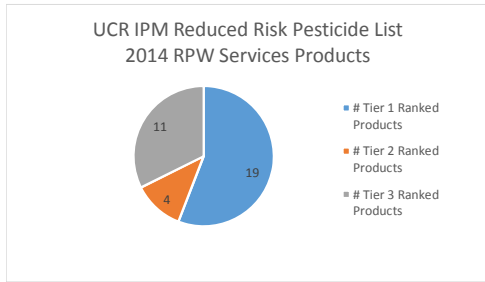


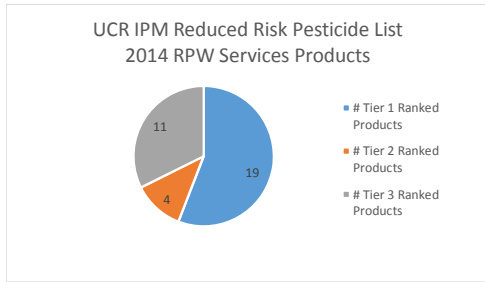
UC Riverside IPM
 RPW Pesticide List for 2014
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Tier 1 Highest concern. At least one criterion in highest hazard category.
 Tier 2 Moderate concern. At least one criterion in moderate hazard category.
 Tier 3 Lowest concern. No criteria flagged for Tier 1 or Tier 2.

Product Name	Type	Use	Ingredient	Tier Ranking
Aluminum Phosphide AKA Fumitoxin, Weevilcide	Rodenticide	Gophers and G.S.	Aluminum phosphide 100%	3 Very low acute toxicity; believed to have no chronic toxicity
Diphacinone Rolled Oats	Rodenticide	Gophers and G.S.	Diphacinone 0.005%	1 Restricted use
PCQ	Rodenticide	Gophers and G.S.	Diphacinone 0.01%	1 Extremely toxic
Dimension	Herbicide	Turf	Dithiopyr 24.0%; Cyclohexanone 13.0%; 2-Ethylhexanol 1.9%; Toluene 0.1%	1 Highly toxic to aquatic organisms on acute basis
			Dithiopyr 12.7%; Heavy aromatic naptha 80.8%; 1,2,4-Trimethylbenzene 4.0%; 1,3,5-Trimethylbenzene 0.5%; Napthalene 0.8%	1 Highly toxic to aquatic organisms on acute basis
			Dithiopyr 40.0%; Porcelain clay 1.4-37.6%; Titanium dioxide 1.0%; Quartz 0.4%; Toluene 0.3%	1 Highly toxic to aquatic organisms on acute basis
Drive XLR8	Herbicide	Turf	Quinclorac 15.95%; 1,2-Ethanediol 49.7%; Dimethylamine 1.0-5.0%	2 Warning
Fusilade II	Herbicide	Grassy Weeds	Fluazifop-P-Butyl 24.5%	1 Danger; 1 Cancer classification
Glyphosate	Herbicide	Weeds	Potassium salt of glyphosate 48.8%	1 Highly toxic to algae/aquatic plants; 3 Caution
Escalade	Herbicide	Turf	Dimethylamine salt of 2,4-Dichlorophenoxyacetic acid 39.53%; 1-Methylheptyl ester of fluroxypyr 5.9%; Dicamba (3,6-Dichloro-o-anisic acid) 4.10%; Other ingredients including petroleum distillates 50.37%	1 Highly toxic to aquatic invertebrates on an acute basis; 1 Cancer classification
Pendulum	Herbicide	Pre emergent	Pendimethalin <2.0%; 2-Pyrrolidinone, 1-methyl-<2.0%; Crystalline silica <10.0%	1 Cancer classification, 1 Very toxic to aquatic life
Turflon	Herbicide	Turf	Triclopyr-2-butoxyethyl ester 61.6%; Kerosene >18.6 <31.0%	1 - Danger; 1- Highly Toxic to aquatic organisms
			Triclopyr-2-butoxyethyl ester 60.5%; Ethylene glycol monobutyl ether 0.5%	3 - Caution
Sedge Hammer	Herbicide	Nutgrass	Halosulfuron methyl 5.0%	3 - Caution
Surflan	Herbicide		Benfluralin 1%; Oryzalin 1%	3 - Caution
Amdro	Insecticide	Fire ants	Hydramethylnon 0.73%	1 - Danger; 2- Toxic to fish
Astro	Insecticide	Beetles	Permethrin 36.8%; 1,1'-Biphenyl, bis(1-methylethyl)- 20-30%; Petroleum distillates, hydrotreated light 10-20%	3 - no toxicity to reproduction
Bifenthrin, Up-Star, Talstar	Insecticide	Bugs	Bifenthrin 0.053%; Dimethyl ether 10-20%; Petroleum distillates, hydrotreated light 1-5%; Prallethrin 0.03%	3 - no toxicity to reproduction
Up-Star			Bifenthrin technical 7.9%; Glycerin <1%	1 - highly toxic to fish; 3 - caution
Imidacloprid, Merit	Insecticide	Bugs	Imidacloprid 75%	3 - not listed for carcinogenicity
Imicide	Insecticide	Bugs	Imidacloprid technical 10.0%	3 - caution; carcinogenicity not listed
Inject-A-Cide B	Insecticide	Bugs	Dicrotophos 82%; Other ingredients includes isopropanol 18%	1 - Danger; toxic to fish and wildlife

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 Tier 2 Moderate concern. At least one criterion in moderate hazard category.
 Tier 3 Lowest concern. No criteria flagged for Tier 1 or Tier 2.

Product Name	Type	Use	Ingredient	Tier Ranking
M-Pede	Insecticide	Bugs	Potassium salts of fatty acids 49.0%; Balance including propylene glycol, potassium hydroxide 51.0%	3 - not known to cause cancer or birth defects
Onyx	Insecticide	Beetles	Bifenthrin 23.4%; 1,1'-Biphenyl, bis(1-methylethyl)-30-40%; Petroleum distillates, hydrotreated light 10-20%; Calcium dodecylbenzene sulfonate 1-5%	1 Danger
Tempo SC Ultra	Insecticide	Bugs	Beta-cyfluthrin 11.80%; 1,2-Propanediol 15.20%	3 Caution
Wasp Freeze	Insecticide	Wasps	d-trans Allethrin 0.129%; Phenothrin 0.12%; Distillates (petroleum), hydrotreated light >10.0%	1 Danger
Cleary 3336	Fungicide		Dimethyl-4-4'-o-phenylenebis-3-thioallophanate 41.25%	1 health 1, DOT & IATA non regulated
Daconil	Fungicide		Chlorothalonil 38.5%; Zinc oxide <6.0%	2 Moderate
			Chlorothalonil 82.5%	2 Moderate
			Chlorothalonil 54.0%	1 Danger
Eagle 20	Fungicide		Myclobutanil 20.0%; Cyclohexanone 10.0%; Solvent naptha (petroleum), heavy aromatic 25.0%; Propylene glycol 6.0%; 1,2,4-Trimethylbenzene 0.4%; Naphthalene 0.3%	2 Harmful
Olive Stop	Fungicide		1-Naphthaleneacetic acid, Ammonium salt 5.68%	1 extreme health hazard, flammable, and toxic
Mefenoxom, Subdue	Fungicide		Mefenoxom 1.0%; n-Methylpyrrolidone <5%	3 Caution
			Mefenoxom 22.0%	2 Moderate

Tier 1 Ranked Products 19
 # Tier 2 Ranked Products 4
 # Tier 3 Ranked Products 11