

SOUTHERN INDIANA PURDUE AGRICULTURAL CENTER RESEARCH AND DEMONSTRATION PROJECTS 2021

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<https://ag.purdue.edu/arp/pac/Pages/sipac-home.aspx>

Honey Bee Colony Drone Variation

Contact Garrett Slater, Brock Harpur, Entomology-Purdue University

Demonstration and photography of ProClova Herbicide

Contact: Stacie Songer – Corteva Agriscience

Performance of beef calves grazing of Dhurrin Free Sorghum Sudan Grass – SIPAC supplied the calves for the project

Contact Keith Johnson, Mitch Tuinstra, Shelby Gruss – Agronomy – Purdue University

Evaluating the efficacy of different fly tags in beef cattle for Face and Horn fly control

Contact: Ralph Williams, Entomology-Purdue University

Monitoring the Effect of Annual Rye Grass and Festulium on Fragipan Soils

Contact: Lloyd Murdock, University of Kentucky, Princeton Station

Monitoring Three Grazing Systems Utilizing Different Forage Base Under Similar Management and Stocking Rates

Contacts: Keith Johnson, Jason Tower and Nick Minton, Purdue University
Patrick Keyser, University of Tennessee

Evaluation of Hair Sheep Production in Southern Indiana

Contact: Mike Neary, Department of Animal Sciences-Purdue

Evaluation of Meat Goat Production in Southern Indiana

Contact: Mike Neary, Department of Animal Sciences-Purdue

Demonstration of Tilapia production in farm ponds using cages

Contact: Bob Rode, Forestry and Natural Resources - Purdue

Provide Finished Meat Goats for Animal Sciences class ANSC 30100. Animal Growth, Development and Evaluation

Contact: Stacey Zuelly, Department of Animal Sciences – Purdue

Establishment and Evaluation of water tolerant forage species for flood prone pastures

To look at alternative forages to reeds canary grass for flood prone pastures

Contact: Keith Johnson, Agronomy Department, Purdue

National Weather Service Station (NWS)

Purpose: Manual collection of daily weather observations from this site are sent to the NWS via a web-based application known as WxCoder.

Contact: Mike Crow, NWS or SIPAC Staff

Purdue Automated Weather Station

Purpose: to collect weather data that can be accessed real time via the internet.
Contact: Beth Hall - Purdue

Surveying Earworm Populations

To monitor collection of specific pests for southern Indiana
Contacts: John Obermeyer, Entomology-Purdue University

Surveying Corn Rootworm Populations

To monitor collection of specific pests for southern Indiana
Contact: Laura Ingwell, Entomology – Purdue University

**SOUTHERN INDIANA PURDUE AGRICULTURAL CENTER
FORESTRY RESEARCH AND DEMONSTRATION PROJECTS
2021**

Ron Rathfon, Forestry & Natural Resources
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Title: Prescribed grazing using goats for integrated management of non-native invasive vegetation

Location: SIPAC, PFP10, PFP14

Title: Pre-emergent herbicide application for Japanese stiltgrass control

Location: SIPAC, Fields 1b, 4, 7, 12b, 17, Woods F, G

Title: Oak shelterwood with underplanting demonstration

Location: SIPAC, Woods K

Title: Three-dimensional, baited electric fence for excluding deer from oak underplantings

Location: SIPAC, Woods K

Title: Bayer – Testing Aminocyclopyrachlor herbicide for injection and drill-and-fill treatment of hardwood stems.

Location: SIPAC, Woods Q, K

Title: Prescribed fire for invasive species management

Location: SIPAC, Woods E, G, M, Q, PFP8, PFP16

Title: Prescribed fire for oak woodland development and maintenance

Location: SIPAC, PFP1

Title: Blight resistant American chestnut progeny screening trial

Location: SIPAC, Field 11

Title: Prescribed grazing using goats for integrated management of non-native invasive vegetation

Location: SIPAC, Woods D

Title: Oak shelterwood and prescribed fire for regenerating oak demonstration

Location: SIPAC, Woods Q

Title: Growth and yield of upland hardwoods

Location: SIPAC, All tracts

Title: Integrating GPS, GIS mapping with stand level silvicultural prescription

Development in forest management

Location: SIPAC, All tracts

Title: Landscape level non-native invasive species management demonstration

Location: SIPAC, All tracts and fields