

NORTH CENTRAL REGION | IR-4 Project



Image Credit: Michigan State University

The IR-4 Project has a 60-year track record of impact facilitating pest management solutions for specialty crops and specialty uses. According to a 2022 economic analysis, IR-4 contributes an estimated **\$8.97 billion** to the annual U.S. gross domestic product. **Seven jobs can be attributed to every \$1000** of public investment in IR-4.

By facilitating EPA registration of safe, effective pest management products and technologies, IR-4 helps specialty crop growers access the tools they need to produce healthy, abundant harvests—including fruits, vegetables, nuts, herbs and horticulture crops.

IR-4's federally-funded research evaluates various pest management strategies—including reduced-risk chemical products, bio-based pesticides, emerging technologies, and integrated solutions to serve both conventional and organic production systems.

IR-4's North Central Region (NCR), based at Michigan State University, is one of four regional offices. With its temperate climate, ample water resources, well-established processing facilities, and proximity to major markets, this region excels in the diversity of specialty crops produced.

The NCR team works collaboratively with stakeholders to identify and prioritize pest issues, and secure tools to help midwestern agriculture thrive.

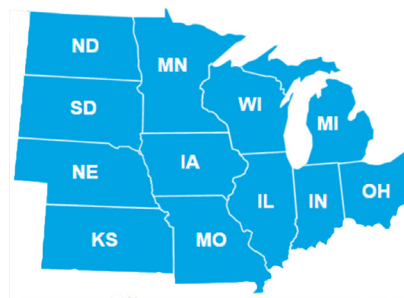


Image Credit: Michigan State University

Have a pest problem (or solution) in mind? Anyone may submit a Project Request to IR-4. Projects are prioritized by stakeholders through a participatory, national research cycle that begins in the regions. The NCR team can help you submit a Project Request (see reverse for contact information).

The IR-4 North Central Region Includes:

North Dakota, South Dakota, Nebraska, Minnesota, Iowa, Kansas, Missouri, Wisconsin, Illinois, Michigan, Indiana, and Ohio

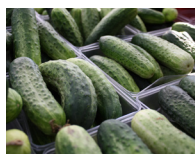


Key Crops of the North Central Region:

Apples, asparagus, beans, beets, blueberries, celery, tart cherries, cranberries, pickling cucumbers, ginseng, hemp, hops, mint, onions, peas, potatoes, ornamentals and more

North Central Region Highlights

The NCR team has secured strategies for many pressing regional pest issues, including:



Downy mildew on cucumbers

Image Credit: Michigan State University



Spotted wing drosophila on fruit crops

Image Credit: NC State University



Botrytis on greenhouse ornamentals

Image Credit: Michigan State University



Rusty root on ginseng

Image Credit: NC State University

**Click on the images above to learn more about each IR-4 success!*

Have a pest management problem (or solution) in mind?

Connect with the NCR team to get involved, submit a Project Request, or seek assistance:

Michigan State University
Plant and Soil Sciences Building, Room A448
1066 Bogue St.
East Lansing, MI 48824

Regional Field Coordinator
Nicole Soldan
(517) 353-0416
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Scan to visit the IR-4 North Central Region website.

To learn more, check out ir4project.org.



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