



Brian R. Leahy  
Director

Edmund G. Brown Jr.  
Governor

## New Active Ingredients Registered in California During 2016

In 2016, the Department of Pesticide Regulation (DPR) registered 22 pesticide products containing 16 different new active ingredients. Of the 22 products, the U.S. Environmental Protection Agency (EPA) considered nine products to be reduced risk. DPR currently registers approximately 14,000 products containing 1,050 different active ingredients.

Common Chemical Name	General Use and Comments	Product(s) Registered
<i>BACILLUS THURINGIENSIS SUBSP. GALLERIAE</i> , STRAIN SDS-502 FERMENTATION SOLIDS, SPORES AND INSECTICIDAL TOXINS	Manufacturing use and Master Label insecticide  <b>Comments:</b> <ul style="list-style-type: none"> <li>• Reduced risk</li> <li>• Microbial</li> </ul>	Phyllom SDS-502 MP (Reg. No. 88347-1-AA)  Master Label – GrubGone G (Reg. No. 88347-2-ML)
DINITROGEN TETROXIDE	Master Label institutional use  <b>Comments:</b> <ul style="list-style-type: none"> <li>• Antimicrobial</li> </ul>	Master Label - Noxilizer NO2 Sterilant (Reg. No. 89265-1-ML)
ETHABOXAM	Agricultural use fungicide for use on field crops  <b>Comments:</b> <ul style="list-style-type: none"> <li>• First end-use product</li> </ul>	Intego Solo Fungicide (Reg. No. 59639-186-AA)
EXTRACT OF CHENOPODIUM QUINOA SAPONINS	Agricultural use bactericide/fungicide for use on legumes, corn, tomatoes  <b>Comments:</b> <ul style="list-style-type: none"> <li>• Reduced risk</li> <li>• Biochemical</li> </ul>	Heads Up Plant Protectant (Reg. No. 81853-1-AA)



Common Chemical Name	General Use and Comments	Product(s) Registered
GLYPHOSATE, DIAMMONIUM SALT	Agricultural use nonselective herbicide for use on alfalfa, soybeans, barley, and non-crop areas  <b>Comments:</b> <ul style="list-style-type: none"> <li>• Previously registered active ingredient</li> </ul>	Drexel Imitator DA (Reg. No. 19713-586-AA)
GS-OMEGA/KAPPA- HXTX-HV1A (VERSITUDE PEPTIDE)	Greenhouse use insecticide for use on ornamentals  <b>Comments:</b> <ul style="list-style-type: none"> <li>• Reduced risk</li> <li>• Biochemical</li> <li>• Concurrent evaluation with U.S. EPA</li> <li>• First end-use product</li> </ul>	Spear T (Reg. No. 88847-2-AA)
ISOFETAMID	Agricultural use fungicide for use in grapes, almonds, lettuce, strawberries, turf  <b>Comments:</b> <ul style="list-style-type: none"> <li>• Concurrent evaluation with U.S. EPA</li> </ul>	Isfetamid 400 SC Fungicide (Reg. No. 71512-22-AA)  Isfetamid Turf Fungicide (Reg. No. 71512-23-AA)  Kabuto Fungicide SC (Reg. No. 71512-23-AA- 2217)  Kenja 400SC Fungicide (Reg. No. 71512-22-AA- 88783)

Common Chemical Name	General Use and Comments	Product(s) Registered
(3S, 6R)-3-METHYL-6-ISOPROPENYL-9-DECEN-1-YL ACETATE	<p>Agricultural pheromone for use against red scale in citrus</p> <p><b>Comments:</b></p> <ul style="list-style-type: none"> <li>• Reduced risk</li> <li>• Biochemical</li> <li>• Previously registered active ingredient</li> </ul>	Checkmate CRS (Reg. No. 56336-71-AA)
(3S,6S)-3-METHYL-6-ISOPROPENYL-9-DECEN-1-YL ACETATE	<p>Agricultural pheromone for use against red scale in citrus</p> <p><b>Comments:</b></p> <ul style="list-style-type: none"> <li>• Reduced risk</li> <li>• Biochemical</li> <li>• Previously registered active ingredient</li> </ul>	Checkmate CRS (Reg. No. 56336-71-AA)
MOMFLUOROTHRIN	<p>Manufacturing use insecticide</p> <p><b>Comments:</b></p> <ul style="list-style-type: none"> <li>• Concurrent evaluation with U.S. EPA</li> <li>• End-use product in evaluation</li> </ul>	Sumifreeze Manufacturing Use Product (Reg. No. 10308-35-AA)
NITROGEN DIOXIDE (DPR Chemical Code 6124)	Master Label institutional use antimicrobial	Master Label - Noxilizer NO2 Sterilant (Reg. No. 89265-1-ML)
PROHYDROJASMON	<p>Agricultural use plant growth regulator for use on apples</p> <p><b>Comments:</b></p> <ul style="list-style-type: none"> <li>• Biochemical</li> <li>• Reduced Risk</li> </ul>	Blush (Reg. No. 62097-29-AA-82917)

Common Chemical Name	General Use and Comments	Product(s) Registered
SEDAXANE	<p>Agricultural use fungicide for use as seed treatment on barley, oats, rye, wheat, triticale</p> <p><b>Comments:</b></p> <ul style="list-style-type: none"> <li>Additional products in evaluation process</li> </ul>	<p>Cruiser Vibrance Quattro (Reg. No. 100-1527-AA)</p> <p>Vibrance (Reg. No. 100-1374-AA)</p> <p>Vibrance Extreme (Reg. No. 100-1382-AA)</p> <p>Vibrance Quattro (Reg. No. 100-1526-AA)</p>
TAGETES OIL	<p>Master Label insecticide for use on ornamentals, carrots, spinach, tree fruits</p> <p><b>Comments:</b></p> <ul style="list-style-type: none"> <li>Biochemical</li> <li></li> </ul>	<p>Master Label – Bug Oil Food Use (Reg. No. 85937-2-ML)</p> <p>Master Label – Bug Oil Ornamental (Reg. No. 85937-1-ML)</p>
TERBUTRYN	<p>Industrial use paint preservative</p> <p><b>Comments:</b></p> <ul style="list-style-type: none"> <li>Previously registered new active ingredient</li> </ul>	<p>Polyphase S99 (Reg. No. 5383-150-AA)</p>
WINTERGREEN OIL	<p>Master Label insecticide for use on ornamentals, carrots, spinach, tree fruits</p> <p><b>Comments:</b></p> <ul style="list-style-type: none"> <li>Reduced risk</li> <li>Biochemical</li> <li>25(b) inert ingredient</li> </ul>	<p>Master Label – Bug Oil Food Use (Reg. No. 85937-2-ML)</p> <p>Master Label – Bug Oil Ornamental (Reg. No. 85937-1-ML)</p>