IR-4 Project Research Report Form

Researcher and Affiliation:
Project Title:
Project No.:
Protocol No. (EH only):
Date:

Narrative summary

Please keep the text to half page if possible. Include summary of trial results.
For Environmental Horticulture (EH) only: Results for multiple PRnumbers can be summarized together, but please list all PRNumbers in the header and in the summary data table.

Results

*Please insert results **table or graph** and statistical analysis (separation of treatment means, p value, etc) here.*

- *For Efficacy: Include trial outcomes as original rating (and as a percentage difference relative to the untreated control). Report these values for each individual evaluation time point, as well as the average across the entire trial duration (where applicable).*
- *For Crop Safety: Include trial outcomes by rating time point and as an overall average. Report data even when no phytotoxicity is present (provide zeros).*

Materials & Methods

Location & Use site
Location of trial (city/state):
Facility where the trial was conducted:

- Research station
- Commercial field

Commercial field or research station name (upon permission of facility manager):
Use Site (field/greenhouse/shadehouse/field container/etc):

Pest / Plant growth issue (if working with a PGR)
Targeted pest(s): Common and scientific name
Plant growth issue (if applicable):
Relying on (please select below):

- Natural infestation/infection
- Artificial pest infestation/inoculum*
- Other (Please specify)

*If relying on artificial pest infestation/inoculum, describe source and lifestage:

Crop
Add appropriate information below:
Crop cultivar/variety:
Date of seeding:
Date of planting:
Date of emergence:
Pot size:
Age of crop (if perennial):
Crop condition (describe anything unusual about the crop)
Irrigation type (overhead, drip, etc.):
Potting mix or soil type:
Describe any other site or crop factors meaningful to the trial:

Maintenance pesticides and fertilizers utilized during the trial other than the test treatments

Product trade name	EPA Reg. No.	Rate	GPA	Application Method	Adjuvant (Product & Rate)	Date of Application	Crop Growth Stage

Add or delete rows as needed.

Experimental Design
Type of experimental design:
No. of replicates (plots/pots) per treatment:
Plot dimensions:
No. of experimental units per replicate:
Plot buffers/pot spacing:
Number of experimental samples evaluated per replicate (or sub-replicate):

Data collection

Describe data collection/sampling/processing methodology, scoring/rating systems, dates when efficacy and/or phytotoxicity data were collected, and anything else that is relevant to this section.

Treatment Application

Application equipment, (e.g. backpack sprayer) :

Number of nozzles and nozzle type:

List of treatments & application methods *(can be copied from the original research protocol unless changes have been made)*:

Trt. No.	Product trade name	EPA Reg. #	A.I.	Registrant	Rate	GPA	Application Method	Adjuvant (Product & Rate)	Date of Application	Crop Growth Stage
1	Untreated									
2	Commercial registered Standard									
3	Test product 1									

Add more rows as needed.

Photos

Please embed photos here.

Deviations or amendments from protocol

Describe any deviations or amendments from protocol, if any, and reason for the change.

Environmental conditions during the experiment

Describe conditions and any anomaly encountered during the study. Include a statement about any significant weather or environmental events during the course of the experiment. For Greenhouse trials, please provide temperature, humidity and photoperiod conditions.

Raw data

Insert raw data below or send separate file(s) containing raw data.

- *Efficacy data*
- *Phytotoxicity data*
- *Temperature, precipitation and/or irrigation, and relative humidity with a minimum of high, low and average daily temperatures*

USDA-NIFA FUNDING ACKNOWLEDGEMENT:

IR-4 encourages researchers to publish the results obtained from this study, except data obtained from the screening of confidential pest control technologies. Any publication is required to acknowledge IR-4's financial and intellectual contributions. Additionally, as IR-4 is federally funded, this support should be acknowledged in accordance with 2 CFR Part 415. Sub-grantees must use the following acknowledgment for all competitive or capacity grants or initiatives supported by NIFA.

This statement should be used in scientific publications, presentations, posters and related material:

"This work is supported by project award no. 2025-79111-45234, from the U.S. Department of Agriculture's National Institute of Food and Agriculture, with substantial cooperation and support from agInnovation (NRSP-4), USDA-ARS and USDA-FAS. Any opinions, findings, conclusions, or recommendations expressed in this publication are those of the author(s) and should not be construed to represent any official USDA or U.S. Government determination or policy. In accordance with Federal Law and U.S. Department of Agriculture policy, this institution is prohibited from discriminating on the basis of race, color, national origin, sex, age or disability."