



New Active Ingredients Registered in California During 2020

In 2020, the Department of Pesticide Regulation (DPR) registered 32 pesticide products containing 13 different new active ingredients. Of the 32 products, the U.S. Environmental Protection Agency (EPA) considered 21 products containing 8 new active ingredients to be reduced risk. DPR currently registers approximately 13,247 products containing 1,063 different active ingredients

Common Chemical Name	General Use and Comments	Product(s) Registered
AFIDOPYROPEN	<p>For the control of insects such as aphids, Asian citrus psyllid and silverleaf whitefly on crops such as citrus, cotton, fruiting vegetables, pome fruit and stone fruit</p> <p>Comments:</p> <ul style="list-style-type: none"> Concurrent evaluation with U.S. EPA 	<p>VERSYS INSCALIS INSECTICIDE (EPA Reg. No. 7969-389-AA)</p> <p>SEFINA INSCALIS INSECTICIDE (EPA Reg. No. 7969-391-AA)</p> <p>VENTIGRA INSECTICIDE (EPA Reg. No. 7969-393-AA)</p>

Common Chemical Name	General Use and Comments	Product(s) Registered
<p>BACILLUS AMYLOLIQUEFACIENS STRAIN F727</p>	<p>For the control of diseases such as downy mildew, powdery mildew, and black spot in crops such as artichokes onions, tomatoes and plant disease control in home and garden sites such as flowers, shrubs and trees grown in residential landscapes and in home vegetable gardens</p> <p>Comments:</p> <ul style="list-style-type: none"> • Microbial • Fungicide • Concurrent evaluation with U.S. EPA • Reduced risk 	<p>MBI-110 EP (EPA Reg. No. 84059-28-ML)</p> <p>AMPLITUDE (EPA Reg. No. 84059-28-ZA)</p> <p>AMPLITUDE ST (EPA Reg. No. 84059-28-ZB)</p> <p>STARGUS (EPA Reg. No. 84059-28-AA)</p>
<p>BACILLUS THURINGIENSIS SSP KURSTAKI, STRAIN EVB 11</p>	<p>For the control of insects such as gypsy moths, bagworms, and pine butterflies on crops such as seed orchards, ornamental trees, lawns, alfalfa, citrus, and fruiting vegetables</p> <p>Comments:</p> <ul style="list-style-type: none"> • Microbial • Reduced Risk 	<p>BIOPROTEC PLUS (Reg. No. 89046-12-AA)</p> <p>LEPROTEC (Reg. No. 89046-12-AA-88847)</p>

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BENZOVINDIFLUPYR	<p>For the control of diseases such as rust, leaf spot, anthracnose, and powdery mildew on crops such as apples, onion, blueberry, grapes, artichoke, cucumber, and tomato</p> <p>Comments:</p> <ul style="list-style-type: none"> • Concurrent evaluation with U.S. EPA 	<p>APPROVIA FUNGICIDE (Reg. No. 100-1471-AA)</p> <p>APROVIA TOP FUNGICIDE (Reg. No. 100-1476-AA)</p> <p>ELATUS FUNGICIDE (Reg. No. 100-1480-AA)</p>
DUDDINGTONIA FLAGRANS STRAIN IAH 1297	<p>For use as a feed supplement for the biological management of infective nematode larvae on pasture for grazing animals such as horses, cattle, sheep, and goats</p> <p>Comments:</p> <ul style="list-style-type: none"> • Microbial • Reduced Risk 	<p>BIOWORMA (Reg. No. 91253-1-AA)</p> <p>LIVAMOL WITH BIOWORMA (Reg. No.91253-2-AA)</p>
FLUTIANIL	<p>For the control of powdery mildew on crops such as apple, cherry, gooseberry, grape and hardy kiwifruit</p> <p>Comments:</p> <ul style="list-style-type: none"> • Concurrent evaluation with U.S. EPA • Reduced Risk 	<p>GATTEN (EPA Reg. No. 11581-6-ML)</p> <p>GATTEN CA (EPA Reg. No. 11581-6-AA-71711)</p>

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HARPIN PROTEIN	For the suppression of nematode egg production in tree nut and vine crops such as almond, pecan and grapes	EMPLOY (EPA Reg. No. 71771-3-AA)
MUSCODOR ALBUS STRAIN SA13	For the control of nematodes and soil-borne diseases in agricultural soils Comments: <ul style="list-style-type: none"> • Reduced Risk 	ENNOBLE BIOFUMIGANT (EPA Reg. No. 84059-26-AA)
PSEUDOMONAS CHLORORAPHIS SUBSP. AURANTIACA STRAIN AFS009	For the control of diseases such as brown patch, gray mold, and anthracnose on flowers, bedding plants, ornamentals, and crops such as eggplant, tomato, spinach, cucumber, and strawberries Comments: <ul style="list-style-type: none"> • Microbial • Reduced Risk 	HOWLER (Reg. No. 91197-3-AA-92488) MASTER LABEL – HOWLER (Reg. No. 91197-3-ML) ZIO FUNGICIDE (Reg. No. 67690-77-AA)

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<p>PYDIFLUMETOFEN</p>	<p>For the control of diseases such as late blight, powdery mildew, web blotch, and basal rot in sites such as ornamental plants, Christmas trees, and crops such as kiwifruit, grapes, amaranth, peanuts, and soybeans</p> <p>Comments:</p> <ul style="list-style-type: none"> • Concurrent evaluation with U.S. EPA • Reduced Risk 	<p>MASTER LABEL - PICALINA FLORA (Reg. No. 100-1606-ML)</p> <p>MIRAVIS (Reg. No. 100-1601-AA)</p> <p>MIRAVIS NEO (Reg. No. 100-1605-AA)</p> <p>MIRAVIS PRIME (Reg. No. 100-1603-AA)</p> <p>POSTERITY (Reg. No. 100-1600-AA)</p> <p>POSTERITY FORTE (Reg. No. 100-1604-AA)</p>
<p>PYRIDINE, 4-ETHENYL-, POLYMER WITH ALPHA-(2-METHYL-1-OXO-2-PROPEN-1-YL)-OMEGA-METHOXYPOLY(OXY-1,2-ETHANEDIYL), COMPOUNDED WITH 1-BROMOHEXANE</p>	<p>For the control of microorganisms that cause deterioration and discoloration in non-food paper, plastics, and textiles</p>	<p>NOUVEX N950-9010 MASTER BATCH (Reg. No. 91413-2-AA)</p>

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<p>SWINGLEA GLUTINOSA EXTRACT</p>	<p>For the control of diseases such as powdery mildew, bunch rot, and sour rot on crops such as grapes, strawberries, broccoli, onion, cucumber, and carrot</p> <p>Comments:</p> <ul style="list-style-type: none"> • Biopesticide • Concurrent evaluation with U.S. EPA • Reduced Risk 	<p>ECOSWING BOTANICAL FUNGICIDE (Reg. No. 10163-357-AA)</p>
<p>2,4-DICHLOROPHENOXYACETIC ACID, CHOLINE SALT</p>	<p>For the control of broadleaf weeds such as bitterweed, coffeeweed, and dandelion in crops such as apples, pears, almonds, apricots, blueberries, and asparagus. Also for use on aquatic weeds in sites such as lakes, marshes, irrigation canals, reservoirs, ponds, and drainage ditches</p>	<p>EMBED (Reg. No. 62719-634-AA)</p> <p>EMBED EXTRA (Reg. No. 62719-726-AA)</p> <p>FREELEXX (Reg. No. 62719-634-ZA)</p>