

IR-4 Update

AAPCO Conference
February 9, 2021

Nancy Fitz, Minor Use Team Leader
U.S. EPA Office of Pesticide Programs (OPP)



Factors for IR-4 Public Interest Finding

An application will be presumed to be in the public interest if it is for a **biopesticide** or if the **following criteria** are met:

- 1) The data submitted have been developed by IR-4;
- 2) The active ingredient is already registered for use on a food commodity;
- 3) The active ingredient/crop combination has been pre-screened by EPA prior to the Food Use Workshop and EPA has discussed risk concerns that might hinder registration or the establishment of a tolerance with IR-4 [“stoplight analysis”]; and
- 4) The use is for a minor crop, specialty crop, etc.

<https://www.epa.gov/pria-fees/factors-ir-4-public-interest-finding>



Minor Use Team Completions – FY20

- EPA completed work on 25 IR-4 petitions in FY 2020, registering 125 minor uses requested by Interregional Research Project #4 (IR-4).
 - Includes new tolerances and crop group expansions
- EPA completed 46 crop group conversions requested by IR-4 in 2020.
- Includes 10 workshare projects and 5 joint reviews with Canada and two workshares with California



Crop Groups – What are they?

- Crop groups allow regulators to establish tolerances for multiple commodities based on data from representative commodities
- Crop groups preclude the need to develop residue data for every food or feed crop for every pesticide
- Many benefits to growers, regulators, IR-4, Pest Management Centre (PMC) and registrants



Crop Group Updates

Crop Grouping Phase V final rule was published November 6, 2020.

Previous Crop Group: § 180.41(c)(28)	New Crop Groups: § 180.41(c)(34) & (35)
Crop Group 19: Herbs and Spices Group <ul style="list-style-type: none">• 68 commodities• Rep crops: basil (fresh & dried); black pepper; chive; celery seed or dill seed	No equivalent
Herb Subgroup 19A <ul style="list-style-type: none">• 36 commodities• Rep crops: basil (fresh & dried); chive	Crop Group 25: Herb Group <ul style="list-style-type: none">• 418 commodities• Rep crops: basil, dried leaves; basil, fresh leaves; mint, dried leaves; mint, fresh leaves
Spice Subgroup 19B <ul style="list-style-type: none">• 32 commodities• Rep crops: black pepper; celery seed or dill seed	Crop Group 26: Spice Group <ul style="list-style-type: none">• 209 commodities• Rep crops: Dill seed or celery seed



Hemp Data Requirement Collaborations

- EPA is collaborating with industry and the Interregional Research Project #4 (IR-4) to identify and generate data needed to support pesticide registrations.
- This work will help ensure EPA risk assessment and tolerance regulations can be developed as necessary for new hemp registration requests



Hemp Registrations

- EPA has committed to a timely review of any pesticide registration action for use on hemp.
- Since December 2019, EPA approved adding hemp to the use sites of at least 57 pesticides.
 - Nearly all are biopesticide products.
- As EPA receives additional applications to amend product labels to add use on hemp, the agency will process those applications on an ongoing basis.
- <https://www.epa.gov/pesticide-registration/pesticide-products-registered-use-hemp>



Considerations for Pesticide Registrations for Use on Hemp

- Data Requirements/Translation of Data
 - Crop Field Trials
 - Processing Studies
 - Data Translation/Bridging
 - Dislodgeable Foliar Residue Studies for Occupational Assessment
- Human Health Risk Assessment
 - Occupational Exposure – handler and post-application workers
 - Dietary Exposure
 - Other Exposures



Questions?

Nancy Fitz

fitz.nancy@epa.gov

703-305-7385