

### Marin County Parks 2020 Allowed Landscape Pesticides

Line #	Product	Active Ingredient	Type	Signal Word	EPA Reg #	Derivation	On Lists					Primary Use	Use Limitations	Notes
							Organic Certification?	Minimum Risk aka Eco Exempt?	Ground-water	Prop 65	EPA Carcinogenicity			
1	<a href="#">Agri-fos</a>	Phosphorous acid, SF	Fungicide	Caution	71962-1	Synthetic	No	No	No	No	No	Sudden Oak Death (SOD) treatment	To only be used on high value trees in high risk areas that pose a threat if failure occurs. Not for use on wild land trees.	
2	<a href="#">Avenger AG</a>	d-limonene 60%	Herbicide	Caution	82052-4	Natural	Yes	No	No	No	No	Non-selected, post-emergent burndown herbicide used to control weeds, grasses, and broadleaves		This product replaces Green Match
3	<a href="#">Azaguard</a>	Azadirachtin	Insecticide	Caution	70299-17	Natural	Yes	No	No	No	No	Control of indoor and outdoor pests		Acts as a repellent, antifeeding, and inference with molting.
4	<a href="#">Civitas</a>	Mineral oil	Herbicide - should read Fungicide/Insecticide in 2019	Caution	69526-13	Synthetic	Yes	No	No	No	No	Fungicide and Insecticide for turf on golf courses, sports and athletic fields		
5	<a href="#">Companion</a>	Bacillus subtilis	Fungicide	Caution	71065-3	Natural	Yes	No	No	No	No	To improve health and vigor of turf grass at the golf course		Used on a regular basis to reduce the need for more toxic approaches to disease control
6	<a href="#">Competitor</a>	Ethyl oleate	Surfactant	Caution	CA 2935-50173	Natural	No	No	No	No	No	Used as a surfactant		This is a non-chemical product not regulated by the EPA
7	<a href="#">Dipel Pro DF</a>	Bacillus thuringiensis	Insecticide	Caution	73049-39	Natural	Yes	No	No	No	No	Used on golf course and sports turf to control sod web worms		Grubs also attract crows and skunks which in turn tear up the turf while looking for tasty morsels
8	<a href="#">Envoy Plus</a>	Clethodim	Herbicide	Caution	59639-132	Synthetic	No	No	No	No	No	Used in areas where Goat grass has been difficult to eradicate		
9	<a href="#">Liberate</a>	Lecithin, alcohol ethoxylate	Surfactant	Caution	CA 34704-50030-AA	Natural	No	No	No	No	No	Use with Aquamaster and other materials needing a surfactant		
10	<a href="#">Pentra-bark</a>	Polyethylene glycol, SF	Surfactant	Caution	CA 83416-50001-AA	Synthetic	No	No	No	No	No	Surfactant for Agri-fos, used in combination for SOD treatment	To only be used on high value trees in high risk areas that pose a threat if failure occurs. Not for use on wild land trees.	
11	<a href="#">Garlon 4 Ultra</a>	Triclopyr, SF	Herbicide	Caution	62719-527	Synthetic	No	No	Possible	No	Group "D" not classified as carcinogenic	Woody weeds	Very limited use when glyphosate is not effective.	Keep out of waterways
12	<a href="#">Habitat</a>	Imazapyr	Herbicide	Caution	241-426-A	Synthetic	No	No	Probable	No	No	Needed as part of the Bay area wide Spartina project. Also for use in cut stump applications for invasive woody species (Tree of Heaven and Mayten trees).		Evidence of non-carcinogenicity
11	<a href="#">PT Wasp Freeze II</a>	Prallethrin	Insecticide	Caution	499-550	Synthetic	No	No	No	No	No	Emergency wasp nest destruction for spray treatment of in ground or aerial wasp nest posing significant hazard to public		Four day pre-notice does not apply EU Endocrine Disruptor
12	<a href="#">Reliant</a>	Phosphoric acid	Fungicide - SOD	Caution	83416	Synthetic	No	No	No	No	No			Similar fungicide to Agri-fos but manufactured by a different company
13	<a href="#">Safari 20 SG</a>	Dinotefuran	Insecticide	Caution	33657-16-59639	Synthetic	No	No	No	No	No	or use on insect populations when natural predators, OMRI or neem oil based products have not been successful		Foliar and systemic insect control in ornamental plants
14	<a href="#">Sluggo</a>	Iron phosphate SF, EW, OW	Molluscicide	Caution	67702-3	Synthetic	Yes	No	No	No	No	Used as nail and slug bait for landscapes		
15	<a href="#">Specticle FLO</a>	indaziflam	Herbicide	None	432-1518	Synthetic	No	No	No	No	No	Used for the control of annual grasses, sedges, and broadleaf weeds		Pre-emergent herbicide Less toxic alternative to Gallery
16	<a href="#">Tri Tek</a>	Unsulfonated residue of mineral oil	Insecticide	Caution	48813-1	Natural	Yes	No	No	No	No	Used to control mite and insect pests in the egg stages, including spider mites, armored scale, soft scale, mealy bugs, psyllids, whiteflies, and aphids		
17	<a href="#">Agro Gold WS</a>	Bacillus megaterium	Herbicide	None	Eco-Exempt (FIFRA 25b)	Natural	Yes: WSDA Certified Organic	Yes	No	No	No	Used for the control of annual grasses, sedges, and broadleaf weeds		
18	<a href="#">Weed Slayer</a>	Eugenol, Water Molasses	Herbicide	None	Eco-Exempt (FIFRA 25b)	Natural	Yes: WSDA Certified Organic	Yes	No	No	No	Used for the control of annual grasses, sedges, and broadleaf weeds		
19	<a href="#">Essentria Wasp and Homet Spray</a>	1.50% Peppermint oil, 0.15% Sodium lauryl sulfate	Insecticide	Caution	Eco-Exempt (FIFRA 25b)	Synthetic	No	Yes	No	No	No	Emergency wasp nest destruction for spray treatment of in ground or aerial wasp nest posing significant hazard to public		

### Marin County Parks 2019 Special Use Landscape Pesticides

Line #	Product	Active Ingredient	Type	Signal Word	EPA Reg #	Derivation	On Lists					Primary Use	Use Limitations	Notes
							Organic Certification?	Minimum Risk aka Eco Exempt?	Ground-water	Prop 65	EPA Carcinogenicity			
21	<a href="#">Suppress</a>	Caprylic acid, capric acid	Herbicide	Warning	51517-9	Synthetic	Yes	No	No	No	No	Non-selective, post emergent foliar applied burndown for weeds and grasses		
18	<a href="#">Safer Soap</a>	Potassium salts of fatty acids, ethyl alcohol, SF, OW	Insecticide	Warning	42697-59	Natural	Yes	No	No	No	No	Civic Center Atrium and certain landscape plants		Concentrated form
	<a href="#">Finalsan-Q</a>	Ammoniated soap of fatty acids	Herbicide	Warning	67702-34-70051	Natural	Yes	No	No	No	No	Non-selective foliar applied for weed, grass, algae and moss		
9	<a href="#">Finalsan</a>	Ammoniated soap of fatty acids	Herbicide	Warning	67702-8	Natural	Yes	No	No	No	No	Non-selective foliar applied for weed, grass, algae and moss		A potential alternative to glyphosate; potential to cause ocular injury to applicators
4	<a href="#">Drione</a>	Pyrethrin and piperonyl butoxide	Insecticide	Caution	432-992	Synthetic	No	No	No	No	Possible	For treatment of wasp nest posing significant hazard to public	Emergency wasp nest destruction; very limited use when WaspFreeze is ineffective	
5	<a href="#">Fusilade II</a>	Fluazifop-P-butyl	Herbicide	Caution	100-1084	Synthetic	No	No	No	Yes	No	Used to reduce Bermuda grass in landscapes with high value plantings; also used in areas where Goat grass has been difficult to eradicate		
6	<a href="#">Heritage</a>	Azoxystrobin	Fungicide	Caution	100-1093	Synthetic	No	No	No	No	No	Used for control of anthracnose, brown patch, Fusarium patch, gray snow mold, and Phythium blight at McInnis GC		Special use due to aquatic toxicity

### Marin County Parks 2020 Exemption Required Landscape Pesticides

Line #	Product (Trade Name)	Active Ingredient	Type	Signal Word	EPA Reg #	Derivation	On Lists	Primary Use	Use Limitations	Notes
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Line #	Product	Active Ingredient	Type	Signal	EPA Reg #	Derivation	On Lists					Primary Use	Use Limitations	Notes
							Organic Certification? OMRI	Minimum Risk aka Eco Exempt?	Ground-water	Prop 65	EPA Carcinogenicity			
1	<a href="#">Acelepryn-G</a>	Chlorantraniliprole	Insecticide	None	100-1500	Synthetic	No	No	No	No	No	Systemic control of white grubs and other turf grass beetles in turf and ornamentals		
2	<a href="#">Affirm WDG</a>	Polyoxin-D zinc salt	Fungicide	Caution	68173-3-1001	Synthetic	No	No	No	No	No	Used in controlling or suppressing certain diseases in turf, and warm season grasses at Melniss golf courses		
3	<a href="#">Banner Maxx-II</a>	Propiconazole	Fungicide	Caution	100-1326	Synthetic	No	No	No	No	Possible	Used for disease management on the golf course		A systemic fungicide that is part of a comprehensive turf management program, while transitioning to a more focused IPM program
7	<a href="#">Turflon Ester</a>	Triclopyr	Herbicide	Caution	62719-566	Synthetic	No	No	Concerns	No	No	Turf area weeds		Very limited use for turf renovation; field must be closed to public use during application and renovation

Key: Removed from List Updates Made Product Added