nematodes–MSSOY White Paper](#)
[Soybean Tissue Analysis to Determine Plant Nutrient Status–MSSOY White Paper](#)
[Sufficient Soil and Tissue Nutrient Levels for Soybeans–MSSOY White Paper](#)
[Nutrient Management for Soybean Production–MSSOY White Paper](#)



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[Micronutrient Fertility for Soybeans–MSSOY White Paper](#)
[Biochar for Soil Remediation–MSSOY White Paper](#)
[Foliar Fertilization of Soybeans–MSSOY White Paper](#)
[Sulfur Fertilization for Soybeans–MSSOY White Paper](#)

Tillage

[Tillage for Midsouth Soybean Production–MSSOY White Paper](#)
[Fall Deep Tillage of Clay Soils–2001–MAFES Bulletin](#)
[Deep Tillage of Clay Soils–2002–MAFES Bulletin](#)
[Benefits and Utility of Bedding Systems–PMN Webinar](#)
[Land Leveling and Crop Productivity–MSSOY White Paper](#)
[Soil Tillage Intensity Ratings \(STIR\) for Conservation Cropping Systems–MSSOY White Paper](#)

WEED CONTROL

[Herbicide Labels–CDMS](#)
[International Herbicide-Resistant Weed Database–HRAC](#)
[Weed ID Guide–Univ. of Missouri](#)
[Herbicide Mechanism of Action–MSSOY White Paper](#)
[Herbicide Site of Action and Mode of Action–MSSOY White Paper](#)
[Choosing Premix Herbicides with Multiple Sites of Action Components–MSSOY White Paper](#)
[Residual Herbicides for Soybean Weed Control–MSSOY White Paper](#)
[Row Crop Plant-Back Intervals for Common Herbicides–Univ. of Ark.](#)
[GROW-Getting Rid Of Weeds–MSSOY White Paper](#)
[Varietal Screening for Metribuzin Sensitivity–Univ. of Ark.](#)
[Lactofen Does Not Enhance Soybean Yields–MSSOY White Paper](#)
[Use of Auxin Herbicides as a Weed Management Tool–MSSOY White Paper](#)
[2,4-D- and Dicamba-Tolerant Crops–Purdue Univ.](#)
[Managing 2,4-D and Dicamba in Enlist and Xtend Soybean–USB Take Action](#)
[Auxin Herbicides and Sprayer Cleanout–MSSOY White Paper](#)
[Weed Burndown Prior to Soybean Planting–MSSOY White Paper](#)
[Herbicide Efficacy and Time of Spraying–MSSOY White Paper](#)
[PRE Herbicides Reference Manual–GRDC Australia](#)
[WEEDSMART–Australian Weed Management Resources](#)
[PRE Herbicide Stewardship–ISU](#)
[Herbicide Spray Drift and Spray Nozzles–MSSOY White Paper](#)
[UAEX Weed Management Webpage–Univ. of Arkansas](#)
[Engenia Web-Based Spray Tool–BASF](#)
[Barnyardgrass Management in Soybeans](#)

Harvest Aids

[Using Harvest Aids for Soybeans–MSSOY White Paper](#)

Managing Herbicide-Resistant Weeds

[Management of Italian ryegrass in soybeans–MSSOY White Paper](#)
[Managing Herbicide-Resistant Weeds-General Concepts–MSSOY White Paper](#)
[Managing Soil Weed Seedbank–MSSOY White Paper](#)
[TakeAction Against HR Weeds–USB](#)
[Managing Herbicide-Resistant Weeds–Marestail–MSSOY White Paper](#)
[Managing Herbicide-Resistant Palmer Amaranth–MSSOY White Paper](#)
[Harvest Weed Seed Control–MSSOY White Paper](#)
[Herbicide Classification Chart–USB TakeAction](#)



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ECONOMICS

[On-Farm Soybean Drying and Storage of Soybeans–Univ. of Ark.](#)
[Mississippi State Budget Generator–MSU Ag. Econ.](#)
[Soybean Enterprise Planning Budgets–Midsouth States](#)

SUSTAINABILITY

[Sustainable Soybean Production–MSSOY White Paper](#)
[Loss of Productive U.S. Farmland–MSSOY White Paper](#)
[Carbon Credits and Carbon Programs–MSSOY White Paper](#)
[Whole Farm Conservation Best Practices Manual–Iowa State Univ. & USDA-NRCS](#)
[Managing Crop Residues–MSSOY White Paper](#)
[Decode 6–Carbon & Ecosystem Services–ASA, CSSA, SSSA](#)
[Renewable Diesel from Soybean Oil–MSSOY White Paper](#)
[USB Carbon Toolbox–United Soybean Board](#)
[The Crop \[Plant-Soil\] Microbiome–MSSOY White Paper](#)
[Solar Farms and Contracts–MSSOY White Paper](#)
[Renewable Energy Sources and Agriculture–MSSOY White Paper](#)
[Conservation Farming Systems in the Southeastern U.S.–MSSOY White Paper](#)

MANAGEMENT RESOURCES

[Soybean Scouting Guide–MSPB](#)
[Soybean Development and Growth Stages–MSSOY White Paper](#)
[Temperature Effects on Soybean Emergence and Development–MSSOY White Paper](#)
[Guide to Soybean Growth Stages–MSU-ES](#)
[SOYSTAGE–Predicting Soybean Reproductive Development–Univ. of Ark.](#)
[Miss. Farm Facts–MSU-DAFVM](#)
[Crop Rotation White Paper–MSSOY White Paper](#)
[Factors to Use for Converting Data–MSSOY White Paper](#)
[Sampling to Assess Production Problems–MSSOY White Paper](#)
[Field Guide to Soybean Damage–MSU-ES](#)
[Delayed Senescence in Soybeans–MSSOY White Paper](#)
[Lodging and Shattering in Soybean–MSSOY White Paper](#)
[MSPB's SMART Project Results–MSU-ES](#)
[MSU Crop Situation Blog](#)
[Arkansas Row Crops Blog](#)
[Breeding and Genetics Terminology–MSSOY White Paper](#)
[GEC's vs. GMO's–MSSOY White Paper](#)
[Agricultural Terminology–MSSOY White Paper](#)
[Allelopathy–MSSOY White Paper](#)
[Calibration of Pesticide Application Equipment–MSU-ES](#)
[MSPB Soybean Management Practices Survey Results–MSSOY White Paper](#)
[Midsouth & US Soybean Acres & Yields–MSSOY White Paper](#)
[US Soybean Yield Trends–Irrigated and Nonirrigated–MSSOY White Paper](#)
[Mississippi and US Soybean Yield Trends–MSSOY White Paper](#)
[Storing and Drying Soybeans to Maintain Quality–MSSOY White Paper](#)
[Focus on Soybean Webcasts–GROW: Plant Health Exchange](#)
[Big Data in US Agriculture–MSSOY White Paper](#)
[Use of Precision Ag in US Farming Systems–MSSOY White Paper](#)
[Soybean Research & Information Network–NCSRP](#)
[Blog Articles–Current Production Information/New Products/Research Summaries](#)



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[Soybean—A Versatile Commodity—MSSOY White Paper](#)
[C3 and C4 Plants—MSSOY White Paper](#)
[“Smart” Technology Use in Agriculture—MSSOY White Paper](#)

RESEARCH AND REPORTS

[MSPB-Projects’ Synopses](#)
[MSPB Projects’ Annual/Final Reports](#)
[Theses and Dissertations from MSPB-funded Projects](#)

VIDEOS

[MSPB YouTube Channel](#)

SOYBEAN PRODUCTION/MANAGEMENT [FACT SHEETS](#)

[Soybean Tissue Testing Fact Sheet](#)
[Soil Sampling and Testing for Nematodes Fact Sheet](#)
[Soil Sampling and Testing for Fertility Fact Sheet](#)
[Soybean Seed Treatment Fact Sheet](#)
[Soybean Seeding Rate/Plant Population Fact Sheet](#)
[Soybean Row Spacing Fact Sheet](#)
[Crop Residue Management Fact Sheet](#)
[Poultry Litter as Fertilizer for Soybeans Fact Sheet](#)
[Potassium Fertility for Soybeans Fact Sheet](#)
[Soybean Planting Considerations Fact Sheet](#)
[Phosphorus Fertility for Soybeans Fact Sheet](#)
[Nutrient Sufficiency for Soybeans Fact Sheet](#)
[Nitrogen Fertility for Soybeans Fact Sheet](#)
[Soybean Nematode Management Fact Sheet](#)
[Micronutrient Fertility for Soybeans Fact Sheet](#)
[Soybean Insect Management Fact Sheet](#)
[Iron Deficiency Chlorosis \(IDC\) in Soybeans Fact Sheet](#)
[Harvest Aids for Soybeans Fact Sheet](#)
[Harvest Weed Seed Control in Soybeans Fact Sheet](#)
[Soybean and Wheat Doublecropping Fact Sheet](#)
[Soybean Disease Management Fact Sheet](#)
[Soybeans and Crop Rotation Fact Sheet](#)
[Using Cover Crops in Soybean Production Systems Fact Sheet](#)
[Managing Herbicide-Resistant Weeds Fact Sheet](#)
[Irrigation Efficiency Fact Sheet](#)
[Soil Microbes and Soil Biology Fact Sheet](#)
[Barnyardgrass Management in Soybeans Fact Sheet—USB TakeAction](#)
[Insect Resistance Management Fact Sheet—USB TakeAction](#)
[Palmer Amaranth Management in Soybeans Fact Sheet—USB TakeAction](#)
[Italian Ryegrass Management in Soybeans Fact Sheet—USB Takeaction](#)