

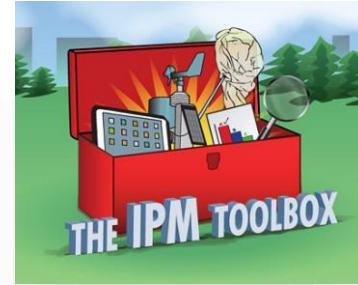
Building the Backbone of IPM: PMSPs, Crop Profiles, and the National IPM Database

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United States
Department of
Agriculture

National Institute
of Food and
Agriculture



Northeastern
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Center

February 13, 2025

Webinar Details



Live Transcription



A recording of this webinar will be available within a week



<http://www.neipmc.org/go/ipmtoolbox>

We Welcome Your Questions

Please submit a question at any time using the Q&A feature to your right at any time

If you'd like to ask a question anonymously, please indicate that at the beginning of your query.

Webinar Presenter

Lacey Belanger

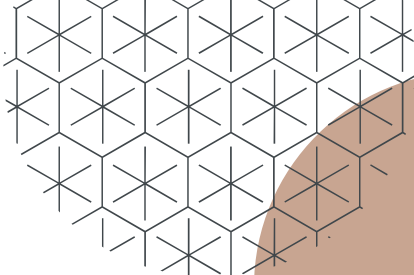
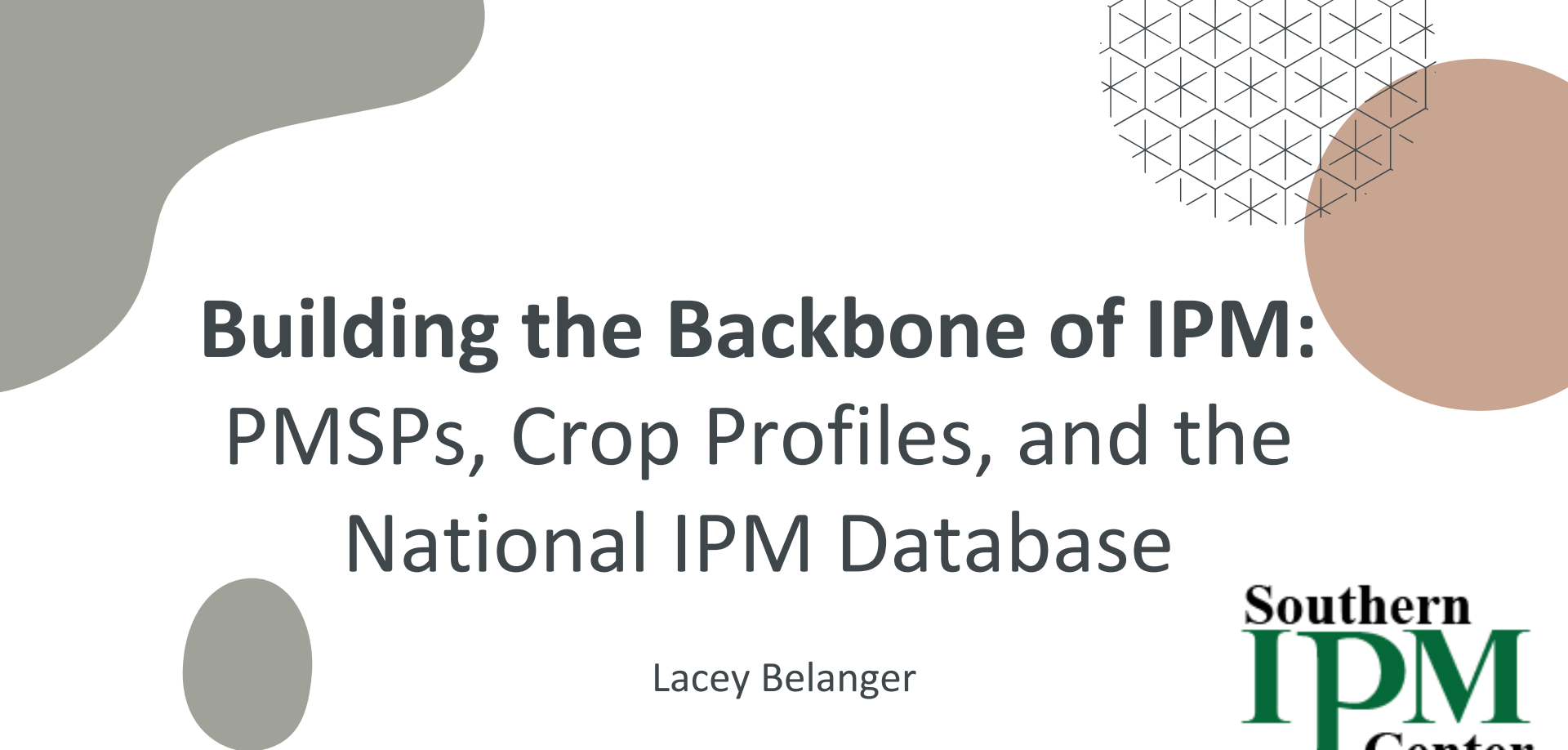
Research Assistant

Southern IPM Center



Some Questions for You





Building the Backbone of IPM: PMSPs, Crop Profiles, and the National IPM Database

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Project Leads: Kater Hake, Lorena Lopez, Lynnae Jess, and Hannah Penn

Crop (PMP) Profiles vs PMSPs

- Crops or Management System
- Summary*
- Background*
- Worker Activities*
- Production Facts*
- Production Counties*
- Production Practices*
- Pests*
- Controls*
 - Biological
 - Cultural
 - Physical
 - Chemical

- **Priorities****
- **IPM Practices***
- **Pollinator Protection**
- **Climate Impacts**
- **Environmental Mitigation**
- **Beneficials**
- **Ecotoxicity**
- **Efficacy***
- **Resistance Management**
- **Timelines****
 - **Production Practices**
 - **Pest Occurrence**
 - **Crop Growth Stages**
 - **Chemical Controls**
 - **Worker Activities**

* Elements of the document that are essential for achieving the best possible outcome

**Elements completed during the workshop

The National IPM Database

The screenshot shows the IPMdata website search interface. At the top is a dark navigation bar with the IPMdata logo and menu items: Home, Documents, Reports, Resources, Templates, API, IPM Centers, Contact Us, Login, and Search. The main content area is white and contains several search filters:

- Title:** A text input field.
- Keyword (PDF documents only):** A text input field with a help icon. Below it, search options are listed: "Search options: a plus sign + before the word to add multiple words; a minus - sign before the word to remove the word; an asterisk symbol * as a wildcard; quotation marks ** around a string of words; OR for either word(s). Example: +Word1 +Word2 -Word3 +W*rd4 +*Word5 Word6 Word7* Word8 OR Word9".
- Document Source Type(s):** A list of checkboxes: Crop Profile, Element, Pest Management Strategic Plan, Pest-centric Management Strategic Plan, Priority, and Timeline.
- Region(s):** A list of checkboxes: National, North Central, Northeastern, Southern, and Western.
- State(s):** A text input field.
- Crop(s)/Commodity(ies):** A text input field.
- Active Ingredient(s) by Name, PC Code, or CAS Number:** A text input field with a help icon.
- Product(s)/Brand Name(s):** A text input field with a help icon.
- Pest(s) by Scientific Name or Common Name:** A text input field with a help icon.
- Year:** Two dropdown menus for selecting a range.
- Document Version:** A dropdown menu currently set to "All".

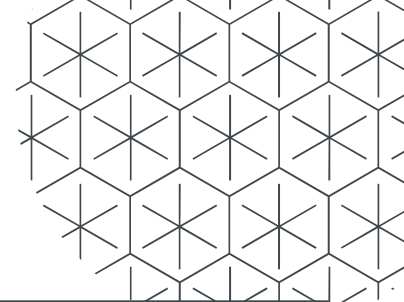
A "Search" button is located at the bottom center of the search area. The footer contains the Southern IPM Center logo and address, the USDA logo and name, and a funding acknowledgment: "Funding for this project is provided by the USDA NIFA Crop Protection and Management Regional Coordination Program (Agreement No. 2018-70006-28884)".

<https://ipmdata.ipmcenters.org/>

What is a PMSP, and why is it Important?

- Pest Management Strategic Plans (PMSPs) are documents designed to address the pest challenges for a specific crop/commodity.
- Highlights the grower priorities for Research, Education, & Regulatory support.
- Regulatory agencies use these documents as a tool to make regulatory decisions for the industry.
- Can be used to apply for grants, outline current industry regulatory compliance efforts, and identify successes & gaps of pest management within the industry.

The Process



- 1. Assemble a group of stakeholders to draft a document with key background information, current pests and pest management data.**
- 1. Organize a stakeholder meeting that is highly grower attended to identify control efficacy and determine industry priorities in detail (typically a entire day meeting).**
- 1. Compile the information with the draft document and review.**
- 1. Publish!**

Project Lead(s)

- A project lead organizes and is responsible for checklist items and deadlines.
- Would write/help write/or organize a team to write the background information
- Helps to coordinate the workshop meeting with growers, other stakeholders, and regulatory agents
- Is responsible for the final draft of the document

Ideally the project lead or leads would also have great grower connections to help encourage them to attend and participate in the workshop.

A project lead can be anyone who is passionate about their respective industry!

Questions?

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Guests

Lynnae Jess, North Central IPM Center, Co-Director and Working Group Liaison

Kater Hake- Project Lead for Southern IPM Center Cotton Documents

- PMSP Cotton High and Rolling Plains (TX, OK, KS) 2024
- PMSP Cotton Delta Region (AR, MS, LA, TN, MO) 2025

Lorena Lopez- Project Lead for Southern IPM Center Strawberry Document

- PMSP Strawberry (NC, VA, SC, GA, FL) 2024

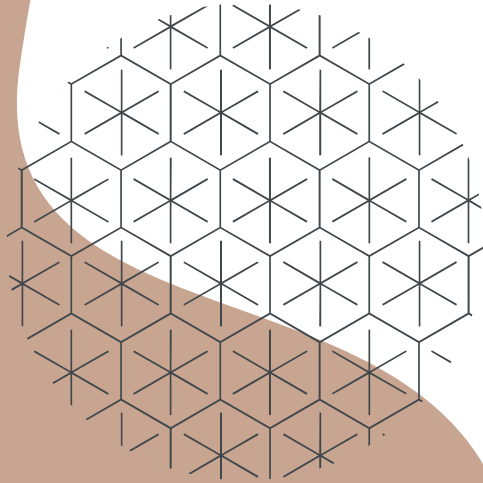
Hannah Penn- Project Lead for Southern IPM Center Sugarcane Document

- PMSP Sugarcane 2025

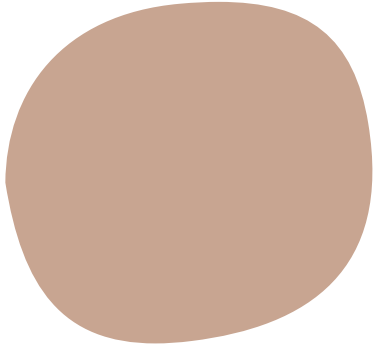
Frequently Asked Questions

- How do you go about writing such a long document in one day?
- How do I organize the different stakeholders for the document?
- What can these documents be used for?

Common Concerns



- XXX told me this process when they did it was a large endeavor, I am finding it daunting to be responsible for that amount of work
- Sharing information that might encroach on trade secrets seems like a no-go for stakeholders
- Sharing pest management practices with regulators might turn off some from participating



Thanks!

Contact:

Lacey Belanger

IPM Data Program Coordinator

lnbelang@ncsu.edu



For additional information you can visit:

ipmdata.ipmcenters.org



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Upcoming Webinars

<https://www.northeastipm.org/ipm-in-action/the-ipm-toolbox/>

Risk Forecasting and Evaluation Using the NEWA Platform and AgRadar Platforms

February 18, 2025, 11:00am

Presenters: Dan Olmstead and Glen Koehler

Exploring Alternatives to Neonicotinoid Seed Treatments: Case Studies in Vegetable Crops

April 3, 2025, 2:00pm

Presenter: Leo Salgado



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Recording of IPM Toolbox Webinar Series



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Funding Acknowledgment

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This presentation was funded by the Northeastern IPM Center through Grant #2022-70006-38004, Accession Number: 1017389 from the USDA National Institute of Food and Agriculture, Crop Protection and Pest Management, Regional Coordination Program.