



**OREGON
DEPARTMENT OF
AGRICULTURE**

Protect. Promote. Prosper.

Nursery and Christmas Tree Program
635 Capitol St NE, Salem, OR 97301-2532
503.986.4644 | Oregon.gov/ODA

Pesticide Products for Control of Emerald Ash Borer in Oregon September 6, 2024

To effectively control Emerald Ash Borer (EAB), you must use a product that is labeled for use against EAB for the site or crop of interest (e.g., ornamental plants in nurseries).

Any pesticide product you purchase must be registered with the Oregon Department of Agriculture (ODA) Pesticides Program. To check if a product is registered, use ODA's [Search Pesticide Product Registrations](#).

To aid in your search for control options, the ODA Pesticides Program has identified several products that are registered in Oregon and labeled for control of EAB in or on ornamental trees and/or nurseries. **This is not an exhaustive list.** There may be products registered in Oregon for control of EAB that are not on this list. If you find a product that is registered in Oregon and labeled for control of EAB on the site or crop of interest, then you may apply that product for control of EAB. **All pesticide products must be applied in a manner consistent with their labeling.**

If you have questions about a product's registration status or a specific product label, please contact the Pesticides Program at pesticide-expert@oda.oregon.gov or 503-986-4635. Please be prepared to provide the product name and EPA Registration Number ("EPA Reg. No."), if applicable, of the product in question.

If you have questions about the EAB control area or a Compliance Agreement, please contact kara.mills@oda.oregon.gov (Nursery & Christmas Tree Program Lead).

The below list was last updated September 6, 2024.

Registrant Name	Product Name	EPA Reg. No.	Active Ingredient(s)	CONC	IRAC MOA Subgroup	IRAC Subgroup Name	Intended User	Formulation	Signal Word	Restricted Use Pesticide?	Tree injection? (yes/no)
CREATIVE SALES INC	ACECAP Systemic Insecticide Implants	37979-1	ACEPHATE	98.90%	1B	Organophosphates	HOME	IMPREGNATED MATERIAL	CAUTION	NO	YES
ARBORJET INC	Ace-Jet	74578-2	ACEPHATE	97.40%	1B	Organophosphates	COMMERCIAL	SPRAY POWDER	CAUTION	NO	YES
BIOFOREST TECHNOLOGIES INC	TreeAzin Systemic Insecticide	82996-1	AZADIRACTIN	5%	UN	Compounds of unknown or uncertain MoA	COMMERCIAL	LIQUID	WARNING	NO	YES
BIOSAFE SYSTEMS LLC	Azaguard	70299-17	AZADIRACTIN	3.00%	UN	Compounds of unknown or uncertain MoA	COMMERCIAL	LIQUID	CAUTION	NO	YES
BAYER ENVIRONMENTAL SCIENCE	Tempo Ultra WP Insecticide	432-1304	BETA-CYFLUTHRIN	10%	3A	Pyrethroids/Pyrethrins	COMMERCIAL	SPRAY POWDER	CAUTION	NO	NO
ENVIRONMENTAL SCIENCE US LLC	Tempo Ultra WSP Insecticide Water Soluble Packets	101563-96	BETA-CYFLUTHRIN	10%	3A	Pyrethroids/Pyrethrins	COMMERCIAL	SPRAY POWDER	CAUTION	NO	NO
AMVAC CHEMICAL CORP	Wisdom 2EC insecticide/Miticide	5481-592	BIFENTHRIN	25.10%	3A	Pyrethroids/Pyrethrins	COMMERCIAL	LIQUID	WARNING	NO	NO
INNVICTIS CROP CARE LLC	Reveal	89168-19-89391	BIFENTHRIN	25%	3A	Pyrethroids/Pyrethrins	COMMERCIAL	LIQUID	WARNING	YES	NO
FMC CORPORATION AGRICULTURAL PROD GROUP	Onyxpro Insecticide	279-4269	BIFENTHRIN	23.40%	3A	Pyrethroids/Pyrethrins	COMMERCIAL	LIQUID	WARNING	YES	NO
CONTROL SOLUTIONS INC	Bifen XTS Insecticide/Termiticide	53883-189	BIFENTHRIN	25.10%	3A	Pyrethroids/Pyrethrins	COMMERCIAL	LIQUID	WARNING	NO	NO
FMC CORPORATION AGRICULTURAL PROD GROUP	Baseline Insecticide	279-3177	BIFENTHRIN	23.40%	3A	Pyrethroids/Pyrethrins	COMMERCIAL	LIQUID	WARNING	NO	NO
SBM LIFE SCIENCE CORP	BioAdvanced Science-Based Solutions 2-1-1 12 Month Tree & Shrub Protect & Feed Concentrate II	92564-39	CLOTHIANIDIN; IMIDACLOPRID	0.37%; 0.74%	4A;4A	Neonicotinoids	HOME	FERTILIZER	CAUTION	NO	NO
SBM LIFE SCIENCE CORP	BioAdvanced Science-Based Solutions 2-1-1 12 Month Tree Protect & Feed Concentrate II	92564-39	CLOTHIANIDIN; IMIDACLOPRID	0.37%; 0.74%	4A;4A	Neonicotinoids	HOME	FERTILIZER	CAUTION	NO	NO
PBI/GORDON CORPORATION	Zylam Liquid Systemic Insecticide	2217-937	DINOTEFURAN	10%	4A;4A	Neonicotinoids	COMMERCIAL	LIQUID	CAUTION	NO	NO
RAINBOW TREECARE SCIENTIFIC	Transtect 70WSP Insecticide	59639-170-74779	DINOTEFURAN	70%	4A;4A	Neonicotinoids	COMMERCIAL	SPRAY POWDER	CAUTION	NO	NO
VALENT USA LLC	Safari 20 SG Insecticide	86203-11-59639	DINOTEFURAN	20%%	4A	Neonicotinoids	COMMERCIAL	SPRAY POWDER	CAUTION	NO	NO
ARBORSYSTEMS	TreeMec Inject	69117-12	EMAMECTIN BENZOATE	4%	6	Avermectins, Milbemycins	COMMERCIAL	LIQUID	WARNING	NO	YES

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ARBORJET INC	TREE-age R10	74578-12	EMAMECTIN BENZOATE	9.70%	6	Avermectins, Milbemycins	COMMERCIAL	LIQUID	WARNING	YES	YES
ARBORSYSTEMS	Boxer Insecticide-Miticide	69117-12	EMAMECTIN BENZOATE	4%	6	Avermectins, Milbemycins	COMMERCIAL	LIQUID	WARNING	NO	YES
ROTAM NORTH AMERICA INC	ArborMectin	83100-35-83979	EMAMECTIN BENZOATE	4.00%	6	Avermectins, Milbemycins	HOME	LIQUID	CAUTION	NO	YES
ARBORJET INC	TREE-age G4	74578-10	EMAMECTIN BENZOATE	4.00%	6	Avermectins, Milbemycins	HOME	LIQUID	CAUTION	NO	YES
SBM LIFE SCIENCE CORP	BioAdvanced Science-Based Solutions 2-1-1 12 Month Tree & Shrub Protect & Feed Concentrate	92564-33	IMIDACLOPRID	1.47%	4A;4A	Neonicotinoids	HOME	FERTILIZER	CAUTION	NO	NO
SBM LIFE SCIENCE CORP	BioAdvanced Science-Based Solutions 2-1-1 12 Month Tree Protect & Feed Concentrate	92564-33	IMIDACLOPRID	1.47%	4A;4A	Neonicotinoids	HOME	FERTILIZER	CAUTION	NO	NO
SBM LIFE SCIENCE CORP	2-1-1 BioAdvanced Science-Based Solutions 12 Month Tree & Shrub Protect & Feed Ready-To-Use Granules	92564-30	IMIDACLOPRID	1.10%	4A;4A	Neonicotinoids	HOME	FERTILIZER	CAUTION	NO	NO
SBM LIFE SCIENCE CORP	BioAdvanced Science-Based Solutions 12 Month Tree Protect & Feed Ready-To-Use Granules	92564-30	IMIDACLOPRID	1.10%	4A;4A	Neonicotinoids	HOME	FERTILIZER	CAUTION	NO	NO
ARBORJET INC	IMA-jet 10	74578-6	IMIDACLOPRID	10.00%	4A;4A	Neonicotinoids	COMMERCIAL	LIQUID	CAUTION	NO	YES
VESERIS	MasterLine I MaxxDual Insecticide	432-1600-73748	IMIDACLOPRID	21.40%	4A;4A	Neonicotinoids	COMMERCIAL	LIQUID	CAUTION	NO	NO
AGRISEL USA INC	ImidaPro 2SC	42750-115-72159	IMIDACLOPRID	21.40%	4A;4A	Neonicotinoids	COMMERCIAL	LIQUID	CAUTION	NO	NO
RAINBOW TREECARE SCIENTIFIC	Xytect 10% Infusible Insecticide	74779-11	IMIDACLOPRID	10.00%	4A;4A	Neonicotinoids	COMMERCIAL	LIQUID	CAUTION	NO	YES
SBM LIFE SCIENCE CORP	BioAdvanced Science-Based Solutions 12 Month Tree & Shrub Insect Control Concentrate	92564-22	IMIDACLOPRID	2.94%	4A;4A	Neonicotinoids	HOME	LIQUID	CAUTION	NO	NO
LAWN AND GARDEN PRODUCTS INC	Monterey Once A Year Insect Control II	228-525-54705	IMIDACLOPRID	1.47%	4A;4A	Neonicotinoids	HOME	LIQUID	CAUTION	NO	NO
BONIDE PRODUCTS LLC	Bonide Annual Tree And Shrub Insect Control With SYSTEMAXX	53883-205-4	IMIDACLOPRID	1.47%	4A;4A	Neonicotinoids	HOME	LIQUID	CAUTION	NO	NO
BONIDE PRODUCTS LLC	Bonide Systemic Insect Spray with Systemaxx	53883-205-4	IMIDACLOPRID	1.47%	4A;4A	Neonicotinoids	HOME	LIQUID	CAUTION	NO	NO

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CONTROL SOLUTIONS INC	Martin's Dominion Tree & Shrub	53883-205	IMIDACLOPRID	1.47%	4A;4A	Neonicotinoids	HOME	LIQUID	CAUTION	NO	NO
RAINBOW TREECARE SCIENTIFIC	Xytext 2F Insecticide	42750-115-74779	IMIDACLOPRID	21.40%	4A;4A	Neonicotinoids	COMMERCIAL	LIQUID	CAUTION	NO	NO
ROTAM NORTH AMERICA INC	Lada 2F Insecticide	83100-6-83979	IMIDACLOPRID	21.40%	4A;4A	Neonicotinoids	COMMERCIAL	LIQUID	CAUTION	NO	NO
ALBAUGH LLC	ImidaStar 2L T&O	42750-115	IMIDACLOPRID	21.40%	4A;4A	Neonicotinoids	COMMERCIAL	LIQUID	CAUTION	NO	NO
NUFARM AMERICAS INC 228	Grubex Pro	228-485	IMIDACLOPRID	21.40%	4A;4A	Neonicotinoids	COMMERCIAL	LIQUID	CAUTION	NO	NO
RAGAN AND MASSEY LLC	Compare-N-Save Systemic Tree & Shrub Insect Drench	228-525-84009	IMIDACLOPRID	1.47%	4A;4A	Neonicotinoids	HOME	LIQUID	CAUTION	NO	NO
ARBORSYSTEMS	DIY Tree Care Products Multi-Insect Killer	69117-8	IMIDACLOPRID	5%	4A;4A	Neonicotinoids	HOME	LIQUID	WARNING	NO	YES
HELENA AGRICULTURE ENTERPRISES LLC	Omni Brand Imidacloprid 2F T&O	38167-37-5905	IMIDACLOPRID	22.60%	4A;4A	Neonicotinoids	COMMERCIAL	LIQUID	CAUTION	NO	NO
ARBORSYSTEMS	Pointer Insecticide	69117-1	IMIDACLOPRID	5%	4A;4A	Neonicotinoids	COMMERCIAL	LIQUID	WARNING	NO	YES
PRIME SOURCE A DIV OF ALBAUGH LLC	Imidacloprid 75WSP Select	89442-11	IMIDACLOPRID	75.00%	4A;4A	Neonicotinoids	COMMERCIAL	SOLUBLE PACKET	CAUTION	NO	NO
ROTAM NORTH AMERICA INC	Lada 75 WSP Insecticide	83100-26-83979	IMIDACLOPRID	75%	4A;4A	Neonicotinoids	COMMERCIAL	SOLUBLE PACKET	CAUTION	NO	NO
RAINBOW TREECARE SCIENTIFIC	Xytext 75WSP Insecticide	42750-117-74779	IMIDACLOPRID	75.00%	4A;4A	Neonicotinoids	COMMERCIAL	SOLUBLE PACKET	CAUTION	NO	NO
LOVELAND PRODUCTS INC	Malice 75 WSP	34704-1009	IMIDACLOPRID	75.00%	4A;4A	Neonicotinoids	COMMERCIAL	SPRAY POWDER	CAUTION	NO	NO
SULPHUR MILLS LTD	Imidashot DF Insecticide	70905-3	IMIDACLOPRID	70%	4A;4A	Neonicotinoids	COMMERCIAL	SPRAY POWDER	CAUTION	NO	NO
SANCO INDUSTRIES INC	Liquid Harvest Pro Grub Control	42750-115-72838	IMIDACLOPRID	21.40%	4A;4A	Neonicotinoids	COMMERCIAL	LIQUID	CAUTION	NO	NO
VOLUNTARY PURCHASING GROUP INC	Natural Guard Brand by Ferti-lome Spinosad Bagworm, Tent Caterpillar and Chewing Insect Control	62719-314-7401	SPINOSAD	0.50%	5	Spinosyns	HOME	LIQUID	NO SIGNAL WORD GIVEN	NO	NO
VOLUNTARY PURCHASING GROUP INC	Natural Guard Brand by Ferti-lome Spinosad Bagworm/TentCaterpillar/ChewingInsect Cntrl Ready to Spra	62719-314-7401	SPINOSAD	0.50%	5	Spinosyns	HOME	LIQUID	NO SIGNAL WORD GIVEN	NO	NO
ORTHO GROUP	Ortho Insect Killer Tree & Shrub Concentrate	73327-16-239	SPINOSAD	0.50%	5	Spinosyns	HOME	LIQUID	NO SIGNAL WORD GIVEN	NO	NO

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BONIDE PRODUCTS LLC	Bonide Captain Jack's Deadbug Brew Concentrate	4-471	SPINOSAD	0.50%	5	Spinosyns	HOME	LIQUID	NO SIGNAL WORD GIVEN	NO	NO
BONIDE PRODUCTS LLC	Bonide Captain Jack's Deadbug Brew RTS	4-471	SPINOSAD	0.50%	5	Spinosyns	HOME	LIQUID	NO SIGNAL WORD GIVEN	NO	NO
BONIDE PRODUCTS LLC	Bonide Captain Jack's Deadbug Brew RTU	4-472	SPINOSAD	0.00%	5	Spinosyns	HOME	LIQUID	NO SIGNAL WORD GIVEN	NO	NO
CORTEVA AGRISCIENCE LLC	Spinosad 0.5% SC	62719-314	SPINOSAD	0.50%	5	Spinosyns	HOME	LIQUID	NO SIGNAL WORD GIVEN	NO	NO
CORTEVA AGRISCIENCE LLC	Entrust SC	62719-621	SPINOSAD	22.50%	5	Spinosyns	COMMERCIAL	LIQUID	NO SIGNAL WORD GIVEN	NO	NO
CORTEVA AGRISCIENCE LLC	Kibosh SC	62719-621	SPINOSAD	22.50%	5	Spinosyns	COMMERCIAL	LIQUID	NO SIGNAL WORD GIVEN	NO	NO
DOW AGROSCIENCES LLC	Entrust SC	62719-621	SPINOSAD	22.50%	5	Spinosyns	COMMERCIAL	LIQUID	NO SIGNAL WORD GIVEN	NO	NO
CORTEVA AGRISCIENCE LLC	Conserve SC Turf and Ornamental	62719-291	SPINOSAD	11.60%	5	Spinosyns	COMMERCIAL	LIQUID	NO SIGNAL WORD GIVEN	NO	NO
CORTEVA AGRISCIENCE LLC	Entrust	62719-282	SPINOSAD	80%	5	Spinosyns	COMMERCIAL	SPRAY POWDER	CAUTION	NO	NO
DOW AGROSCIENCES LLC	Entrust Naturalyte Insect Control	62719-282	SPINOSAD	80%	5	Spinosyns	COMMERCIAL	SPRAY POWDER	CAUTION	NO	NO
DOW AGROSCIENCES LLC	Entrust Naturalyte Insect Control	62719-314	SPINOSAD	0.50%	5	Spinosyns	HOME	LIQUID	NO SIGNAL WORD GIVEN	NO	NO
VOLUNTARY PURCHASING GROUP INC	Ferti-Lome Spinosad	62719-314-7401	SPINOSAD	0.50%	5	Spinosyns	HOME	LIQUID	NO SIGNAL WORD GIVEN	NO	NO
VOLUNTARY PURCHASING GROUP INC	Ferti-Lome Spinosad Ready to Spray	62719-314-7401	SPINOSAD	0.50%	5	Spinosyns	HOME	LIQUID	NO SIGNAL WORD GIVEN	NO	NO