

Pesticide Registrations in Oregon Strawberries – September 15, 2016
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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)	PHI ^a (days)	REI ^b (hrs)	FRAC ^c
Abound	Azoxystrobin	Botrytis fruit rot (suppression only), powdery mildew,	0	4	11
Actigard	Acibenzolar	Xanthomonas (might help with other bacterial and fungal diseases)	0	12	21
Actinovate AG	Streptomyces lydicus	Alternaria, anthrac., Botrytis, powdery mildew, root rot	0	1	?
Aliette	Fosetyl-al	Red stele root rot	0	12	33
Cabrio	Pyraclostrobin	Botrytis fruit rot, leaf spot, powdery mildew	0	24	11
Captan	Captan, others	Botrytis fruit rot	0	24	M4
Captevate	Captan + fenhexamid	Botrytis fruit rot	0	24	M4+17
Champ, Kocide, etc.	Copper	Anthracnose, leaf spot	None listed	Check label	M1
Elevate	Fenhexamid	Botrytis fruit rot	0	12	17
Evito	Fluoxastrobin	Anthracnose, powdery mildew	1	12	11
Flint	Trifloxystrobin	Powdery mildew	0	12	11
Fontelis	Penthiopyrad	Botrytis fruit rot, powdery mildew	0	12	7
Fosphite, Phostrol	Phosphorous acid	Fruit rot, powdery mildew, red stele, root rot	None listed	4	33
Inspire Super	Difenconazole+cyprodinil	Anthracnose, fruit rot, leaf spot, powdery mildew	0	12	3 + 9
Kaligreen, Milstop	Potassium bicarbonate	Botrytis fruit rot, leaf spot, powdery mildew	1	4	?
Kenja	Isofetamid	Botrytis fruit rot, powdery mildew, anthracnose,	0	12	7
Luna Tranquility	Fluopyram + pyrimethanil	Botrytis fruit rot, powdery mildew	1	12	7 + 9
Merivon	Fluxapyroxad+pyraclastrobin	Leaf spot, powdery mildew, anthracnose, Botrytis	0	12	7+11
Mettle	Tetraconazole	Powdery mildew	0	12	3
Oil	BioCover; Sun; JMS	Powdery mildew, mite	Delay dormant or Postharv	4	?
Orbit/Tilt	Propiconazole	Leaf spot, powdery mildew	0	24	3
Oso, Ph-D, Tavano	Polyoxin-D	Anthracnose leaf & fruit rot, powdery mildew. Botrytis fruit rot	0	4	19
Pristine	Boscalid+pyraclostrobin	Botrytis fruit rot, leaf spot, powdery mildew	0	24	7+11
Procure	Triflumizole	Powdery mildew	1	12	3
Protexio	Fenpyrazamine	Botrytis fruit rot	0	12	17
Quadris Top	Azoxystrobin+difenconazole	Anthracnose, leaf rust, leaf spot, powdery mildew	0	12	11 + 3
Quilt Xcel	Azoxystrobin+propiconazole	Anthracnose, leaf rust, leaf spot, powdery mildew	0	12	11 + 3
Quintec	Quinoxifen	Powdery mildew	1	12	13
Rally	Myclobutanil	Leaf spot, powdery mildew	0	24	3
Ridomil Gold	Mefenoxam	Root Rot	0	48	4
Rovral, Meteor	Iprodione	Botrytis fruit rot, leaf spot	Pre-bloom	24	2
Scala	Pyrimethanil	Botrytis fruit rot	1	12	9
Serenade	Bacillus subtilis	Powdery mildew, anthracnose, and Botrytis	0	4	?
Sulfur	Microthiol , others	Powdery and Downy mildews, leaf spot & insects	None listed	24	M2
Syllit	Dodine	Leaf scorch, leaf spot	14	48	M7
Switch	Cyprodinil+fludioxonil	Botrytis fruit rot, powdery mildew	0	12	9+12
Thiram	Thiram	Botrytis fruit rot	3	24	M3
Topguard EQ	Flutriafol + azoxystrobin	Powdery mildew, anthracnose, leather rot	0	12	3 + 11
Topsin-M	Thiophanate methyl	Botrytis fruit rot, leaf scorch, powdery mildew	1	12	1
Torino	Cyflufenamid	Powdery mildew	0	4	U6

Insecticides/Miticides

Name	Alternative Name	Pests Controlled (as listed on the label)	PHI ^a (days)	REI ^b (hrs)	IRAC ^d
Acramite WS	Bifenazate	Twospotted spider mite	1	12	25
Actara	Thiamethoxam	Aphids, root weevil	3	12	4A
Admire Pro	Imidacloprid	Aphids	14	12	4A
Agri-Mek	Abamectin	Twospotted spider mite	3	12	6
Assail	Acetamiprid	Aphids	1	12	4A
Beauveria bassiana	Mycotrol, others	Aphid, stinkbug, and other insects	0	12	?
Beleaf	Flonicamid	Aphid, lygus, leafhopper, and other plant bugs	0	12	9C
Belt	Flubendiamide	Leafroller, armyworm, cutworm	8	12	28
Brigade	Bifenthrin	Leafroller, 2-spotted spider mite, root weevil, SWD	0	12	3A
DiPel, Javelin	Bt	Leafroller, omnivorous leaf-tier	0	4	11B2
Closer	Sulfoxaflor	Plant bugs, Lygus bug, thrips (suppression)	1	12	4C
Coragen	Chlorantraniliprole	Armyworm, loopers	1	4	28
Courier	Buprofezin	Leafhoppers, whiteflies	3	12	16
Cryolite Bait	Sodium aluminoflouride	Root weevils	3	12	9A
Danitol	Fenpropathrin	Lygus bug, 2-spotted spider mite, spittlebug, SWD	2	24	3A
Diazinon	Several brands	Aphid, leafroller, and other insects	5	3 days	1B
Dibrom	Naled	Aphid, leafroller, twospotted spider mite, thrips	1	48	1B
Dicofol	Dicofol	Twospotted spider mite; cyclamen mite	2	31 days	?
Esteem 0.86EC	Pyriproxyfen	Aphids, leafrollers, thrips, and other insects	2	12	7C
Fujimite	Fenpyroximate	Two spotted spider mite; cyclamen mite	1	12	21A
Intrepid	Methoxyfenozide	Leafrollers	3	4	18A
Kanemite	Acequinocyl	Twospotted spider mite	1	12	20B
Lorsban	Chlorpyrifos	Crown moth, symphylan	21	24	1B
Malathion	Malathion	Aphid, leafroller, root weevil and other insects	3	12	1B
AzaDirect, Neemix	Neem	Aphid, leafroller and other insects and mites	0	4	18B
Nealta	Cyflumetofen	Twospotted spider mite	1	12	25
Oberon	Spiromesifen	Twospotted spider mite	3	12	23
Platinum	Thiamethoxam	Aphid, root weevil	50	12	4A
Provado	Imidacloprid	Aphid, spittlebug	7	12	4A
Pyganic	Pyrethrin	Aphid, leafroller, other insects and mites	0	12	3A
Radiant	Spinetoram	Leafroller, thrips, SWD	1	4	5
Rimon	Novaluron	Lygus bug	1	12	15
Safer, M-Pede	Soap	Aphid, twospotted spider mite & diseases	0	12	?
Savey	Hexythiozox	Twospotted spider mite	3	12	10A
Sevin	Carbaryl	Aphid, leafroller, and other insects	7	12	1A
Sivanto	Flupyradifurone	Aphid	0	4	4D
Success, Entrust	Spinosad	Leafroller, thrips, SWD	1	4	5
Thiodan, Thionex	Endosulfan	Aphid, cyclamen mite, lygus bug, spittlebug	See label	See label	2A
Vendex	Fenbutatin-Oxide	Twospotted spider mite	1	48	12B
Zeal	Etoxazole	Lygus bug, spittlebug, twospotted spider mites	1	12	10B

Herbicides

Name	Alternative Name	Pest Controlled; Herbicide Type	PHI ^a (days)	REI ^b (hrs)	HRG ^e
Aim	Carfentrazone-ethyl	Broadleaf weeds; post-emergence	0	12	14
Chateau, Warfox	Flumioxazin	Broadleaf weeds and grasses; pre-emergence	Prior to fruit set	12	14
Dacthal	DCPA	Broadleaf and grass weeds; pre-emergence	Pre-bloom	12	?
Devrinol	Napropamide	Broadleaf weeds and grasses; pre-emergence	Spring/Fall use	12	15
Formula 40	2,4-D amine	Broadleaf weeds; post-emergence	Dormant	48	4
Fusilade	Fluazifop	Grass weeds; post-emergence	365	12	1
Gramoxone	Paraquat	Broadleaf weeds and grass; post-emergence	21	24	22
Poast	Sethoxydim	Grass weeds; post-emergence	7	12	1
Prowl	Pendimethalin	Broadleaf weeds and grasses; pre-emergence	35	24	3
Roundup & others	Glyphosate	Broadleaf weeds and grasses; post-emergence	3	4	9
Scythe	Pelargonic acid	Total vegetation control, weeds	1	24	?
Select Max, others	Clethodim	Grass weeds; post-emergence	4	24	1
Simazine	Princep	Broadleaf weeds and grasses; pre-emergence	Spring/Fall use	12	5
Sinbar	Terbacil	Broadleaf weeds and grasses; pre-emergence	Spring/Fall use	12	5
Spartan	Sulfentrazone	Broadleaf weeds and grasses; pre-emergence	70	12	14
Stinger	Clopyralid	Broadleaf weeds; post-emergence	30	12	4
Vinegar (Weed Pharm)	Acetic Acid	Broadleaf weeds and grasses; post-emergence	0	48	?

Other

Name	Alternative Name	Pest Controlled (as listed on the label)	PHI ^a (days)	REI ^b (hrs)
Deadline, others	Metaldehyde	Slugs	None listed	12
Nimitz	Fluensulfone	Nematodes	See label	?
Sluggo	Iron Phosphate	Slugs	0	0

Legend:

^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.

Bold Type indicates approved for organic production.