

Pesticide Registrations in Oregon Strawberries – May 1, 2011

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This document is just a guide and not intended as a recommendation or endorsement of the pesticides listed within. Pesticide registrations and labels are subject to change. Consult with your supplier, field representative, pest consultant or OSU Extension Service prior to pesticide use.

Fungicides

Name	Alternative Name	Pest Controlled (as listed on the label)	Label*	PHI ^a (days)	REI ^b (hrs)	FRAC ^c
Abound & Quadris	Azoxystrobin	Botrytis fruit rot, powdery mildew,	F	0	4	11
Aliette	Fosetyl-al	Red stele root rot	F	0	12	33
Cabrio	Pyraclostrobin	Botrytis fruit rot, leaf spot, powdery mildew	F	0	24	11
Captan		Botrytis fruit rot	F	0	24hrs	M4
Captevate	Captan + fenhexamid	Botrytis fruit rot	F	0	24	M4+17
Coppers	Kocide, Champ , etc.	Anthraco-nose, leaf spot	F	None listed	Varies; check label	M1
Elevate	Fenhexamid	Botrytis fruit rot	F	0	12	17
Evito	Fluoxastrobin	Anthraco-nose, powdery mildew	S	1	12	11
Flint	Trifloxystrobin	Powdery mildew	F	0	12	11
Fosphite, Phostrol	Phosphorous acid	Fruit rot, powdery mildew, red stele, root rot	F		4	33
Oil	BioCover; Sun; JMS	Powdery mildew, mite	F	delayed dormant or postharvest	4	?
Orbit/Tilt	Propiconazole	Leaf spot, powdery mildew	F	0	24	3
PH-D	Polyoxin-D	Anthraco-nose leaf and fruit rot, powdery mildew. Botrytis fruit rot	F	0	4	19
Potassium bicarb.	Kaligreen, Milstop	Botrytis fruit rot, leaf spot, powdery mildew	F	1	4	?
Procure	Triflumizole	Powdery mildew	F	1	12	3
Pristine	Boscalid+pyraclostrobin	Botrytis fruit rot, leaf spot, powdery mildew	F	0	24	7+11
Quintec	Quinoxifen	Powdery mildew	S	1	12	13
Rally	Myclobutanil	Leaf spot, powdery mildew	F	0	24	3
Ridomil Gold	Mefenoxam	Root Rot	F	30	48	4
Rovral, Iprodione	Iprodione	Botrytis fruit rot, leaf spot,	F	Pre-bloom	24	2
Scala	Pyrimethanil	Botrytis fruit rot	F	1	12	9
Serenade	<i>Bacillus subtilis</i>	Powdery mildew, anthracnose, and Botrytis	F	0	4	?
Sulfur	Microthiol	Powdery and Downy mildews, leaf spot & insects	F	None listed	24	M2
Syllit	Dodine	Leaf scorch, leaf spot	F	14	48	M7
Switch	Cyprodinil+fludioxonil	Botrytis fruit rot, powdery mildew	F	0	12	9+12
Thiram	Thiram	Botrytis fruit rot	F	3	24	M3
Topsin-M	Thiophanate methyl	Botrytis fruit rot, leaf scorch, powdery mildew	F	1	12	1

Insecticides/Miticides

Name	Alternative Name	Pests Controlled (as listed on the label)	Label*	PHI ^a (days)	REI ^b (hrs)	IRAC ^d
Acramite	Bifenazate	Twospotted spider mite	F	1	12	25
Actara	Thiamethoxam	Aphids, root weevil	F	3	12	4A
Admire Pro	Imidacloprid	Aphids	F	14	12	4A
Agri-Mek	Abamectin	Twospotted spider mite	F	3	12	6
Assail	Acetamiprid	Aphids	F	1	12	4A
<i>Beauveria bassiana</i>	Mycotrol	Aphid, stinkbug, and other insects	F	0	12	?
Brigade	Bifenthrin	Leafroller, twospotted spider mite, root weevil	F	0	12	3A
Bt	DiPel, Javelin	Leafroller, omnivorous leaftier	F	0	4	11B2
Coragen	Chlorantraniliprole	Armyworm, loopers	F	1	4	28
Cryolite Bait	Cryolite	Root weevils	S	3	12	9A
Danitol	Fenpropathrin	Lygus bug, twospotted spider mite, spittlebug	F	2	24	3A
Diazinon		Aphid, leafroller, and other insects	F	5	3	1B
Dibrom	Naled	Aphid, leafroller, twospotted spider mite, thrips	F	1	48	1B
Esteem	Pyriproxyfen	Leafrollers and other insects	S	2	12	7C
Fujimite	Fenpyroximate	Two spotted spider mite; cyclamen mite	S	1	12	21A
Intrepid	Methoxyfenozide	Leafrollers	F	3	4	18A
Kanemite	Acequinocyl	Twospotted spider mite	F	1	12	20B
Kelthane, Dicofol	Dicofol	Twospotted spider mite; cyclamen mite	F	Dicofol = 2 Kelthane = 3	Dicofol = 31 days Kelthane = 48 hr	?
Lorsban	Chlorpyrifos	Crown moth, symphytan	F	21	24	1B
Malathion	Malathion	Aphid, leafroller, root weevil and other insects	F	3	12	1B
Neem	AzaDirect, Neemix	Aphid, leafroller and other insects and mites	F	0	4	18B
Oberon	Spiromesifen	Twospotted spider mite	F	3	12	23
Platinum	Thiamethoxam	Aphid, root weevil	F	50	12	4A
Provado	Imidacloprid	Aphid, spittlebug	F	7	12	4A
Pyganic	Pyrethrin	Aphid, leafroller, other insects and mites	F	0	12	3A
Pyrellin	Rotenone + Pyrethrin	Aphid, leafroller, other insects and mites	F	12 hours	12	21B + 3A
Radiant	Spinetoram	Leafroller, thrips	F	1	4	5
Rimon	Novaluron	Lygus bug	F	1	12	15
Savey	Hexythiozox	Twospotted spider mite	F	3	12	10A
Sevin	Carbaryl	Aphid, leafroller, and other insects	F	7	12	1A
Soaps	Safer, M-Pede	Aphid, twospotted spider mite & diseases	F	0	12	?
Success, Entrust	Spinosad	Leafroller, thrips	F	1	4	5
Thiodan, Thionex	Endosulfan	Aphid, twospotted spider mite, spittlebug	F	4	Thiodan = 2 days Thionex = 5 days	2A
Vendex	Fenbutatin-Oxide	Twospotted spider mite	F	1	48	12B
Zeal	Etoxazole	Lygus bug, spittlebug, twospotted spider mites	F	1	12	10B

Herbicides

Name	Alternative Name	Pest Controlled; Herbicide Type	Label*	PHI ^a (days)	REI ^b (hrs)	HRG ^e
2,4-D amine	Saber	Broadleaf weeds; post-emergence	F	dormant	48	4
Aim	Carfentrazone-ethyl	Broadleaf weeds; post-emergence	F	0	12	14
Chateau	Flumioxazin	Broadleaf weeds and grasses; pre-emergence	S	Prior to fruit set	12	14
Cobra	Lactofen	Broadleaf weeds; pre-emergence at planting	N, S	365	12	14
Dacthal	DCPA	Broadleaf and grass weeds; pre-emergence	F	Use pre-bloom	12	?
Devrinol	Napropamide	Broadleaf weeds and grasses; pre-emergence	F	Spring/Fall use	12	15
Fusilade	Fluazifop	Grass weeds; post-emergence	N	365	12	1
Gramoxone	Paraquat	Broadleaf weeds and grass; post-emergence	F	21	24	22
Poast	Sethoxydim	Grass weeds; post-emergence	F	7	12	1
Prowl	Pendimethalin	Broadleaf weeds and grasses; pre-emergence	F	35	24	3
Scythe	Pelargonic acid	Total vegetation control, weeds	F	1	24	?
Select	Clethodim	Grass weeds; post-emergence	F	4	24	1
Simazine	Princep	Broadleaf weeds and grasses; pre-emergence	F	Spring/Fall use	12	5
Sinbar	Terbacil	Broadleaf weeds and grasses; pre-emergence	F	Spring/Fall use	12	5
Spartan	Sulfentrazone	Broadleaf weeds and grasses; pre-emergence	F	None listed (assume 70)	12	14
Stinger	Clopyralid	Broadleaf weeds; post-emergence	S	30	12	4
Vinegar (Weed Pharm)	Acetic Acid	Broadleaf weeds and grasses; post-emergence	F	0	48	?

Other

Name	Alternative Name	Pest Controlled (as listed on the label)	Label*	PHI ^a (days)	REI ^b (hrs)	
Deadline, others	Metaldehyde	Slugs	F	0	12	
Sluggo	Iron Phosphate	Slugs	F	0	0	

Legend:

* **F** = Federal Label, **S** = State or Supplemental Label, **N** = Non-bearing crop only; **Bold Type** indicates approved for organic production

^a **PHI**: The preharvest interval (PHI) is the amount of time that must elapse between the last application of a pesticide and harvest of the crop. PHI (usually days) is found on the label in the use directions for each crop that is listed on the label.

^b **REI**: All pesticide products have a prescribed-time restricted entry interval (REI) for worker protection. REI is clearly stated in the Agricultural Use Requirements section on the label. Generally, entry into treated areas during the prescribed time (usually hours) REI is not allowed unless Personal Protective Equipment (PPE) is worn or used.

^c **FRAC**: Fungicide Resistance Action Committee Code Number. Fungicides with the same number should not be used consecutively, as they are similar in chemistry and/or mode of action and doing so may increase the risk of resistance.

^d **IRAC**: Insecticide (and Miticide) Resistance Action Committee Code Number. Insecticides/ Miticides with the same number should not be used consecutively, as they are similar in chemistry and/or mode of action and doing so may increase the risk of resistance.

^e **HRG**: Herbicide Rotation Guide (from the Weed Science Society of America). To avoid selecting for herbicide-resistant weeds, do not use herbicides from the same group more than once within three years. Rather, rotate to a different group every year of the production system.