



Update on EPA's Pesticide Program Activities

20th Annual Pesticide Stewardship Conference
February 4-6, 2020

Office of Pesticide Programs - Hemp
Ed Messina
Deputy Office Director (Programs)

Hemp and the 2018 Farm Bill-Enacted

- Removes hemp from Schedule I of the controlled Substances Act; no longer a controlled substance.
- Phases out the 2014 Farm Bill industrial hemp pilot
- Amends the Agricultural Marketing Act of 1946 to allow for regulation of hemp
- Contains provisions to ensure the free flow of hemp in interstate commerce

EPA Hemp Definition

- Hemp is the plant *Cannabis sativa* L. and any part of that plant, including:
 - the seeds thereof and all derivatives, extracts, cannabinoids, isomers, acids, salts, and salts of isomers, whether growing or not, with a delta-9 tetrahydrocannabinol (THC) concentration of not more than 0.3 percent on a dry weight basis.
- Marijuana has THC >0.3 and remains federally illegal

EPA FDA – Regulatory Authority

- FDA held a public hearing in May to seek information to inform how it should regulate cannabis-derived products.
- Sought scientific literature and data on issues such as:
 - Appropriate dosing levels
 - Drug interactions
 - Impacts to special populations
 - Risks of long-term exposure
- Comment period closed July 2, 2019

EPA Hemp Pesticides

- There are no pesticides federally registered by EPA specifically for use on cannabis or marijuana.
- Some pesticide labels do list industrial hemp among listed crops.
- Currently, there are no tolerances established for hemp.
- EPA will use “hemp” on pesticide labels.

EPA Hemp Section 24(c) Request

- The Agency is willing to work with states on requests submitted under FIFRA section 24(c), which permits states to register an additional use of a pesticide that is already registered for another use as a Special Local Need registration if certain conditions are met.
- On July 11, 2019, the Kentucky Department of Agriculture submitted a registration action under FIFRA section 24(c) for the use of the product Heligen on industrial hemp throughout Kentucky to control corn earworm.
- On September 25, 2019, EPA confirmed review of the submitted materials and determined that the Special Local Needs registration is acceptable.

EPA Hemp Registrations

- EPA committed to a timely review of any pesticide registration action for use on hemp.
- By July 2019, EPA had received 10 applications under FIFRA and sought comment via Federal Register notice of receipts.
- In December 2019, EPA approved adding hemp to the use sites of 10 pesticides. Nine of the products are biopesticides, and one is a conventional pesticide.
- 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>

EPA Hemp Data Requirements

- EPA is collaborating with industry and the Interregional Research Project #4 (IR-4) to identify and generate data needed to support pesticide registrations.
- EPA and IR-4 are also in active discussions on data generation to support establishing tolerances, which are required for hemp used for food.



Thank You!