

FELDUN-PURDUE AGRICULTURAL CENTER RESEARCH AND DEMONSTRATION PROJECTS 2018

Brad Shelton, Superintendent
1117 State Road 458
Bedford, IN 47421
812-279-8554
sheltonb@purdue.edu
<http://www.ag.purdue.edu/arge/pac/Pages/fpac-home.aspx>

Indiana Beef Evaluation Program (IBEP)

Purpose: Provide a common environment for growing young bulls from cooperators in Indiana as well as surrounding states. To provide a source of superior, performance tested bulls to commercial cattlemen intent on improving their herds.
Contact: Terry Stewart or Nick Minton, Department of Animal Sciences

Forest Inventory Studies

Purpose: Provides location for woodland research activity across the 234 acres of forest at the Feldun-Purdue Agricultural Center. Current effort includes forest inventory. Feldun-PAC possesses mature woods with a long data base history dating back to the early 1950's.
Contact: Don Carlson, Department of Forestry & Natural Resources

Effect of Bovine Leukosis Virus on Beef Cow Longevity

Purpose: Determine the impact of BLV on beef cattle health and productivity and evaluate management strategies to decrease transmission.
Contact: Dan Grooms, DVM – Michigan State University

Evaluation of Prostaglandin Analogs in the 5-day Co-Synch plus CIDR Timed-AI Protocol in Beef Cattle

Purpose: Evaluate the efficacy of administering two different versions of prostaglandin simultaneously when CIDRs are removed in the 5-day Co-Synch + CIDR protocol used by the beef industry to synchronize ovulation in a fixed-time artificial insemination program.
Contact: Kara Stewart, Department of Animal Sciences

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. Data has been recorded at Feldun since 1893.
Contact: Brad Herold, National Weather Service

U.S. Surface Climate Reference Network (USCRN)

Purpose: Provide a continuous series of climate observations for monitoring trends in the nation's climate and for supporting climate-impact research
Contact: National Centers for Environmental Information.

Insect Pest Monitoring Network

Purpose: Monitor insect pests of corn, soybean, wheat, and pastures.
Contact: John Obermeyer, Department of Entomology