SOUTHERN INDIANA PURDUE AGRICULTURAL CENTER
RESEARCH AND DEMONSTRATION PROJECTS
2019

Jason Tower, Superintendent
11371 East Purdue Farm Road
Dubois, IN 47527
812-678-3401
towerj@purdue.edu
https://ag.purdue.edu/arp/pac/Pages/sipac-home.aspx

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

Evaluation of Hair Sheep Production in Southern Indiana
Contacts: Mike Neary, Department of Animal Sciences-Purdue

Understanding Parasite Resistance in Hair Sheep Flocks
To explore the possibility of genetic differences in animals to be tolerant of internal parasites.
Contact: Joan Burke, USDA, ARS Dale Bumpers Small Farms Research Service, Booneville, AR

Evaluation of Non-Prussic Acid Producing Sorghum Sudan Grass
To evaluate animal performance and grazing preference of a BMR non-prussic acid producing sorghum sudangrass.
Contact: Mitch Tuinstra, Shelby Gruss, Keith Johnson, Agronomy Department, Purdue

Evaluation of Meat Goat Production in Southern Indiana
Contacts: Mike Neary, Department of Animal Sciences-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 forges 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:

**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

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**SOUTHERN INDIANA PURDUE AGRICULTURAL CENTER**
**FORESTRY RESEARCH AND DEMONSTRATION PROJECTS**
**2019**

Ron Rathfon, Forestry & Natural Resources  
11371 Purdue Farm Road  
Dubois, IN 47527  
812-678-5049  
ronr@purdue.edu

**Title:** Prescribed fire for invasive species management  
**Location:** SIPAC, Woods E, Woods Q, PFP8, PFP16

**Title:** Prescribed fire for oak woodland development and maintenance  
**Location:** SIPAC, PFP1

**Title:** Bayer – Aminocyclopyrachlor herbicide as foliar spray application for controlling invasive Asian bush honeysuckle.  
**Location:** SIPAC, Woods M

**Title:** Bayer – Aminocyclopyrachlor and aminopyralid herbicide as foliar spray application and application timing for controlling invasive Asian bush honeysuckle, autumn olive, and multiflora rose.  
**Location:** SIPAC, PFP10, PFP11, PFP15, Woods E, Woods G, Woods N

**Title:** Invasive plant control project (IPCP)  
**Location:** SIPAC, Woods M (also replicated at other PAC and FNR properties)

**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: Prescribed grazing using goats and prescribed fire for regenerating oak forests
Location: SIPAC, Woods I, N, P

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