



Integrated Solutions Platform

THE INTEGRATED SOLUTIONS PLATFORM (IS) explores potential new pest management strategies for organic and conventional specialty crop growers through a systems-based approach—combining traditional tools with emerging technologies. This research helps growers manage increasingly complex pest challenges in alignment with the principles of Integrated Pest Management (IPM).

GOALS AND OBJECTIVES



- 1. Filling complex gaps in pest management programs:** Many pest problems don't have a simple fix, and growers continue to lose yields to persistent (or new) pest issues. IS aims to fill gaps in growers' toolboxes by screening a variety of possible tools to see what works—emphasizing novel products, new technologies, and IPM-aligned strategies.
- 2. Finding solutions to address pest resistance:** As pests develop resistance to existing products, new tools are needed to help growers operate successfully. IS screens strategies that introduce new modes of action or combine a variety of tools to disrupt and prevent resistance issues.
- 3. Reducing pesticide residues in produce:** Consumer demand for lower-residue produce is rising globally. IS explores pest management strategies that help growers meet market demands for produce with lower pesticide residues and keep target pests in check.

PLATFORM DELIVERABLES

➤ **Generating data** to support new products & new use registrations.

➤ **Providing public access to research findings** through the database & published outcomes.

➤ **Engaging stakeholders through outreach** to raise awareness and invite collaboration.

ELIGIBLE TECHNOLOGIES (*not an exhaustive list of tools)

TOOL TYPE	EXAMPLES	PURPOSE/FUNCTION
PRIMARY TOOLS*	Conventional pesticides Biopesticides FIFRA-exempt (25b) products Plant growth regulators Biotechnologies Emerging technologies Application devices	Primary tools are tools with direct pest control activity . These are the core components being evaluated in IS studies.
COMPLEMENTARY TOOLS*	Adjuvants Biostimulants Biocontrols Resistant cultivars Mechanical tools Cultural practices	Tools or practices that enhance the efficacy of or reduce reliance on primary tools . Must contribute to improved pest management.