

NMDA registered INSECTICIDES
For use in Cannabis sp. production

Updated 9/10/2024

Trade Name and Active Ingredient	EPA Registration #	NM id #	Crop and Location(s):
Ancora (Isaria fumosorosea Apopka Strain 97)	70051-19-59807	33493	greenhouse, nursery, other cover
PFR-97 20% WDG (Isaria fumosorosea Apopka Strain 97)	70051-19	1621-33	outdoor
Gemstar LC (Polyhedral occlusion bodies of the nuclear polyhedrosis virus of Helicoverpa zea (corn earworm))	70051-45	26235	greenhouse, field
Crymax (Bacillus thuringiensis subspecies kurstaki strain EG7841 solids, spores and lepidopteran active toxins*)	70051-86	13213	field
Debug Turbo (Fats and glyceridic oils, margosa)	70310-5	48881	greenhouse, field
Debug Optimo (Fats and glyceridic oils, margosa: Azadirachtin)	70310-7	48882	greenhouse, field
Debug Tres (Fats and glyceridic oils, margosa: Azadirachtin)	70310-8	48883	greenhouse, field
Debug-On (Fats and glyceridic oils, margosa)	70310-11	48884	greenhouse, field
Azamax (Azadirachtin)	71908-1-81268	2498-1	indoor/outdoor, containers
Ecogarden (Azadirachtin)	71908-1-81268	44370	indoor/outdoor, containers
Spear T Liquid Concentrate (GS-omega/kappa-Htxt-Hv1a)	88847-6	35517	greenhouse, nursery, field
Spear-LEP (GS-omega/kappa-Htxt-Hv1a)	88847-6	41564	greenhouse, nursery, field
BT Now (Bacillus thuringiensis subspecies kurstaki strain EVB-113-19)	89046-12-70299	47593	field
Leprotec (Bacillus thuringiensis ssp. kurstaki strain EVB- 113-19 fermentation solids, spores, and insecticidal toxins)	89046-12-88847	41565	Field
Seican (Cinnamaldehyde)	91473-2-88783	50964	greenhouse
Azaguard (Azadirachtin)	70299-17	1599-17	greenhouse, outdoors
Bioprotec Plus (Bacillus thuringiensis. Kurstakin strain EVB- 113-19)	89046-12	42287	outdoors
Bioceres WP (Beauveria bassiana strain ANT-03)	89600-2	41617	greenhouse, outdoors
Brandt Ecotec Plus (Rosemary oil, Geraniol, Peppermint oil)	N/A	50339	greenhouse, outdoors
Agree WG	70051-47	34389	outdoors

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- 3) If you are growing for an inhalation or edible end product market, check with your buyer regarding their pesticide policies;
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(Bacillus thuringiensis subspecies aizawai strain GC 91)			
BoteGHA Optima ES (Beauveria bassiana strain GHA)	82074-17	60645	greenhouse, outdoors
Mycotrol Optima ESO (Beauveria bassiana strain GHA)	82074-17	60653	greenhouse, outdoors
Botanigard ES (Beauveria bassiana strain GHA)	82074-1	2495-1	greenhouse, outdoors
BoteGHA ES (Beauveria bassiana strain GHA)	82074-1	39444	greenhouse, outdoors
Mycotrol ESO (Beauveria bassiana strain GHA)	82074-1	27751	greenhouse, outdoors
Ecoworks EC (Cold pressed Neem Oil)	89152-4	42127	greenhouse, outdoors
Growers Ally Spider Mite Control Concentrate (Rosemary Oil, Clove Oil, Peppermint Oil)	N/A	54306	greenhouse, outdoors
Captain Jack's Rose Rx 4 in 1 Ready to Use (Cold pressed Neem Oil)	88760-12-4	61665	Residential, indoor/outdoor
General Hydroponics TriShield Insecticide, Miticide & Fungicide Concentrate (Citric Acid, Sodium Lauryl Sulfate, Soybean Oil)	N/A	57232	indoor/outdoor
Isarid (Isaria Fumosorosea strain FE 9901)	89635-5	61661	greenhouse, outdoors
Deliver (Bacillus thuringiensis subspecies kurstaki strain SA-12 solids)	70051-69	39664	greenhouse, outdoors
Javelin WG (Bacillus thuringiensis subspecies kurstaki strain SA-11 solids and Lepidoteran active toxins)	70051-66	1621-24	greenhouse, outdoors
Grandevo WDG (Chromobacterium subtsugae strain PRAA4-1)	84059-27	27560	field
Grower's Ally Crop Defender 3 Concentrate (Clove Oil, Peppermint Oil, Rosemary Oil, Thyme Oil)	N/A	62769	indoor/outdoor, greenhouse
Grower's Ally Crop Defender 3 Ready To Use (Clove Oil, Peppermint Oil, Rosemary Oil, Thyme Oil)	N/A	62768	indoor/outdoor, greenhouse
Trifecta Crop Control Ready To Use (Citric Acid, Clove Oil, Corn Oil, Garlic Oil, Geraniol, Peppermint Oil, Rosemary Oil, Thyme Oil)	N/A	62864	indoor/outdoor
Trifecta Crop Control Super Concentrate (Citric Acid, Clove Oil, Corn Oil, Garlic Oil, Geraniol, Peppermint Oil, Rosemary Oil, Thyme Oil)	N/A	62865	indoor/outdoor
Essentria IC Pro (Clove Oil, Cornmint Oil, Geraniol, Sodium Lauryl	N/A	63280	indoor/outdoor

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Sulfate)			
Grower's Ally Spider Mite Control Ready To Use (Clove Oil, Peppermint Oil, Rosemary Oil)	N/A	62772	indoor/outdoor
BotaniGard Optima ES (Beauveria bassiana strain GH4)	82074-17	60648	indoor/outdoor, greenhouse
Debug Optimo (Azadirachtin; Fats and glyceridic oils, margosa)	1021-2876	64288	indoor/outdoor, greenhouse
Debug Tres (Azadirachtin; Fats and glyceridic oils, margosa)	1021-2877	64651	indoor/outdoor, greenhouse
BioCeres EC (Beauveria bassiana strain ANT-03)	89600-4	64299	indoor/outdoor, greenhouse
IPM (Citric Acid, Geranium Oil, Lemongrass Oil, Peppermint Oil)	N/A	64760	indoor/outdoor
Debug-ON (Fats and glyceridic oils, margosa)	1021-2879	65717	indoor/outdoor, greenhouse
Fortify PC (Citric Acid)	N/A	64821	indoor/outdoor, greenhouse
Soyote (Sodium lauryl sulfate, Soybean Oil)	N/A	65753	greenhouse, outdoors
NemaClean 10% WP (Purpureocillium lilacinum strain PL11)	82074-16	62065	field
Molt-X (Azadirachtin)	68539-11	1416-19	indoor/outdoor, greenhouse
Debug Turbo (Azadirachtin, Fats and glyceridic oils, margosa)	1021-2874	67094	indoor/outdoor, greenhouse
The Amazing Doctor Zymes Eliminator (Citric Acid)	N/A	57545	indoor/outdoor
Bioceres GR (Beauveria bassiana strain ANT-03)	89600-7	68326	indoor/outdoor, greenhouse
Furor (Sodium tetraborate decahydrate)	72662-3	70579	indoor/outdoor, greenhouse
Pronghorn (Sodium tetraborate decahydrate)	72662-3	70580	indoor/outdoor, greenhouse
Cinnerate (Cinnamon Oil)	N/A	65143	greenhouse, outdoors
Cinnerate (24% Repack) (Cinnamon Oil)	N/A	71284	greenhouse, outdoors
Lalguard M52 GR (Metarhizium brunneum strain F52)	64137-31	62754	greenhouse
Spear-RC (GS-omega/kappa-Hxtx-Hv1a)	88847-6	70955	greenhouse, nursery, field
Mighty Mint Plant Protection (Geraniol, Peppermint Oil, Rosemary Oil)	N/A	73489	indoor/outdoor, greenhouse
Leprotec WG (Bacillus thuringiensis subspecies kurstaki strain SA-11 solids and Lepidopteran active toxins)	70051-66-88847	73420	greenhouse, outdoors
Dipel Pro DF Biological Insecticide Dry Flowable	73049-39	1842-26	greenhouse, field

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(Bacillus thuringiensis subspecies kurstaki strain ABTS-351)			
Xentari Biological Insecticide Dry Flowable (Bacillus thuringiensis subspecies aizawai strain ABTS-1857 solids)	73049-40	1842-25	greenhouse, field
Venerate XC (Heat-killed Burkholderia spp. Strain A396 cells and spent fermentation media)	84059-14	14983	greenhouse, field
Heligen (Helicoverpa zea Nucleopolyhedrovirus strain ABA-NPV-U)	87978-2	17479	field
Fawligen (Spodoptera frugiperda Multiple Nucleopolyhedrovirus strain 3AP2)	87978-4	35418	field
NoFly WP (Isaria fumosorosea strain FE 9901)	88664-1	33471	greenhouse, nursery, field
Nemasan (Quillaja extract, Chitosan)	92032-1	32965	greenhouse, field

****This list does not represent an endorsement or recommendation of any product(s)**

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