

## New Active Ingredients Registered in California During 2007

The Department of Pesticide Regulation (DPR) registered pesticide products containing 20 new pesticide active ingredients in 2007. They included five designated by the U.S. Environmental Protection Agency (U.S. EPA) as “reduced-risk.” The U.S. EPA uses the “reduced-risk” designation to highlight pesticide products that offer lower toxicity, allow lower application rates, or possess other desirable qualities in comparison to other currently registered pesticide products. California currently registers approximately 12,900 pesticide products containing 970 pesticide active ingredients.

Common Chemical Name	General Use	Brand Names	Comments
Boron oxide	Miticide used in homes and residents on pillows, mattress pads, and furniture stuffing	“Fortrell Wellcare ADM Fiber”	
Chlorhexidine gluconate	Antimicrobial used on hard, non-porous surfaces	“Or-Cleanse” and “Microsurf”	
Copper citrate chelate	Algaecide used in potable water, reservoirs, ponds, canals	“Algimycin PWF”	
Copper gluconate chelate	Algaecide used in potable water, reservoirs, ponds, canals	“Algimycin PWF”	
Cyazofamid	Agricultural fungicide used on cucrbits, potatoes, and tomatoes	“Ranman 400 SC”	
Flonicamid	Agricultural insecticide used on cotton, potatoes, pome fruit, and stone fruit	“Flonicamid 50WG”	First food use
Flurprimidol	Plant growth regulator used on container grown ornamentals and trees	“Topflor Ornamental Plant Growth Regulator” and “Flurprimidol Solution,”	
Metaflumizone	Non-crop insecticide – fire ants in turf and ornamentals	“Siesta Insecticide Fire And Bait” and “Metaflumizone Insecticide”	Designated by U.S. EPA as “reduced risk”
Metofluthrin	Mosquito repellent used in urban outdoor areas	“Deckmate Mosquito Repellent,” “Norm 1”	

Metolachlor	Agricultural herbicide used on cotton, field crops, and row crops	“Drexel Me-Too-Lachlor II Herbicide”	
Nicarbazin	Bird egg viability reducer used to control pigeons/geese	“Ovocontrol P” and “Ovocontrol G”	
Pantoea agglomerans strain E 325, NRRL B-21856	Agricultural bactericide used to control fire blight on pears and apples	“Bloomtime Biological FD Biopesticide”	Designated by U.S. EPA as “reduced risk”
Potassium silicate	Broad-spectrum insecticide, miticide, fungicide – agricultural crops, ornamentals, turf	“Sil – Matrix”	
S-abscisic acid	Plant growth regulator used on ornamentals and grapes	“VBC 30051 Plant Growth Regulator” and “VBC 30074 Plant Growth Regulator”	Experimental Use Permit Only
Spinetoram	Agricultural insecticide used on bushberries, corn, pome fruit, bulb vegetables, fruiting vegetables, tree fruits, ornamentals, and turf	“Delegate WG,” “GF-1640 WG-NC,” “Radiant SC,” and “GF-1587 SC-NC”	Designated by U.S. EPA as “reduced risk”
Spirodiclofen	Agricultural miticide used on citrus, grapes, pome fruit, stone fruit, and tree nuts	“Envidor 2 SC Miticide”	
Sulfosulfuron	Agricultural herbicide used on wheat, soybeans, potatoes, and turf	“Outrider Herbicide” and “Certainty Turf Herbicide”	
Triallate	Agricultural herbicide used on wheat	“Fargo Herbicide”	Interim registration only
Yeast extract hydrolysate from <i>Saccharomyces cerevisiae</i>	Agricultural fungicide used on citrus, cotton, and tomatoes	“Keyplex 350 OR”	Designated by U.S. EPA as “reduced risk”
(Z)-9-Dodecenyl acetate	Pheromone for forestry use to control pine shoot borers	“Last Call Eucosmak”	Designated by U.S. EPA as “reduced risk”