

CANNABIS & PESTICIDES R9 SUMMER RTOC, AUG 2020

EPA R9 PESTICIDE OFFICE



2018 FARM BILL

- The Agriculture Improvement Act of 2018, Pub. L. 115-334, (the 2018 Farm Bill) was signed into law on Dec. 20, 2018.
- This new law changes certain federal authorities relating to the production and marketing of hemp.
- The 2018 Farm Bill preserved FDA's authority to regulate products containing cannabis or cannabis-derived compounds under the FD&C Act and section 351 of the Public Health Service Act (PHS Act).



HEMP LEGALIZED, BUT WITH RESTRICTIONS...

- I. Hemp cannot contain more than 0.3 percent THC, per section 10113 of the Farm Bill.
- II. There will be significant, shared state-federal regulatory power over hemp cultivation and production.
- III. The law outlines actions that are considered violations of federal hemp law (including such activities as cultivating without a license or producing cannabis with more than 0.3 percent THC).



WHAT IS THE DIFFERENCE?

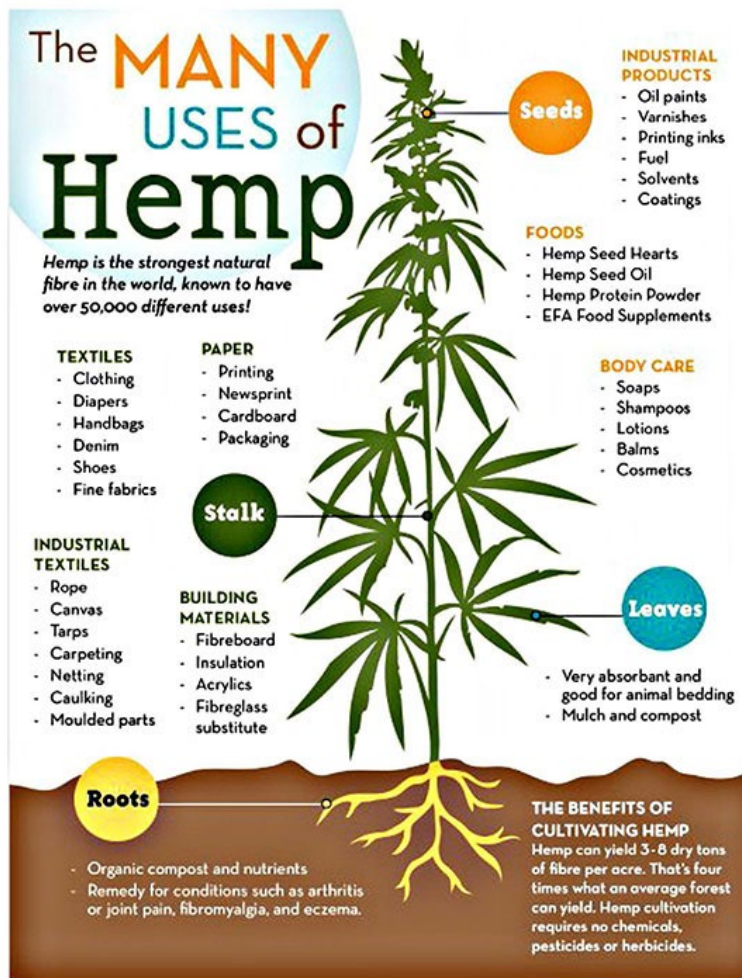
HEMP AND MARIJUANA EXPLAINED

Hemp:

- “*Hemp*” is a term used to classify varieties of Cannabis that contain 0.3% or less THC content (by dry weight).
- While the legal definition described above had not been legitimized until the Agricultural Act of 2018 had passed, “hemp” has generally been used to describe non-intoxicating Cannabis that is harvested for the industrial use of its derived products.

Marijuana:

- “*Marijuana*” is a term used to classify varieties of Cannabis that contain more than 0.3% THC (by dry weight) and can induce psychotropic or euphoric effects on the user.
- Medically and Recreationally legal in some States



Source: Canada Hemp Foods

EPA APPROVED PESTICIDES FOR HEMP USE

*All are exempt from the
requirement of a tolerance residue
limit

Conventional Pesticides

EPA Registration Number	Applicant	Active ingredient	Product type
91865-2	Hawthorne Hydroponics LLC, D/B/A General Hydroponics	Potassium Salts of Fatty Acids	Insecticide, Fungicide, and Miticide



Biopesticides

EPA Reg. No.	Active Ingredient
70051-117	Potassium Bicarbonate
70051-119	Bacillus mycoides isolate J
70051-127	Potassium Silicate
70051-19	Isaria fumosorosea Apopka strain 97
70051-45	Polyhedral occlusion bodies of the nuclear polyhedrosis virus of Helicoverpa zea (corn earworm)
70051-86	Bacillus thuringiensis subsp. kurstaki strain EG7841
70310-11	Neem Oil
70310-5	Azadirachtin and Neem Oil
70310-7	Azadirachtin and Neem Oil
70310-8	Azadirachtin and Neem Oil
71908-1	Azadirachtin

81936-1	Acetic acid
82074-1	Beauveria bassiana strain GHA
82074-2	Beauveria bassiana strain GHA
83416-1	mono and Di Potassium Salts of Phosphoric Acid
84059-21	Reynoutria sachalensis
84059-28	Bacillus amyloliquefaciens strain F727
84059-3	Reynoutria sachalensis
84846-2	Complex Polymeric Polyhydroxy Acids
84846-5	Complex Polymeric Polyhydroxy Acids
85208-1	Vinegar (CAS 64-19-7)
87978-4	Spodoptera frugiperda Multiple Nucleopolyhedrovirus strain 3AP2
87978-5	Chrysodeixis includens Nucleopolyhedrovirus isolate #460
87978-6	Chrysodeixis includens Nucleopolyhedrovirus isolate #460 & Helicoverpa zea Nucleopolyhedrovirus strain ABA-NPV-U

<u>87978-7</u>	Autographa californica Multiple Nucleopolyhedrovirus strain R3
<u>87978-8</u>	Chrysodeixis includens Nucleopolyhedrovirus isolate #460, Helicoverpa zea Nucleopolyhedrovirus strain ABA-NPV-U, Autographa californica Multiple Nucleopolyhedrovirus strain R3, & Spodoptera frugiperda Multiple Nucleopolyhedrovirus strain 3AP2
<u>87978-9</u>	Chrysodeixis includens Nucleopolyhedrovirus isolate #460, Helicoverpa zea Nucleopolyhedrovirus strain ABA-NPV-U, Autographa californica Multiple Nucleopolyhedrovirus strain R3, & Spodoptera frugiperda Multiple Nucleopolyhedrovirus strain 3AP2
<u>88760-10</u>	Neem Oil
<u>88847-6</u>	GS-omega/kappa - Hxtx-Hv1a (spider venom peptides)
<u>89152-4</u>	Cold pressed neem oil
<u>89600-2</u>	Beauveria bassiana strain ANT-03
<u>90866-13</u>	Cytokinin and Indole - 3 butyric Acid (IBA)
<u>91865-1</u>	Soybean Oil, Garlic Oil, and Resin, Oleo-, capsicum
<u>91865-3</u>	Bacillus amyloliquefaciens strain D747
<u>91865-4</u>	Azadirachtin

EPA R9 STATE CONTACTS



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