

## National IPM Evaluation Program<sup>1</sup>

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The cohesive coordination and collaboration of IPM on a national level requires the support of a national IPM evaluation program to accurately reflect national impact. How to collect data, what data to collect, where to store the data and who would have access to the data, as well as how the data is used would all need to be coordinated at a national level. Regional evaluation programs have been instrumental at assessing regional IPM impacts. These regional impacts provide valuable insights, however, are currently incapable of accurately representing a cohesive national level impact. The following steps outline the initial development of a national IPM evaluation program.

### 1. Instrument Collaboration

- a. Improve availability and use of collaborative evaluation instruments (questionnaires, polls, and other quantitative data collection tools).
- b. Continued development and implementation of Common Measures across the CPPM Programs (EIP, ARDP, and RCP) using REEport and/or the new Grant Management System (GMS).
- c. Development of tools to quantify the adoption of IPM and related impacts on improved crop productivity and reduced risk.

### 2. Data Coordination

- a. Aggregate available NASS pest management and chemical use data, evaluate survey methodology, and identify survey improvements. Access to publicly undisclosed NASS data costs **approximately \$2,000 - \$3,000 annually per user**. In addition, the initial project set up costs **approximately \$600/person**.
- b. Aggregate national data from IPM Extension and Research activities (NEERA2104, SERA03, NCERA222, and WERA1017) using a new standardized reporting tool (currently targeted to launch at the 2025 International IPM Symposium).
- c. Aggregate national reporting data from the Regional IPM Centers Grant Management System.

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### 3. Impact Quantification and Reporting

- a. Develop measures to quantify the correlation between improved IPM collaboration and increased IPM adoption.
- b. Create national data visualizations, impact statements, and templates.
- c. Create dashboards on Regional IPM Centers websites and the GMS website to display real time national data.

Evaluation metrics: Evaluation tools available, aggregate data being collected/participation, impact reports and reporting outlets