PURDUE EXTENSION

INDIANA'S EDUCATIONAL PARTNER FOR LIFE

PURDUE EXTENSION: BUILDING A SUSTAINABLE FUTURE FOR INDIANA

DELIVERING PRACTICAL CLIMATE-SMART APPLICATIONS TO INDIANA FARMERS, RANCHERS AND LANDOWNERS.

CREATING WEATHER-READY FARMS

- 30,000 Indiana residents received cover crop education from Purdue Extension.
- Purdue Extension provided over 7,000 (7,187) Pesticide Applicator Recertification Program (PARP) credits during the biennial budget. PARP credits are needed to obtain and keep certifications and licenses current. These credits promote prudent use of pesticides and fertilizers with an emphasis on the protection of land, water, and personal and employee safety.
    - PARP credits were offered over 280 times to meet producer needs.
- Purdue Extension executes applied research that translates into practical applications for farmers. This research is highlighted annually during numerous field days where commercial farmers, agribusiness partners and landowners are invited to join in-person and virtual field days to network and learn about the latest research in climate, soil, crops, forestry, vegetables, small farms, fishery, livestock and more!

EXPANDING CLIMATE EXPERTISE

- Purdue Extension educators throughout Indiana are members of the North Central Climate Collaborative (NC3). The group develops climate change expertise in Extension personnel to enhance the delivery of educational programs to those in agriculture and the community.
- NC3 webinars and conferences are open to local government officials, state and federal agencies and Extension professionals across the region.
    - Surveyed attendees reported:
        - 510 participants gained or increased knowledge skills and/or attitudes about sustainable agriculture topics, practices strategies and approaches
        - 442 agriculture professionals intended to use the knowledge, attitudes, skills and/or awareness learned
        - 72% felt more comfortable doing climate-related education or programming
        - 93% planned to take action to change behavior as a result of the series
- Read more: https://puext.in/3zcMoZ4

DELIVERING INSECT MANAGEMENT FOR LANDOWNERS AND BUSINESSES

- Managed turfgrass covers more than 20 million hectares of U.S. land and generates more than $40 billion in annual economic activity, making it one of the fastest-growing agriculture segments. Purdue Extension's Turfgrass Integrated Pest Management (IPM) integrates applied research and extension on biology, ecology and management of insects in turfgrass environments.
- Turfgrass IPM serves a large and varied group of Indiana stakeholders, including leadership and staff for 550 golf courses, 600 professional lawn care businesses, 20 sod producers, hundreds of athletic fields (university, high school, and municipal), grounds managers for schools, parks, cemeteries, and hospitals, professional and semi-professional sports teams, product manufacturers, and distributors.
- 850 individuals completed the completed Commercial Applicator Category 3b Turf Management continuing certification hours from 2021 to 2022?? Digital Extension materials were accessed by over 19,000 individuals and the TurfDoctor mobile app was downloaded to 530 new devices.

CONNECTING SUSTAINABILITY AND COMMUNITY PLANNING

- Indiana communities face complex decisions related to land use planning, particularly for renewable energy. As the only state in the U.S. where Extension Educators may be required by legislative mandate to serve on Area and Advisory Plan Commissions, Purdue Extension is uniquely positioned to support programs that address current and emerging land use issues.
- Purdue Extension's Land Use Team and Indiana Land Resources Council collaborate to offer the Indiana Land Use Summit every two years. This event is open to government officials, citizen planners, and residents and explores how agriculture and natural resources planning initiatives fit into broader land use objectives in local communities.
    - Most attendees (90%) reported they were somewhat to extremely likely to use information from the summit for future planning efforts.
- With the support from Hoosiers for Renewables and Indiana Farm Bureau, Purdue Extension completed a comprehensive study in 2022 to examine land use policies and strategies Indiana communities have adopted to plan renewable energy.
    - Land-use study findings were shared in the Indiana Renewable Energy Community Planning Survey and Ordinance Inventory Summary, reporting about land-use regulations for wind and solar energy, and providing snapshots of renewable energy land use regulations in each county.
    - Read the full report: https://puext.in/LandUse

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