

SOUTHERN INDIANA PURDUE AGRICULTURAL CENTER RESEARCH AND DEMONSTRATION PROJECTS 2015

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

Effect of Sire on Gastro-intestinal Infection in Meat Goats

Contacts: Mike Neary, Department of Animal Sciences-Purdue and Ken Andries, Kentucky State University

Development of an anemia app to assess hemoglobin concentrations in sheep and goats. Contact: Janice Kritchevsky, Veterinary Medicine – Purdue University

Breeding Blight Resistance into American Chestnut Trees

Contact: Jim McKenna, USDA-Forest Service (Hardwood Tree Improvement & Regeneration Center at Purdue University). Partners include: Department of Forestry & Natural Resources-Purdue University, Indiana State Chapter of the American Chestnut Foundation, and the Indiana Department of Natural Resources, Division of Forestry

Modeling Behavioral Response of Bat Maternity Colonies to Landscape-level Forest Management Practices

Contact: Laura D'Acunto, Department of Forestry & Natural Resources-Purdue University

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

Water Movement Through and Over the Soil Profile at SIPAC

Contact: Dr. Phillip Owens, Department of Agronomy-Purdue University

Cage Culture of Tilapia in Existing Farm Ponds, For Fun, Profit or Both

Contact: Bob Rode, Department of Forestry & Natural Resources-Purdue University

Surveying Armyworm Populations

To monitor collection of specific pests for Southern Indiana

Contacts: John Obermeyer

Surveying Corn Earworm Populations

To monitor collection of specific pests for Southern Indiana

Contacts: John Obermeyer

Forestry & Natural Resources - Research & Demonstration Projects

Herbicide and Application Timing for Controlling Invasive Asian Bush Honeysuckle and Autumn Olive Using the Cut Stump Method

Location: SIPAC - Woods E, PFP8

Invasive Plant Control Project (IPCP)

Location: SIPAC, Woods M (also replicated at other Purdue Agricultural Centers and Forestry & Natural Resources properties)

Prescribed Grazing Using Goats for Integrated Management of Non-native Invasive Vegetation

Location: SIPAC, Woods D

Prescribed Grazing Using Goats and Prescribed Fire for Regenerating Oak Forests

Location: SIPAC, Woods I, N, P

Growth and Yield of Upland Hardwoods

Location: SIPAC, All tracts

Integrating GPS-GIS Mapping with Stand Level Silvicultural Prescription Development in Forest Management

Location: SIPAC, All tracts

Landscape Level Non-native Invasive Species Management Demonstration

Location: SIPAC, All tracts and fields

Herbicide and Application Timing for Controlling Invasive Asian Bush Honeysuckle, Autumn Olive, Multiflora Rose, and Japanese Honeysuckle Using Foliar Spray With Five Herbicides Applied at Varying Rates

Location: SIPAC – PFP14 and PFP16

Hardwood Plantation and Young Natural Stand Management Demonstration

Location: SIPAC, Woods E, F, I, and PFP1

Overall Contact: Ron Rathfon, Regional Extension Forester at SIPAC – Department of Forestry & Natural Resources-Purdue University