

2021–2022 Florida Citrus Production Guide: Pesticides Registered for Use on Florida Citrus¹

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The following are lists of products that are registered for use on citrus, regardless of whether or not they are recommended for use. In cases where there are many similar products, such as copper fungicides, sulfurs, or petroleum oils, separate tables have been set up for each. All other products are listed in Table 4 and grouped according to use: (1) insecticides, acaricides, and nematocides, (2) fungicides, (3) herbicides, and (4) other products such as plant growth regulators and fumigants.

READ THE LABEL.

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Table 1. Copper fungicides registered for citrus and the diseases for which they have been evaluated.

Trade Name	Common Name	Cu (%) ¹	EPA Reg. No.	Evaluated for: ²				
				Melanose	Greasy Spot	Alternaria	Scab	Canker
Americop 40 DF	copper hydroxide	40	35484-4	X	X	ND	ND	X
Badge SC	copper oxychloride + copper hydroxide	20	80289-3-10163	X	X	X	ND	X
Badge X ₂	copper oxychloride + copper hydroxide	28.2	80289-12-10163	ND	ND	ND	ND	X
Basic Copper 50W HB	basic copper sulfate	50	42750-168	ND	ND	ND	ND	ND
Basic Copper 53	basic copper sulfate	53	45002-8	ND	ND	ND	ND	ND
Champ DP	copper hydroxide	37.5	55146-57	X	X	X	X	X
Champ Formula 2 Flowable	copper hydroxide	24.4	55146-64	X	X	ND	X	ND
Champ WG	copper hydroxide	50	55146-1	X	ND	ND	ND	X
ChampION++	copper hydroxide	30	55146-115	ND	ND	ND	ND	ND
COC DF	copper oxychloride	50	45002-17	ND	ND	ND	ND	ND
COC WP	copper oxychloride	50	45002-17	ND	ND	ND	ND	X
C-O-C-S WDG	copper oxychloride + basic copper sulfate	51.25	34704-326	ND	ND	ND	ND	ND
Copper-Count-N	copper diammonia diacetate complex	8	10465-3	X	ND	X	ND	ND
Copper Sulfate Crystals	copper sulfate pentahydrate	25.1	56576-1	ND	ND	ND	ND	ND
Cueva	copper octanoate	1.8	67702-2-70051	ND	ND	ND	ND	ND
Cuprofix Ultra 40 Disperss	basic copper sulfate	40	70506-201	X	X	ND	ND	X
Cuproxtat FL	basic copper sulfate	15.2	55146-151	ND	ND	ND	ND	ND
Cuproxtat Flowable	basic copper sulfate	15.2	35935-3	ND	ND	ND	ND	ND
Instill	copper sulfate pentahydrate	5.4	49538-5-92632	ND	ND	ND	ND	ND
Kalmor	copper hydroxide	30	91411-11-59807	ND	ND	ND	ND	ND
Kentan DF	copper hydroxide	40	80289-2	X	ND	X	ND	X
Kocide 2000-O	copper hydroxide	35	91411-10-70051	X	X	X	X	X
Kocide 3000-O	copper hydroxide	30	91411-11-70051	X	X	X	X	X
Kocide HCu	copper hydroxide	50.1	91411-12-70051	ND	ND	ND	ND	ND
KOP-Hydroxide	copper hydroxide	24.4	19713-301	ND	ND	ND	ND	ND
KOP-Hydroxide 5	copper sulfate pentahydrate	5	19713-695	ND	ND	ND	ND	ND
KOP-Hydroxide 50W	copper hydroxide	50	19713-321	ND	ND	ND	ND	ND
Magna-Bon CS 2005	copper sulfate pentahydrate	5.0	66675-3	ND	ND	ND	ND	X
MasterCop	copper sulfate pentahydrate	5.4	55272-18-66222	ND	ND	ND	ND	X*
Nordox 30/30 WG	cuprous oxide	30	48142-7	ND	ND	ND	ND	X
Nordox 75 WG	cuprous oxide	75	48142-4	ND	ND	ND	ND	X
Nu-Cop 3L	copper hydroxide	24.4	42750-75	ND	ND	ND	ND	ND
Nu-Cop HB	copper hydroxide	50	42750-132	X	X	ND	ND	ND
Nu-Cop 30 HB	copper hydroxide	30	42750-281	ND	ND	ND	ND	ND
Nu-Cop 50 DF	copper hydroxide	50	45002-4	ND	ND	X	ND	ND
Nu-Cop 50 WP	copper hydroxide	50	45002-7	ND	ND	ND	ND	X

Trade Name	Common Name	Cu (%) ¹	EPA Reg. No.	Evaluated for: ²				
				Melanose	Greasy Spot	Alternaria	Scab	Canker
Previsto	copper hydroxide	3.3	10163-330	ND	ND	ND	ND	ND
Quimag Copper Sulfate Crystals	copper sulfate pentahydrate	25.2	73385-1	ND	ND	ND	ND	ND
Top-Cop with Sulfur	tribasic copper sulfate + sulfur	4.7	57538-6	ND	ND	ND	ND	ND

¹ Percentage of metallic copper.
² X —Products indicated have been evaluated and have provided adequate control of the disease in question; ND—No data. Most of the products would be expected to provide adequate disease control.
³ Do not apply with oil because of phytotoxicity risk.
*Additional season of trials underway to confirm provided results

Table 2. Sulfur products registered for use on citrus and spectrum of activity against pest mites on citrus in Florida.

Trade Name and Formulation	Common Name	% Sulfur	EPA Reg. No.	Registered ¹ for Use on		Efficacy ²	
				Citrus Rust Mite	Broad Mite	Citrus Rust Mite	Broad Mite
Citrusperse Sulfur	sulfur	90%	5905-350	X	–	ID	ID
Cosavet DF	sulfur	80%	70905-1	X	–	ID	ID
Dusting Sulfur	sulfur	98%	2935-48	X	–	ID	ID
Golden Micronized Sulfur	sulfur	92%	2935-407	X	-	ID	ID
Kumulus DF	sulfur	80%	51036-352-66330	X	X	+	+
Liquid Sulfur Six	sulfur	52%	5905-437	X	–	ID	ID
Microfine Sulfur	sulfur	90%	6325-13-34704	X	–	ID	ID
Micro Sulf	(micronized) sulfur	80%	55146-75	X	X	ID	ID
Microthiol Disperss	(micronized) sulfur	80%	70506-187	X	X	+	+
Sulfur 80 WDG	sulfur	80%	19713-674	X	X	ID	ID
Sulfur Dry Flowable	sulfur	80%	62562-4-2935	X	X	ID	ID
Super Six	sulfur	52%	65343-1	X	–	ID	ID
Thiolux	(micronized) sulfur	80%	100-835	X	–	ID	ID
Thiolux Jet	(micronized) sulfur	80%	100-1138	X	–	ID	ID
Thiosperse 80% (CSC)	(micronized) sulfur	80%	55429-4	X	–	ID	ID
Yellow Jacket Wettable Sulfur	sulfur	90%	6325-13	X	–	ID	ID

¹ X indicates product registered for control of citrus rust or broad mites; – = not registered.
² + indicates product is effective; ID indicates incomplete data available; sulfurs are generally effective for false spider mites and ineffective for spider mites, while efficacy data on pink citrus rust mites are incomplete.

Table 3. Spray oils registered for use on Florida citrus.

Company	Trade Name	Midpoint Boiling Range	EPA No. ¹	Efficacy ²	
				Greasy Spot	Citrus Rust Mite
Brandt	TresOil	435°F	48813-1	ID	ID
BVA	Spray 10	412°F	55206-1	ID	ID
BVA	Spray 13	435°F	55206-2	+	+
BVA	Spray 15	455°F	55206-3	+	+
BVA	Spray 22	471°F ³	55206-4	ID	ID
Calumet	Orchex 692	412.7°F	75652-2	ID	ID
Calumet	Orchex 796	436°F	75652-1	+	+
Diamond R	435 Soluble Oil	435°F	35276-1	ID	ID
Drexel	435 Oil 98.8	435°F	19713-394	ID	ID
Drexel	455 Oil 98.8	455°F	19713-396	ID	ID
Helena Chemical	Sol-Oil 97	435°F	5905-294	ID	+
Helena Chemical	Mite-E-Oil	435°F	5905-302	+	+
Loveland Products	BioCover UL	415°F	34704-806	ID	+
Loveland Products	BioCover MLT	435°F	34704-805	+	+
Loveland Products	BioCover LS	455°F	34704-808	+	+
Loveland Products	BioCover SS	470°F ³	34704-809	+	+
Loveland Products	Glacial Spray Fluid	435°F	34704-849	ID	ID
Petro-Canada	PureSpray Green	435°F	69526-9	ID	ID
Petro-Canada	PureSpray spray oil 10E	408°F	69526-5	ID	ID
Wilbur-Ellis	440 Superior Spray Oil	440°F	2935-546	ID	ID

¹ Most oils are registered for use against citrus rust mite, greasy spot, spider mites, scale insects, whitefly, and other homopterans, and for removal of sooty mold.

² + = effective; – = not effective; ID = incomplete data; Orchex 796 has been found to control pink citrus rust mite without harm to beneficial mites; others have not been tested.

³ 470 weight oils have not been evaluated for their effects on fruit coloring or ripening and are more likely to be phytotoxic than lighter oils.

Table 4. Pesticides registered for use on Florida citrus—insecticides, acaricides, and nematicides.

Trade Name or Generic Name	Common Name (IRAC MOA) ⁹	EPA Registration Number ¹	Tolerance Fruit (ppm)	Days to Harvest	Field Posting Required ²	REI Hr	EPCRA ³		
							TPQ (lb a.i.) ⁴		RQ (lb a.i.) ⁵
							1	2	
Abamectin Products	Abamectin (6)		0.02	7	No	12	-	10,000	-
Abacus		83100-4-83979							
Abamectin E-AG 0.15 EC		79676-58							
Abamex		228-734							
ABBA 0.15		66222-191							
ABBA 0.15EC		66222-139							
ABBA Ultra		66222-226							
Abba Ultra		5481-621							
Other Use Requirements: RESTRICTED PESTICIDE. ⁷ Toxic to fish, mammals, and aquatic organisms. Highly toxic to honeybees. ⁶ Limit of 3 applications of abamectin per growing season. Do not apply more than 40 fl oz/ac (0.047 lb a.i./ac) of any abamectin product in a growing season.									
Acephthrin	Acephate (1B) Bifenthrin (3A)	70506-339	Nonbearing	NA	NO	24			
Other Use Requirements: Do not harvest citrus for one year after treatment. Spray with 100–200 gallons of water per acre.									
Acephate products	Acephate (1B)		Nonbearing	12 months	NO	24		10,000	
Acephate 75		70506-1-55467					-		-
Acephate 75 WSP		70506-1							
Acephate 90 SP		51036-238							
Acephate 90 WSP		34704-862							
Acephate 97		70506-8-55467							
Acephate 97 UP		70506-8							
Other Use Requirements: Do not harvest citrus for one year after treatment. Minimum 3 days spray interval for up to 0.5 lb a.i./ac and 7 days for rates greater than 0.5 lb a.i./ac.									
Acramite-50WS	Bifenazate (UN)	400-503	Nonbearing	12 months	NO	12	-	-	-
Other Use Requirements: One application per year.									
Acronyx	Imidacloprid (4A)	91234-164	0.7	0	NO	12	-	-	-
Other Use Requirements: Highly toxic to honeybees. ⁶ Toxic to aquatic invertebrates. Limit to 14 oz per acre per season (0.5 lb a.i./ac/year).									
Actara 25 WG	Thiamethoxam (4A)	100-938	0.4	0	NO	12	-	-	-
Other Use Requirements: Do not exceed a total of 11.0 oz/ac (0.172 lb a.i./ac) of Actara or 0.172 lb a.i. of thiamethoxam-containing products per acre per growing season. Do not apply during prebloom or during bloom when bees are actively foraging.									
Admire Pro	Imidacloprid (4A)	00264-00827	0.7	0	NO	12	-	-	-
Other Use Requirements: Highly toxic to honeybees. ⁶ Toxic to aquatic invertebrates. Limit to 14 oz per acre per season (0.5 lb a.i./ac/year). SLN FL-120008, permits up to 1.0 lb a.i. per acre per 12 months when applied as a soil drench. See SLN label for specific details.									
Advise 2 FL	Imidacloprid (4A)	1381-205	0.7	0	NO	12	-	-	-
Other Use Requirements: Highly toxic to honeybees. ⁶ Toxic to aquatic invertebrates. Limit to 32 oz/acre/year (0.5 lb a.i./ac/year).									
Agri-Flex miticide/ insecticide	Abamectin (6) Thiamethoxam (4A)	100-1350	0.02 0.4	7	NO	12	-	10,000	-
Other Use Requirements: RESTRICTED USE PESTICIDE. ⁷ Toxic to fish, mammals, and aquatic organisms. Do not apply during prebloom or during bloom when bees are actively foraging. To avoid illegal residues, Agri-Flex must be mixed with a minimum of 0.20% oil. Do not apply more than 17 fl oz/ac of Agri-Flex or more than 0.047 lb a.i./ac of any foliar-applied abamectin product or more than 0.172 lb a.i./ac of any foliar-applied thiamethoxam product per growing season. Do not make more than 3 applications of Agri-Flex or other foliar-applied abamectin-containing product per growing season. Refer to product label for additional use requirements.									

Trade Name or Generic Name	Common Name (IRAC MOA) ⁹	EPA Registration Number ¹	Tolerance Fruit (ppm)	Days to Harvest	Field Posting Required ²	REI Hr	EPCRA ³		
							TPQ (lb a.i.) ⁴		RQ (lb a.i.) ⁵
							1	2	
Agri-mek SC	Abamectin (6)	100-1351	0.02	7	NO	12	-	10,000	-
Other Use Requirements: RESTRICTED PESTICIDE. ⁷ Toxic to fish, mammals, and aquatic organisms. Highly toxic to honeybees. ⁶ Limit of 3 applications of abamectin per growing season. Do not apply more than 8.5 fl oz/ac of Agri-mek SC or 0.047 lb a.i./ac of any abamectin-containing product per growing season.									
Alias 2F	Imidacloprid (4A)	66222-203	0.07	0	NO	12	-	-	-
Other Use Requirements: Highly toxic to honeybees. ⁶ Toxic to aquatic invertebrates. Limit to 32 oz per acre per season (0.5 lb a.i./ac/year).									
Alias 4F	Imidacloprid (4A)	66222-203	0.07	0	NO	12	-	-	-
Other Use Requirements: Highly toxic to honeybees. ⁶ Toxic to aquatic invertebrates. Limit to 16 oz per acre per season (0.5 lb a.i./ac/year).									
Altacor	Chlorantraniliprole (28)	279-9607 352-730	1.4	1	NO	4	-	-	-
Other Use Requirements: Do not make more than 3 applications per season. Do not apply more than 9 oz of Altacor or 0.2 lb a.i. of chlorantraniliprole-containing product per acre per crop season.									
Altrevin Fire Ant Bait	Metaflumizon (22B)	7969-270	3 ppm fruit 10 ppm oil	5	NO	12	-	-	-
Other Use Requirements: Do not apply more than 6 lb per acre per season. Do not apply more than 4 times per season.									
Altus	Flupyradifurone (4D)	432-1575	3	1	NO	12	-	-	-
Other Use Requirements: Do not apply more than 28 fl oz per acre per season. Toxic to aquatic organisms and bees.									
Amdro	Hydramethylnon (20A)	241-322	NA	0	NO	12	-	-	-
Other Use Requirements: Toxic to fish.									
Anarchy 30 SG	Acetamipric (4A)	34704-1096	0.5	7	NO	12	-	-	-
Other Use Requirements: Toxic to fish.									
Applaud 70DF IGR	Buprofezin (16)	71711-21	2	3	NO	12	-	-	-
Other Use Requirements: Limit to 2 applications per year.									
Apta	Tolfenpyrad (21A)	71711-36	1.5	3	NO	12	-	-	-
Other Use Requirements: Do not apply more than 27.0 fl oz per acre per growing season. Do not make more than 2 applications per year. Do not apply by air.									
ArVida 30 SG	Imidacloprid (4A)	9123-14	0.07	7	NO	12	-	-	-
Other Use Requirements: Toxic to aquatic invertebrates, bees, and birds. Maximum of 5 applications per season. Maximum of 29.3 oz of product per acre per season.									
Assail 30SG	Acetamiprid (4A)	8033-36-70506	0.5	7	NO	12	-	-	-
Other Use Requirements: Limit to 5 applications per year. Limit to 0.55 lb a.i. or 29.3 oz of product per acre per crop.									
Assail 70WP	Acetamiprid (4A)	8033-23-4581	0.5	7	NO	12	-	-	-
Other Use Requirements: Limit to 5 applications per year. Limit to 0.55 lb a.i. or 12.5 oz of product per acre per crop.									
Avatar PLX	Acephate (1B) Imidacloprid (4A)	70506-313	Nonbearing	1 year	NO	24	-	-	-
Other Use Requirements: Toxic to aquatic invertebrates, pollinators, and wildlife. Maximum of 8 lb of product per acre per season.									
Avenger S3	Bifenthrin (3A) Imidacloprid (4A)	89168-21- 89391	0.05 0.07	1	NO	12	-	-	-
Other Use Requirements: Toxic to aquatic organisms and pollinators including bees. Maximum of 64 fl oz of product per season.									
Averland FC	Abamectin (6)	89118-10	0.02	7	NO	12	-	10,000	-
Other Use Requirements: Toxic to aquatic organisms, bees, and wildlife. Maximum of 8.5 fl oz of product per acre per season									
Award II Fire Ant Bait	Abamectin (6)	100-1452	0.02	0	NO	12	-	-	-
Other Use Requirements: Toxic to fish and wildlife. Maximum of 4 lb of product per acre per season.									
Aza-Direct	Azadirachtin (UN)	71908-1-10163	Exempt	0	NO	4	-	-	-
Other Use Requirements: None									

Trade Name or Generic Name	Common Name (IRAC MOA) ⁹	EPA Registration Number ¹	Tolerance Fruit (ppm)	Days to Harvest	Field Posting Required ²	REI Hr	EPCRA ³		
							TPQ (lb a.i.) ⁴		RQ (lb a.i.) ⁵
							1	2	
AzaGuard	Azadirachtin (UN)	70299-17	Exempt	0	NO	4	-	-	-
Other Use Requirements: None									
AZAPRO	Azadirachtin (UN)	92629-10	Exempt	0	NO	4	-	-	-
Other Use Requirements: None									
AzaSol	Azadirachtin (UN)	81899-4-74578	Exempt	0	NO	4	-	-	-
Other Use Requirements: None									
Azatin O	Azadirachtin (UN)	70051-9-59807	Exempt	0	NO	4	-	-	-
Other Use Requirements: None									
Azera	Azadirachtin (UN)	1021-1872	Exempt	0	NO	4	-	-	-
Other Use Requirements: None									
Azomar	Azadirachtin (UN)	91234-14-92488	Exempt	0	NO	4	-	-	-
Other Use Requirements: None									
<i>Bacillus thuringiensis</i>			Exempt	0	NO	4	-	-	-
Agree	B.t. aizawai Strain GC-91 (11)	70051-47							
Biobit HP	B.t. kurstaki Strain ABTS-351	73049-54							
Bioprotec PLUS	B.t. kurstaki Strain EVB-113-19	89046-12							
BT Now	B.t. kurstaki Strain EVB-113-19	89046-12-70299							
Crymax	B.t. kurstaki Strain EG7841	70051-86							
Deliver	B.t. kurstaki	70051-69							
DiPel DF	B.t. kurstaki Strain H0-1	73049-39 73049-17							
Javelin WG	B.t. kurstaki	70051-66							
Leprotec	B.t. kurstaki Strain EVB-113-19	89046-12-88847							
Other Use Requirements: None									
Batallion 10 WSP Batallion 2 EC	Bifenthrin (3A)	91234-117 91234-104	0.05	1	NO	12	-	10,000	-
Other Use Requirements: RESTRICTED PESTICIDE. ⁷ Use as a soil barrier application; do not allow application to contact fruit or foliage. Apply only to individual citrus resets, not solid planted rows. Do not apply more than 0.5 lb a.i./ac/year.									
Baythroid XL							-	-	-
Baythroid	Beta-cyfluthrin (3A)	264-840	0.2	0	NO	12	-	-	-
Other Use Requirements: RESTRICTED PESTICIDE. ⁷ Toxic to aquatic invertebrates; highly toxic to honeybees. ⁶ Do not apply directly to water.									
Belay	Clothianidin (4A)	5939-150	0.07	365	NO	12	-	-	-
Belay 50 WDG							-	-	-
Other Use Requirements: Do not harvest citrus for one year after treatment. Toxic to aquatic invertebrates; highly toxic to honeybees up to 5 days post application. ⁶ Do not apply directly to water.									
Beleaf 50 SG	Fonicamid (29)	71512-10-279	4.5	0	NO	12	-	-	-
Other Use Requirements: Maximum of 8.4 oz per acre per season.									

Trade Name or Generic Name	Common Name (IRAC MOA) ⁹	EPA Registration Number ¹	Tolerance Fruit (ppm)	Days to Harvest	Field Posting Required ²	REI Hr	EPCRA ³		
							TPQ (lb a.i.) ⁴		RQ (lb a.i.) ⁵
							1	2	
Bifen 2 AG Gold Bifen 2 EC Select	Bifenthrin (3A)	83222-1 89442-30	0.05	1	NO	12			
Other Use Requirements: RESTRICTED PESTICIDE. ⁷ Use as a soil barrier application; do not allow application to contact fruit or foliage. Do not apply more than 0.5 lb a.i./ac/year.									
Bifenthrin 2 EC	Bifenthrin (3A)	2749-556	0.05	1	NO	12	-	10,000	-
Other Use Requirements: RESTRICTED PESTICIDE. ⁷ Use as a soil barrier application; do not allow application to contact fruit or foliage. Apply only to individual citrus resets, not solid planted rows. Do not apply more than 0.5 lb a.i./ac/year.									
Bifenture EC Bifenthrin 10 DF Bifenture LFC	Bifenthrin (3A)	70506-57 70506-227 70506-305	0.05	1 1 0	NO	12	-	-	-
Other Use Requirements: RESTRICTED PESTICIDE. ⁷ Use as a soil barrier application; do not allow application to contact fruit or foliage. Apply only to individual citrus resets, not solid planted rows. Do not apply more than 0.5 lb a.i./ac/year.									
BioCeres WP	<i>Beauveria bassiana</i> strain ANT-03	89600-2	Exempt	0	NO	4	-	-	-
Other Use Requirements: None									
BioCover MLT	<i>Beauveria bassiana</i> strain ANT-03	89600-2	Exempt	0	NO	4	-	-	-
Other Use Requirements: None									
BioVector 355	<i>Steinernema</i> <i>riobravus</i> (NR)	NA	Exempt	-	-	-	-	-	-
Other Use Requirements: None									
Borrada	Abamectin (6)	66222-191	0.02	7	No	12	-	10,000	-
Other Use Requirements: RESTRICTED PESTICIDE. ⁷ Toxic to fish, mammals, and aquatic organisms. Highly toxic to honeybees. ⁶ Limit of 3 applications of abamectin per growing season. Do not apply more than 40 fl oz/ac (0.047 lb a.i./ac) of any abamectin product in a growing season.									
Botanigard ES	<i>Beauveria bassiana</i> strain GHA	82074-1	Exempt	0	NO	4	-	-	-
Other Use Requirements: None									
Botanigard WP	<i>Beauveria bassiana</i> strain GHA	82074-2	Exempt	0	NO	4	-	-	-
Other Use Requirements: None									
Botanigard MAXX	<i>Beauveria bassiana</i> strain GHA Pyrethrins (3A)	82074-5	Exempt	0	NO	12	-	-	-
Other Use Requirements: None									
BoteGHA	<i>Beauveria bassiana</i> strain GHA	82074-1	Exempt	0	NO	4	-	-	-
Other Use Requirements: None									
Bracket 90 WDG	Acephate (1B)	84229-7-1381	Nonbearing	12 months	NO	24	-	-	-
Other Use Requirements: Do not harvest citrus for one year after treatment. Minimum 3 days spray interval for up to 0.5 lb a.i./ac and 7 days for rates greater than 0.5 lb a.i./ac.									
Bracket 97 Bracket 97 WDG	Acephate (1B)	70506-8-1381 66222-266- 1381	Nonbearing	12 months	NO	24	-	-	-
Other Use Requirements: Do not harvest citrus for one year after treatment. Minimum 3 days spray interval for up to 0.5 lb a.i./ac and 7 days for rates greater than 0.5 lb a.i./ac.									
Brigade 2 EC	Bifenthrin (3A)	279-3313	0.05	1	NO	12	-	10,000	-
Other Use Requirements: RESTRICTED PESTICIDE. ⁷ Use as a soil barrier application; do not allow application to contact fruit or foliage. Apply only to individual citrus resets, not solid planted rows. Do not apply more than 0.5 lb a.i./ac/year.									

Trade Name or Generic Name	Common Name (IRAC MOA) ⁹	EPA Registration Number ¹	Tolerance Fruit (ppm)	Days to Harvest	Field Posting Required ²	REI Hr	EPCRA ³		
							TPQ (lb a.i.) ⁴		RQ (lb a.i.) ⁵
							1	2	
Brigade WSB	Bifenthrin (3A)	00279-03108	0.05	1	NO	12	-	10,000	-
Other Use Requirements: RESTRICTED PESTICIDE. ⁷ Soil application only. Do not allow contact with fruit or foliage. Toxic to fish and aquatic organisms; highly toxic to honeybees.									
Brigadier	Imidacloprid (4A) Bifenthrin (3A)	279-3332	0.07 0.05	Soil—1 Foliar—14	no	12	-	-	100
Other Use Requirements: RESTRICTED PESTICIDE. ⁷ Maximum of 0.13 lb a.i. per acre per season of imidacloprid, 0.13 lb a.i. per season bifenthrin.									
Capture LFR	Bifenthrin (3A)	279-3302	0.05	1	NO	12	-	-	-
Other Use Requirements: RESTRICTED PESTICIDE. ⁷ Use as a soil barrier application; do not allow application to contact fruit or foliage. Apply only to individual citrus resets, not solid planted rows. Do not apply more than 0.5 lb a.i./ac/year.									
Carbaryl 4L (see also Sevin)	Carbaryl (1A)	(4L) 19713-49 34704-447	10	5	NO	12	10	10,000	1
Other Use Requirements: Highly toxic to aquatic invertebrates and honeybees. ⁶ Do not apply more than 20 qt per acre per crop.									
Carbine 50 WG	Flonicamid	71512-9-279	9C	0	No	12	-	-	-
Other Use Requirements: Do not apply more than 0.267 lb a.i. per acre per year.									
Cheminova Acephate 75 SP	Acephate (1B)	59639-26- 67760	Nonbearing	12 months	NO	24	-	10,000	-
Other Use Requirements: Do not harvest citrus for one year after treatment. Minimum 3 days spray interval for up to 0.5 lb a.i./ac and 7 days for rates greater than 0.5 lb a.i./ac.									
Chlorpyrifos (see also Lorsban)	Chlorpyrifos (1B)	19713-505 (4E) 66222-19 (4E AG) 66222- 19, 19713-520	1	Foliar—21 Soil—28	YES	5 days	100	10,000	1
Other Use Requirements: RESTRICTED PESTICIDE. ⁷ Toxic to fish, aquatic organisms, mammals, and birds. Limit 2 applications per season.									
Clever 50 DF	Hexythiazox (10A)	91234-38	Nonbearing	0	NO	12	-	10,000	-
Other Use Requirements: Maximum of one application per season.									
Clinch Ant Bait	Abamectin (6)	100-894	0.02	0	NO	12	-	-	-
Other Use Requirements: None									
Closer SC	Sulfoxaflor (4C)	62719-623	0.7	1	NO	12	-	-	-
Other Use Requirements: Apply during periods of decreased bee activity. Do not apply more than 0.266 lb a.i. per acre per year.									
Comite II	Propargite (12C)	400-154	5	21	YES	7 days	-	10,000	10
Other Use Requirements: Do not mix with oil, products with petroleum-based solvents, lime, or lime sulfur. Do not apply within 2 weeks of oil application. Avoid application to immature leaves and fruit. After 48 hours, workers may enter treated area if they wear proper personal protective equipment. Limit 2 applications per season. Toxic to fish.									
Confirm 2F	Tebufenozide (18)	8033-111- 10163	2	14	NO	4	-	-	-
Other Use Requirements: Toxic to aquatic invertebrates. Maximum of 80 fl oz per acre per year.									
Conserve SC	Spinosad (5)	62719-291	0.3	1	NO	4	-	-	-
Other Use Requirements: Maximum of 5 applications per season.									
CPF 15G	Chlorpyrifos (1B)	83222-34	1	28	YES	5 days	-	-	-
Other Use Requirements: Maximum of 3 applications per season, maximum of 3 lb a.i. per acre per year. Do not apply more than 1 lb a.i. chlorpyrifos in a single application.									
CPF 4E	Chlorpyrifos (1B)	83222-20	1	21–35 (depending on rate)	YES	5 days	-	-	-
Other Use Requirements: RESTRICTED PESTICIDE. ⁷ Highly toxic to bees; do not apply when bees are active. Maximum of 2 applications per year.									

Trade Name or Generic Name	Common Name (IRAC MOA) ⁹	EPA Registration Number ¹	Tolerance Fruit (ppm)	Days to Harvest	Field Posting Required ²	REI Hr	EPCRA ³		
							TPQ (lb a.i.) ⁴		RQ (lb a.i.) ⁵
							1	2	
Cryolite 96, Prokil	Cryolite (UN)	10163-41	7	15	NO	12	-	-	-
Other Use Requirements: Do not mix with lime, compounds containing free lime, or calcium foliar nutrients. Minimum of 30 days between applications.									
Danitol 2.4 EC Spray	Fenpropathrin (3A)	59639-35	2	1	NO	24	-	10,000	100
Other Use Requirements: RESTRICTED PESTICIDE. ⁷ Toxic to fish, aquatic organisms, and honeybees. Do not apply during bloom.									
Delegate WG	Spinetoram (5)	62719-541	0.3	1	NO	4	-	-	-
Other Use Requirements: Do not apply more than 12 oz of product (0.188 lb a.i.) per acre per season. Do not make more than 3 applications per calendar year.									
DeltaGard	Deltamethrin (3A)	432-1534	Exempt	0	NO	0	-	-	-
Other Use Requirements: Do not apply more than 10 fl oz per acre per season.									
Dibrom 8 Emulsive	Naled (1B)	5481-479	3	7	NO	48	-	10,000	10
Other Use Requirements: RESTRICTED PESTICIDE. ⁷ Limit 1 pint per acre in Florida. Do not use with highly alkaline materials such as lime or Bordeaux.									
Diflumas 2L	Diflubenzuron (15)	74530-70	3	7	NO	12	-	-	-
Other Use Requirements: RESTRICTED PESTICIDE. ⁷ Toxic to aquatic organisms.									
Dimate 4 EC	Dimethoate (1B)	9779-273	2	15-45 (depending on rate)	YES ¹⁰	10 days	500	10,000	10
Other Use Requirements: Limit to 2 applications to mature fruit. Highly toxic to honeybees. ⁶ Toxic to aquatic organisms.									
Dimethoate	Dimethoate (1B)		2	15-45 (depending on rate)	YES ¹⁰	10 days	500	10,000	10
2.67		19713-232							
2.67 EC		34704-489							
4 E		34704-207-67760							
4 EC		5905-493							
4 EC		19713-231							
400		34704-207							
E 267		10163-56							
LV-4		19713-665							
Other Use Requirements: Limit to 2 applications to mature fruit. Highly toxic to honeybees. ⁶ Toxic to aquatic organisms.									
Discipline 2EC	Bifenthrin (3A)	5481-517	0.05	1	NO	12	-	-	-
Other Use Requirements: RESTRICTED PESTICIDE. ⁷ Toxic to fish and aquatic organisms. Maximum of 32 fl oz per acre per season. Do not apply more than 0.5 lb per acre per year.									
Discus L	Imidacloprid (3A) Cyfluthrin (4A)	59807-18	Nonbearing	0	NO	12			
Other Use Requirements: Do not apply during periods of high bee activity. Do not apply more than 0.5 lb a.i. imidacloprid or 0.12 lb a.i. cyfluthrin per acre per year.									
Distance	Pyriproxyfen (7D)	59639-96	Nonbearing	12 months	NO	12	-	10,000	100
Other Use Requirements: Limit 2 applications per season.									
Distance Fire Ant Bait	Pyriproxyfen (7D)	1021-1728-59639	Nonbearing	12 months	NO	12	-	-	-
Other Use Requirements: None									
DiTera ES DiTera DF	<i>Myrothecium verrucaria</i> (NR)	73049-43 73049-67	Exempt	0	NO	4	-	-	-
Other Use Requirements: None									

Trade Name or Generic Name	Common Name (IRAC MOA) ⁹	EPA Registration Number ¹	Tolerance Fruit (ppm)	Days to Harvest	Field Posting Required ²	REI Hr	EPCRA ³		
							TPQ (lb a.i.) ⁴		RQ (lb a.i.) ⁵
							1	2	
Dominus	Allyl isothiocyanate (UN)	89285-2	Exempt	0	YES	5 days	-	-	-
Other Use Requirements: Do not apply within 25 feet of occupied structure.									
Ecotrol EC	Peppermint oil Rosemary oil	89152-4	Exempt	0	NO	0	-	-	-
Other Use Requirements: None									
Ecozin 1.2% ME 3% EC	Azadirachtin (UN)	5481-559 5481-476	Exempt	0	NO	12	-	-	-
Other Use Requirements: None									
Endomite	Propargite	91234-33	Nonbearing	0	YES	16 days	-	10,000	10
Other Use Requirements: Do not mix with oil, products with petroleum-based solvents, lime, or lime sulfur. Do not apply within 2 weeks of oil application. Avoid application to immature leaves and fruit. Limit 2 applications per season. Toxic to fish.									
Entrust	Spinosad (5)	62719-282	0.3	1	NO	4	-	-	-
Other Use Requirements: Limit to 2 applications per year. Limit to 9 oz of product (0.45 lb a.i. spinosad) per acre per season.									
Envidor 2SC	Spirodiclofen (23)	00264-00831	0.5	7	NO	12	-	-	-
Other Use Requirements: Limit to 1 application per year. Limit to 20 oz product per acre per season.									
Esteem Ant Bait	Pyriproxyfen (7C)	59639-114	0.3	1	NO	12	-	-	-
Other Use Requirements: None									
Esteem 0.86 EC	Pyriproxyfen (7C)	59639-95	0.3	1	NO	12	-	10,000	100
Other Use Requirements: Limit to 2 applications per season. Limit to 26 fl oz per acre per season.									
Evergreen EC 60-6	Pyrethrins + piperonyl butoxide (3A)	01021-01770	Pyrethrins (1) Piperonyl butoxide (8)	0	NO	12	10,000	-	1
Other Use Requirements: None									
Exirel	Cyantraniliprole (28)	352-859	0.70	1	NO	12	-	-	-
Other Use Requirements: Do not apply a total of more than 0.4 lb a.i./ac of any cyantraniliprole-containing product per year. See label for pollinator restrictions.									
Extinguish	Methoprene (7A)	2724-475	Exempt	0	NO	4	-	-	-
Other Use Requirements: None									
Fanfare 2EC EC ES	Bifenthrin (3A)	66222-99 66222-261 66222-236	0.05	1	NO	12	-	10,000	-
Other Use Requirements: RESTRICTED PESTICIDE. ⁷ Soil application only. Do not allow contact with fruit or foliage. Toxic to fish and aquatic organisms. Highly toxic to honeybees. ⁶									
Fastac CS	Alpha-Cypermethrin (3A)	7969-364	0.35	1	NO	12	-	-	100
Other Use Requirements: RESTRICTED PESTICIDE. ⁷ Toxic to fish and aquatic organisms. Do not apply more than 0.075 lb a.i. per acre per season.									
Fyfanon (see also Malathion and Atrapa)	Malathion (1B)	(56.4%) 5905- 196 (8 lb emulsion) 5905-250-ZA (ULV) 67760-34 SLN FL-40004	8	7	NO	12	-	10,000	100
Other Use Requirements: Highly toxic to honeybees. ⁶									

Trade Name or Generic Name	Common Name (IRAC MOA) ⁹	EPA Registration Number ¹	Tolerance Fruit (ppm)	Days to Harvest	Field Posting Required ²	REI Hr	EPCRA ³		
							TPQ (lb a.i.) ⁴		RQ (lb a.i.) ⁵
							1	2	
GF-120 GF-120 NF	Spinosad (5)	62719-359 62719-498	0.3	0	NO	4	-	-	-
Other Use Requirements: Toxic to aquatic invertebrates. Do not apply directly to water.									
Gladiator	Zeta-cypermethrin (3A) Avermectin (6)	279-3441	0.35	7	NO	12			
Other Use Requirements: RESTRICTED PESTICIDE. ⁷ Toxic to fish and aquatic organisms. Do not apply more than 0.2 lb a.i. per acre zeta-cypermethrin and 0.047 lb a.i. avermectin per season. Must be applied with an adjuvant.									
Govern 4 E	Chlorpyrifos (1B)	62719-220- 55467	1	21	YES	5 days	100	10,000	1
Other Use Requirements: RESTRICTED PESTICIDE. ⁷ Limit 2 applications per season.									
Grandevo	<i>Chromobacterium</i> <i>subtsugae</i>	84059-17	EXEMPT	0	NO	4	-	-	-
Other Use Requirements: Highly toxic to honeybees; ⁶ do not apply during bloom.									
Hatchet	Chlorpyrifos (1B)	62719-220	1	21	YES	5			
Other Use Requirements: RESTRICTED PESTICIDE. ⁷ Limit 2 applications per season.									
Hexamite	Hexythiazox (10A)	42750-311	0.6	0	NO	12	-	-	100
Other Use Requirements: Do not make more than 1 application per year.									
Imida E-AG 2 F	Imidacloprid (4A)	81959-22	0.7	0	NO	12	-	-	-
Other Use Requirements: Highly toxic to honeybees. ⁶ Toxic to aquatic invertebrates. Limit to 32 oz/acre/year (0.5 lb a.i./ac/year).									
Imidan 70-W	Phosmet (1B)	10163-169 SLN FL-10006	5	7	NO	24	10	-	10
Other Use Requirements: Limit 5 applications per year. Toxic to fish and aquatic organisms. Highly toxic to honeybees. ⁶									
Imidashot	Imidacloprid (4A)	70905-3	0.7	0	NO	12	-	-	-
Other Use Requirements: Highly toxic to honeybees. ⁶ Toxic to aquatic invertebrates. Limit to 40 oz/acre/year (0.5 lb a.i./ac/year).									
ImidaStar 2L T&O	Imidacloprid (4A)	42750-115	0.7	7	NO	12	-	-	-
Other Use Requirements: Highly toxic to honeybees. ⁶ Toxic to aquatic invertebrates. Limit to 40 oz/acre/year (0.5 lb a.i./ac/year).									
Impulse 1.6 FL	Imidacloprid (4A)	42750-109	0.7	0	NO	12	-	-	-
Other Use Requirements: Highly toxic to honeybees. ⁶ Toxic to aquatic invertebrates. Limit to 40 oz/acre/year (0.5 lb a.i./ac/year).									
Inspirato 2 F	Methoxyfenozide (18)	91234-62	3	1	NO	4	-	10,000	-
Other Use Requirements: Do not apply more than 16 fl oz per acre per application or 64 fl oz of Intrepid 2F (1 lb a.i.) per acre per season. Do not apply within 14 days of last application.									
Intrepid 2F	Methoxyfenozide (18)	62719-442	3	1	NO	4	-	-	-
Other Use Requirements: 24(c) SLN-FL-100001; do not apply more than 16 fl oz per acre per application or 64 fl oz of Intrepid 2F (1 lb a.i.) per acre per season. Do not apply within 14 days of last application.									
Intrepid Edge	Spinetoram (5) Methoxyfenozide (18)	62719-666	0.3 3	1	NO	4	-	-	-
Other Use Requirements: Do not apply more than 1 lb a.i. methoxyfenozide or 0.14 lb a.i. spinetoram per acre per season. Maximum of 3 applications per year. Do not apply within 7 days of previous application.									
Intruder Max 70 WP	Acetamiprid (4A)	8033-23-70506	1	7	NO	12	-	-	-
Other Use Requirements: Do not apply more than 0.55 lb a.i. per acre per season.									
Invertid 2F	Methoxyfenozide (18)	34704-1107	3	1	NO	4	-	-	-
Other Use Requirements: Do not apply more than 1 lb a.i. per acre per season.									

Trade Name or Generic Name	Common Name (IRAC MOA) ⁹	EPA Registration Number ¹	Tolerance Fruit (ppm)	Days to Harvest	Field Posting Required ²	REI Hr	EPCRA ³		
							TPQ (lb a.i.) ⁴		RQ (lb a.i.) ⁵
							1	2	
Knack IGR	Pyriproxyfen (7C)	59639-95	0.5	1	NO	12	-	10,000	100
Other Use Requirements: Limit to 2 applications per season. Limit to 26 fl oz product per acre per season.									
Kryocide	Cryolite (UN)	70506-172	7	15	NO	12	-	-	-
Other Use Requirements: Limit to 90 lb per acre per season.									
Lada 2F	Imidacloprid (4A)	83100-6-83979	0.7	14	NO	12	-	-	-
Other Use Requirements: For use on nonbearing trees only.									
Lorsban (see also Chlorpyrifos)	Chlorpyrifos (1B)	(4E) 62719-220 (Advanced) 62719-591 (50-W) 62719-221-10163 (15G) 62719-34	1	Foliar—21 Soil—28	YES ¹⁰	5 days	100	10,000	1
Other Use Requirements: Foliar—Highly toxic to honeybees. ⁶ Limit to 2 applications/season with 30-day interval. Soil—Limit to 3 applications/season with maximum of 10 qt/ac/season. 4E Formulation is RESTRICTED PESTICIDE. ⁷									
Macho 2.0 FL 4.0	Imidacloprid (4A)	42750-110 42750-140	0.7	0	NO	12	-	-	-
Other Use Requirements: Highly toxic to honeybees. ⁶ Toxic to aquatic invertebrates. Limit to 32 oz/ac/year (0.5 a.i./ac/year).									
Majister SC	Fenazaquin (21A) 4-tert-butylphenethyl quinazolin-4-yl ether (39; fungicide)	10163-322	0.4	7	NO	12	-	-	-
Other Use Requirements: Foliar—Highly toxic to honeybees. ⁶ Do not make more than one application per year. Maximum of 0.48 a.i. per acre per year. Do not apply until after petal fall.									
Malathion (see also Fyfanon and Atrapa)	Malathion (1B)		8	7	NO	12	-	10,000	100
5		9779-5							
5 EC		19713-217							
57 EC		34704-108							
8 EC		51036-214							
8 Flowable		10163-21							
Other Use Requirements: Highly toxic to honeybees. ⁶ Do not apply when trees are in bloom. Maximum 1.5 lb a.i. per year. Maximum 1 application per year.									
Malice 2F 75 WSP	Imidacloprid (4A)	34707-893 34707-1009	0.7	0	NO	12			
Other Use Requirements: Highly toxic to honeybees. ⁶ Toxic to aquatic invertebrates. Limit to 0.5 a.i./ac/year.									
Micromite 4L Micromite 80WGS	Diflubenzuron (15)	400-476 (SLN-FL-960014) 400-487	0.5	21	NO	12	-	10,000	-
Other Use Requirements: RESTRICTED PESTICIDE. ⁷ Toxic to aquatic invertebrates.									
Minecto Pro	Cyantraniliprole (28) Abamectin (6)	100-1592	0.70 0.002	7	NO	12	-	-	-
Other Use Requirements: Do not apply more than 0.4 lb a.i. per calendar year of any cyantraniliprole-containing product. Do not apply from onset of flowering until petal fall is complete.									
Mocap EC	Ethoprop (1B)	264-458 SLN-FL-870001	Nonbearing	12 months	YES	48	1,000	10,000	100
Other Use Requirements: RESTRICTED PESTICIDE. ⁷ Acute dermal toxicity.									

Trade Name or Generic Name	Common Name (IRAC MOA) ⁹	EPA Registration Number ¹	Tolerance Fruit (ppm)	Days to Harvest	Field Posting Required ²	REI Hr	EPCRA ³		
							TPQ (lb a.i.) ⁴		RQ (lb a.i.) ⁵
							1	2	
Montana 2F 4F	Imidacloprid (4A)	83100-7-83979 83100-21-83979	0.7	0	NO	12	-	-	-
Other Use Requirements: Highly toxic to honeybees. ⁶ Toxic to aquatic invertebrates. Limit to 0.5 lb a.i./ac/year.									
Movento	Spirotetramat (23)	264-1050	0.6	1	NO	24	-	-	-
Other Use Requirements: Do not apply more than 20 fl oz/ac (0.32 lb a.i./ac) per crop season.									
Movento MPC	Spirotetramat (23)	264-1065	0.6	1	NO	24	-	-	-
Other Use Requirements: Do not apply more than 32 fl oz/ac (0.32 lb a.i./ac) per growing season.									
M-Pede	Potassium salts of fatty acids	10163-324	Exempt	0	NO	12	-	-	-
Other Use Requirements: Do not mix with chlorothalonil, formetanate hydrochloride, fosetyl-AI, gibberellic acid, mancozeb, or sulfur.									
Mustang Insecticide	Zeta-cypermethrin (3A)	279-3126	0.35	1	NO	12	-	10,000	-
Other Use Requirements: RESTRICTED PESTICIDE. ⁷ Do not make more than 4 applications (0.20 lb a.i.) per crop season. Do not make applications less than 14 days apart. Highly toxic to honeybees; ⁶ do not apply during bloom.									
Mustang Max EW	Zeta-cypermethrin (3A)	279-3426	0.35	1	NO	12	-	10,000	-
Other Use Requirements: RESTRICTED PESTICIDE. ⁷ Do not make more than 4 applications (0.10 lb a.i.) per crop season. Do not make applications less than 14 days apart. Highly toxic to honeybees; ⁶ do not apply during bloom.									
Nealta	Cyflumetofen (25)	7969-336	0.3	7	NO	12	-	-	-
Other Use Requirements: Do not apply more than twice per season per crop. Do not apply more than 0.36 lb a.i. per season per crop.									
Neemix 4.5	Azadirachtin (UN)	70051-9	Exempt	0	NO	12	-	-	-
Other Use Requirements: None									
Nexter Miticide/ Insecticide	Pyridaben (21A)	81880-4-10163	0.5	7	NO	12	-	-	-
Other Use Requirements: Highly toxic to honeybees ⁶ and fish. Do not exceed 2 applications/season. Do not apply by air or handgun.									
Nufos 15G	Chlorpyrifos (1B)	67760-14	1	28	YES	24	-	-	1
Other Use Requirements: Limit 3 applications per year.									
Nufos 4E	Chlorpyrifos (1B)	67760-28	1	21	YES	5 days	1,000	10,000	1
Other Use Requirements: RESTRICTED PESTICIDE. ⁷ Limit 2 applications per season.									
Nuprid 24 Max	Imidacloprid (4A)	228-528	0.7	0	NO	12	-	-	-
Other Use Requirements: Highly toxic to honeybees. ⁶ Toxic to aquatic invertebrates. Limit to 0.5 lb a.i. per acre per year.									
Nuprid 4.6F Pro	Imidacloprid (4A)	228-527	0.7	0	NO	12	-	-	-
Other Use Requirements: Highly toxic to honeybees. ⁶ Toxic to aquatic invertebrates. Limit to 14 fl oz per acre per season (0.5 lb a.i./ac/year).									
Omite-30WS	Propargite (12C)	400-427	Nonbearing	12 months	YES	28 days	-	10,000	10
Other Use Requirements: RESTRICTED USE PESTICIDE. After 48 hours, workers may enter treated area if they wear proper personal protective equipment. Limit 2 applications per season.									
OR-Cal Slug & Snail Bait	Metaldehyde	71096-7	0.26	0	NO	12	-	-	-
Other Use Requirements: None									
Orthene 97	Acephate (1B)	5481-8978	Nonbearing	12 months	NO	24	10	10,000	1
Other Use Requirements: Highly toxic to honeybees. ⁶ Toxic to fish and birds. Do not harvest citrus for one year after treatment. Minimum 3 days spray interval for up to 0.5 lb a.i./ac and 7 days for rates greater than 0.5 lb a.i./ac.									

Trade Name or Generic Name	Common Name (IRAC MOA) ⁹	EPA Registration Number ¹	Tolerance Fruit (ppm)	Days to Harvest	Field Posting Required ²	REI Hr	EPCRA ³		
							TPQ (lb a.i.) ⁴		RQ (lb a.i.) ⁵
							1	2	
Pasada 1.6F	Imidacloprid (4A)	00264-00763-66222	0.7	0	NO	12	-	-	-
Other Use Requirements: Highly toxic to honeybees. ⁶ Highly toxic to aquatic invertebrates. Limit to 32 oz per acre per season (0.5 lb a.i./ac/year).									
PFR-p7	<i>Isaria fumosorosea</i> Apopka strain 97 (UN)	70051-19	EXEMPT	0	NO	12	-	-	-
Other Use Requirements: None									
Platinum 75 SG	Thiamethoxam (4A)	100-1291	0.4	0	NO	12	-	-	-
Other Use Requirements: Do not exceed a total of 3.67 oz/ac (0.172 lb a.i./ac) of Platinum 75 SG or 0.172 lb a.i. of thiamethoxam-containing products per acre per growing season. Do not apply during prebloom or during bloom when bees are actively foraging.									
Portal	Fenpyroximate (21)	71711-19	0.6	3	NO	12	-	-	-
Other Use Requirements: Do not apply more than 4 pt per season.									
PQZ	Pyrifluquinazon (9B)	71711-37	0.7	1	NO	12	-	-	-
Other Use Requirements: Do not make more than 2 applications per year. Allow a minimum of 7 days between applications.									
Prey 1.6	Imidacloprid (4A)	34704-894	0.7	0	NO	12	-	-	-
Other Use Requirements: Highly toxic to honeybees. ⁶ Toxic to aquatic invertebrates. Limit to 40 oz/ac/year (0.5 lb a.i./ac/year).									
Prokil Cryolite 96	Sodium aluminoflouride (UN)	10163-41	7	15	NO	12	-	-	-
Other Use Requirements: Do not apply more than 90 lb per acre per year.									
Prokoz Sevin SL	Carbaryl (1A)	432-1227-72112	10	5	NO	12	10,000	-	100
Other Use Requirements: None									
Provado 1.6 F	Imidacloprid (4A)	264-763	0.7	0	NO	12	-	-	-
Other Use Requirements: Highly toxic to honeybees. ⁶ Toxic to aquatic invertebrates. Limit to 40 oz/ac/season (0.5 lb a.i./ac/year).									
Provoke	Imidacloprid (4A)	89168-23-89391	0.7	0	NO	12	-	-	-
Other Use Requirements: Highly toxic to honeybees. ⁶ Toxic to aquatic invertebrates. Limit to 0.5 lb a.i. per acre per year.									
Pyganic EC 1.4 II Pyganic EC 5.0 II	Pyrethrins (3A)	1021-1771 1021-1772	1	0	NO	12	-	-	1
Other Use Requirements: None									
Reaper 0.15EC Reaper Advance Reaper ClearForm	Abamectin (6)	34704-923 34704-923 34704-1078	0.02	7	NO	12	-	10,000	-
Other Use Requirements: RESTRICTED PESTICIDE. ⁷ Toxic to fish, mammals, and aquatic organisms. Highly toxic to honeybees. ⁶ Limit of 3 applications of abamectin per growing season. Do not apply more than 0.047 lb a.i. per acre per year of any abamectin product in a growing season.									
Requiem EC Requiem Prime	Terpene constituents of the extract of <i>Chenopodium ambrosioides</i> (UN)	264-1159 264-1185-70051	EXEMPT	0	NO	4	-	-	-
Other Use Requirements: Do not apply by aerial application.									
ReTurn	Oxamyl (24)	83100-53-83979	3	7	YES	4 days	-	-	100
Other Use Requirements: RESTRICTED USE PESTICIDE. Toxic to aquatic organisms, bees, birds, and mammals. Do not apply when bees are in the area. Minimal treatment interval is 14 days. Do not apply more than 24 pt per acre per year. Do not apply more than 8 pt per acre in under 30 days. Do not apply more than 6 times per year.									

Trade Name or Generic Name	Common Name (IRAC MOA) ⁹	EPA Registration Number ¹	Tolerance Fruit (ppm)	Days to Harvest	Field Posting Required ²	REI Hr	EPCRA ³		
							TPQ (lb a.i.) ⁴		RQ (lb a.i.) ⁵
							1	2	
Reveal	Bifenthrin (3A)	89168-19-8993391	0.05	1	NO	12	-	-	-
Other Use Requirements: RESTRICTED PESTICIDE. ⁷ Soil application only. Do not allow contact with fruit or foliage. Toxic to fish and aquatic organisms; highly toxic to honeybees. Do not apply more than 0.5 lb a.i. per acre per year.									
Ruckus LFR	Bifenthrin (3A)	279-3302-5905	0.05	0	NO	12			
Other Use Requirements: RESTRICTED PESTICIDE. ⁷ Soil application only. Do not allow contact with fruit or foliage. Toxic to fish and aquatic organisms; highly toxic to honeybees. Do not apply more than 0.5 lb a.i. per acre per year.									
Savey 50 DF	Hexythiazox (10A)	10163-250	Nonbearing	12 months	NO	12	-	-	-
Other Use Requirements: Limit 1 application per year. Toxic to fish and aquatic invertebrates.									
Sefina	Afidopyropen (9D)	7969-391	0.15	0	NO	12	-	-	-
Other Use Requirements: Do not make more than 2 sequential applications without rotating another chemistry. Do not apply more than 0.09 lb a.i. per acre per year.									
Senstar	Pyriproxifen (23) Spirotetramat (7C)	59639-243	0.5 0.6	1	NO	24	-	-	100
Other Use Requirements: Do not apply within 10 days prior to bloom or until petal fall is complete. Do not apply more than 0.156 lb a.i. spirotetramat and 0.055 lb a.i. pyriproxifen per acre per application. Do not apply more than 0.313 lb a.i. spirotetramat and 0.109 lb a.i. pyriproxifen per acre per year.									
Sevin (see also Carbaryl)		(4 F) 61842-38 (XLR) 61842-37	10	5	Depends on formulation	12	-	10,000	100
Other Use Requirements: Do not apply more than 20 lb a.i./ac/year for all uses. Highly toxic to honeybees. ⁶ Toxic to aquatic invertebrates.									
Sivanto 200 SL Sivanto HL Sivanto Prime	Flupyradifurone (4D)	264-1141 264-1198 264-1141	3.0	1	NO	4	-	-	-
Other Use Requirements: Do not apply more than 28.0 fl oz/ac per year.									
Sniper Sniper Helios Sniper LFR	Bifenthrin (3A)	34704-858	0.05	1	NO	12	-	10,000	100
Other Use Requirements: RESTRICTED PESTICIDE. ⁷ Use as a soil barrier application; do not allow application to contact fruit or foliage. Apply only to individual citrus resets, not solid planted rows. Do not apply more than 0.5 lb a.i./ac/year.									
Spintor 2 SC	Spinosad (5)	62719-294	0.3	1	NO	4	-	-	-
Other Use Requirements: Do not apply more than 29 ounces (0.45 lb) per acre per crop year. Limit 2 applications per season.									
Stallion	Chlorpyrifos (1B) Zeta-cypermethrin (3A)	279-9545	1 0.35	21	YES	5 days			
Other Use Requirements: RESTRICTED PESTICIDE. ⁷ Maximum of 0.05 lb per acre per season zeta-cypermethrin and 0.5 lb per acre chlorpyrifos per season. Do not make more than two applications of any chlorpyrifos material per season (does not include orchard floor).									
Sulfur	Sulfur (NR)	See Table 2	Exempt	0	NO	24	-	-	-
Other Use Requirements: Do not apply within 21 days of an oil spray.									
Surround WP	Kaolin (NR)	70060-00014	Exempt	0	NO	4	-	-	-
Other Use Requirements: None									
Swagger	Imidacloprid (3A) Bifenthrin (4A)	34704-1045	0.05 0.7	1	NO	12			
Other Use Requirements: RESTRICTED PESTICIDE. ⁷ Highly toxic to bees. Do not apply within 10 days prior to bloom or when bees are foraging. Do not allow product to contact fruit or foliage. Maximum of 0.25 lb a.i. imidacloprid per acre per year and maximum of 0.25 lb a.i. bifenthrin per acre per year.									
Transform WG	Sulfoxaflor (4C)	62719-625	0.7	1	NO	24			
Other Use Requirements: Notify beekeepers within 1 mile of treatment area 48 hours before product is applied. Do not apply when pollinators are actively foraging. Do not make more than 4 applications per crop. Do not apply more than 0.266 lb a.i. per acre per year. One application is allowed between 3 days before bloom and until after petal fall.									

Trade Name or Generic Name	Common Name (IRAC MOA) ⁹	EPA Registration Number ¹	Tolerance Fruit (ppm)	Days to Harvest	Field Posting Required ²	REI Hr	EPCRA ³		
							TPQ (lb a.i.) ⁴		RQ (lb a.i.) ⁵
							1	2	
Troubadour 2F	Methoxyfenozide (18)	62719-442-5905	3	1	NO	4	-	-	-
Other Use Requirements: Do not apply more than 1 lb a.i. per acre per year.									
Vendex 50WP	Fenbutatin oxide (12B)	70506-211	20	7	NO	48	-	10,000	-
Other Use Requirements: RESTRICTED PESTICIDE ⁷ . Toxic to fish; limited to 2 applications/12-month period with at least a 60-day interval.									
Verdepryn 100 SL	Cyclaniliprole (28)	71512-34-88783	0.4	1	NO	4			
Other Use Requirements: Bloom spray limited to 0.054 lb a.i. per acre; must be made when bees are not actively foraging. Maximum of 3 applications per year. Do not apply more than 0.22 lb a.i. per acre per year.									
Verimark	Cyantraniliprole (28)	279-9616	0.70	1	NO	4	-	-	-
Other Use Requirements: Do not apply more than 0.4 lb a.i./ac of any cyantraniliprole-containing product per year, regardless of whether applications are made to the soil or foliarly.									
Voliam Flexi	Chlorantraniliprole (28) Thiamethoxam (4A)	100-1319	1.4 0.4	1	NO	12	-	-	-
Other Use Requirements: Highly toxic to honeybees. ⁶ Do not apply when bees are actively foraging. Do not exceed a total of 14.0 oz of Voliam Flexi or 0.172 lb a.i. of thiamethoxam-containing products or 0.2 lb a.i. of chlorantraniliprole-containing products per acre per growing season.									
Vydate L	Oxamyl (1A)	352-372	3	7	NO	48	100	10,000	1
Other Use Requirements: SL; ⁸ RESTRICTED PESTICIDE. ⁷ Toxic to birds and mammals. Limit to 6 applications per year.									
Warhawk	Chlorpyrifos (1B)	34704-857	1	21	YES	5 days	-	10,000	1
Other Use Requirements: RESTRICTED PESTICIDE. ⁷ Toxic to fish, aquatic organisms, mammals, and birds. Limit 2 applications per season.									
Whirlwind	Chlorpyrifos (1B)	62719-220-5905	1	21	YES	5 days	-	10,000	1
Other Use Requirements: RESTRICTED PESTICIDE. ⁷ Toxic to fish, aquatic organisms, mammals, and birds. Limit 2 applications per season.									
Widow	Imidacloprid (4A)	34704-893	0.7	0	NO	12	-	-	-
Other Use Requirements: Highly toxic to honeybees. ⁶ Toxic to aquatic invertebrates. Limit to 0.5 lb a.i. per acre per year.									
Wrangler	Imidacloprid (4A)	34707-931	0.7	0	NO	12	-	-	-
Other Use Requirements: Highly toxic to honeybees. ⁶ Toxic to aquatic invertebrates. Limit to 0.5 lb a.i. per acre per year.									
Xpedient Plus Xpedient Plus V	Bifenthrin (3A)	5481-517	0.05	1	NO	12			
Other Use Requirements: RESTRICTED PESTICIDE. ⁷ Use as a soil barrier application; do not allow application to contact fruit or foliage. Apply only to individual citrus resets, not solid planted rows. Do not apply more than 0.5 lb a.i./ac/year.									
Zoro Miticide/ Insecticide	Abamectin (6)	67760-71	0.02	7	NO	12	-	10,000	-
Other Use Requirements: RESTRICTED PESTICIDE. ⁷ Toxic to fish, mammals, and aquatic organisms. Highly toxic to honeybees. ⁶ Limit of 3 applications of abamectin per growing season. Do not apply more than 40 fl oz/ac (0.047 lb a.i./ac) of any abamectin product in a growing season.									
Zylo	Methoxyfenozide (18)	70506-332	3	1	NO	4	-	-	-
Other Use Requirements: Toxic to aquatic invertebrates. Do not apply more than 1 lb a.i. per acre per year.									

Trade Name or Generic Name	Common Name (IRAC MOA) ⁹	EPA Registration Number ¹	Tolerance Fruit (ppm)	Days to Harvest	Field Posting Required ²	REI Hr	EPCRA ³		
							TPQ (lb a.i.) ⁴		RQ (lb a.i.) ⁵
							1	2	

¹ Extracted from product labels, Code of Federal Regulations, and other federal and state regulations.

² Read product label for specific use precautions, especially Worker Protection Standards and environmental concerns.

³ Emergency Planning and Community Right-To-Know Act. Information presented here is not intended to take the place of the actual regulation. Call the State Emergency Response Commission at 1-800-635-7179 for additional details.

⁴ Threshold Planning Quantity. If the grower meets or exceeds this amount, notification must be made. Placard vehicle not a facility. (1 = active ingredient is a gas, is molten, in solution of or is a fine powder; 2 = is a granular or other larger particle form).

⁵ Reportable Quantity. The amount of active ingredient that when spilled or released requires reporting to authorities within 15 minutes. Should be reported by telephone to 850-413-9919 or 800-320-0519.

⁶ Will kill bees for 24 hours following application.

⁷ A certification license is required to purchase and apply or must be under the supervision of a licensee and only for those uses covered by the certified applicator's certification.

⁸ SL = See Label for use restrictions.

⁹ Mode of action class for citrus pesticides from the Insecticide, Fungicide, and Herbicide Resistance Action Committees. Refer to [chapter 4, Pesticide Resistance and Resistance Management](#), for more details.

¹⁰ Under revisions to the WPS, mandatory posting is required for any product with an REI greater than 48 hours. Refer to [chapter 8, Quick Reference Guide to the Worker Protection Standard \(WPS\) as Revised in 2015](#), for more details.

Table 5. Pesticides registered for use on Florida citrus—fungicides.

Trade Name or Generic Name	Common Name (FRAC MOA) ¹	EPA Registration Number ²	Tolerance Fruit (ppm) ³	Days to Harvest	Field Posting Required ⁴	REI Hr	EPCRA ⁵		RQ (lb a.i.) ⁷
							TPQ (lb a.i.) ⁶		
							1	2	
Abound Flowable Fungicide	Azoxystrobin (11)	100-1098	Fruit (group 10-10) 15 20 (dried pulp) 40 (oil)	0	NO	4	--	--	--
Other Use Requirements: Do not apply more than 90 fl oz/ac/season for all uses or 1.5 lb a.i./ac/season. Not for use in nursery propagation.									
Acadia 2 SC	Azoxystrobin (11)	91234-74	Fruit (group 10-10) 15 20 (dried pulp) 40 (oil)	0	NO	4	10,000	--	--
Other Use Requirements: Do not apply more than 92.3 fl oz/ac/season for all uses or 1.5 lb a.i./ac/season. Not for use in nursery propagation.									
Acadia ESQ	Azoxystrobin (11) Difenoconazole (3)	91234-205	A fruit (group 10-10) 15 A 20 (dried pulp) A 40 (oil) D fruit (group 10) 0.60 D (dried pulp) 2.0 D 25 (oil)	0	NO	12	10,000	--	--
Other Use Requirements: Do not apply more than 61.5 fl oz/ac/season for all uses. Do not apply more than 0.5 lb a.i. difenoconazole/ac/season. Do not apply more than 1.5 lb a.i. azoxystrobin/ac/season. Not for nursery production use.									
Actinovate AG	<i>Streptomyces lydicus</i> WYEC 108 (BM 02)	524-641	Exempt	0	NO	4	--	--	--
Other Use Requirements: None									
Adorn Fungicide	Fluopicolide (43)	59639-141	Nonbearing Fruit (group 10-10) 0.01 0.03 (dried pulp) 1.0 (oil)	NA ⁸	NO	12	--	--	--
Other Use Requirements: Nonbearing only; must be tank-mixed with another fungicide for resistance management—see label for details; no more than 2 applications per cropping cycle.									
Aframe	Azoxystrobin (11)	100-1098	Fruit (group 10-10) 15 20 (dried pulp) 40 (oil)	0	NO	4	--	--	1000 Sodium hydroxide
Other Use Requirements: Do not apply more than 90.0 fl oz/ac/season for all uses or 1.5 lb a.i./ac/season. Not for use in nursery propagation.									
Aliette WDG	Fosetyl-AL (Aluminum tris) (P07)	264-516	fruit (group 10-10) 9.0	30	NO	12	--	--	--
Other Use Requirements: Do not exceed 4 applications/season or 20 lb/ac/year; for foliar application, do not exceed 100 or 500 GPA nonbearing and bearing, respectively.									
Alude	Mono- and dibasic sodium, potassium, and ammonium phosphorous acid (P 07)	55146-83	Exempt	0	NO	4	--	--	--
Other Use Requirements: None									

Trade Name or Generic Name	Common Name (FRAC MOA) ¹	EPA Registration Number ²	Tolerance Fruit (ppm) ³	Days to Harvest	Field Posting Required ⁴	REI Hr	EPCRA ⁵		
							TPQ (lb a.i.) ⁶		RQ (lb a.i.) ⁷
							1	2	
Alumni	Thiabendazole (1)	100-889	15 (oil) Fruit (group 10 PH) 10	PH	NA	12	--	--	
Other Use Requirements: None									
Amistar Top (formerly Quadris Top)	Azoxystrobin (11) Difenoconazole (3)	100-1313	A fruit (group 10-10) 15 A 20 (dried pulp) A 40 (oil) D fruit (group 10) 0.60 D (dried pulp) 2.0 D 25 (oil)	0	NO	12	--	--	
Other Use Requirements: Do not apply more than 61.5 fl oz/ac/season for all uses. Do not apply more than 0.5 lb a.i. difenoconazole/ac/season. Do not apply more than 1.5 lb a.i. azoxystrobin/ac/season. Not for nursery production use.									
AVIV	<i>Bacillus subtilis</i> IAB/BS03 (BM 02)	91473-1-88783	Exempt	0	NO	4	10,000	--	
Other Use Requirements: None									
A-Zox 25SC	Azoxystrobin (11)	83529-64	Fruit (group 10-10) 15 20 (dried pulp) 40 (oil)	0	NO	4	--	--	
Other Use Requirements: Do not apply more than 92.3 fl oz/ac/season for all uses or 1.5 lb a.i./ac/season. Not for use in nursery propagation.									
Azoxystrobin PRIME	Azoxystrobin (11)	89442-21	Fruit (group 10-10) 15 20 (dried pulp) 40 (oil)	0	NO	4	--	--	
Other Use Requirements: Do not apply more than 92.3 fl oz/ac/season for all uses or 1.5 lb a.i./ac/season. Not for use in nursery propagation.									
Azoxystrobin Star	Azoxystrobin (11)	42750-261	Fruit (group 10-10) 15 20 (dried pulp) 40 (oil)	0	NO	4	--	--	
Other Use Requirements: Do not apply more than 92.3 fl oz/ac/season for all uses or 1.5 lb a.i./ac/season. Not for use in nursery propagation.									
Azoxystrobin	Azoxystrobin (11)	71532-35-91026	Fruit (group 10-10) 15 20 (dried pulp) 40 (oil)	0	NO	4	--	--	
Other Use Requirements: Do not apply more than 92.3 fl oz/ac/season for all uses or 1.5 lb a.i./ac/season. Not for use in nursery propagation.									
AZteroid FC ³³	Azoxystrobin (11)	89118-11	Fruit (group 10-10) 15 20 (dried pulp) 40 (oil)	0	NO	4	--	--	
Other Use Requirements: Do not apply more than 92.3 fl oz/ac/season for all uses or 1.5 lb a.i./ac/season. Not for use in nursery propagation.									
Banner MAXX II	Propiconazole (3)	100-1326	Nonbearing 1000 (oil) Fruit (group 10-10) 8	12 months	NO	12	--	--	
Other Use Requirements: Nonbearing only; do not apply more than 5.4 gallons/ac/season.									

Trade Name or Generic Name	Common Name (FRAC MOA) ¹	EPA Registration Number ²	Tolerance Fruit (ppm) ³	Days to Harvest	Field Posting Required ⁴	REI Hr	EPCRA ⁵		
							TPQ (lb a.i.) ⁶	RQ (lb a.i.) ⁷	
Bio-Tam 2.0	<i>Trichoderma gamsii</i> (IC 080) and <i>T. asperellum</i> (IC 012) (BM02)	80289-9	Exempt	0	NO	4	1	2	
Other Use Requirements: None									
Blockade 50WG	Acibenzolar-S-methyl (P 01)	100-922	Fruit (group 10-10) 0.02	0	NO	12	--	--	
Other Use Requirements: Do not apply more than 3.2 oz/ac/application (0.1 lb a.i.) or 12.8 oz/ac/year (0.4 lb a.i.).									
BotryStop Biofungicide	<i>Ulocladium oudemansii</i> (U3 strain)	75747-2-68539	Exempt	0	NO	4	--	--	
Other Use Requirements: None									
Broadform	Trifloxystrobin (11) Fluopyram (7)	432-1537	T 1.0 (dried pulp) T 38 (oil) T Fruit (group 10) 0.6 F Fruit (group 10-10) 1.0 F 8.0 (oil)	7	NO	12	--	--	
Other Use Requirements: Do not apply more than 27.1 fl oz/ac/year. Do not exceed more than 0.44 lb fluopyram or 0.44 lb trifloxystrobin per year for all uses.									
Bumper 41.8 EC ES	Propiconazole (3)	66222-270 66222-42 66222-241	Nonbearing 1000 (oil) Fruit (group 10-10) 8	12 months	NO	12	--	--	
Other Use Requirements: Nonbearing only or within 12 months of harvestable fruit; do not apply more than 24 fl oz/ac/season. Do not apply more than 0.67 lb a.i./ac/season of propiconazole.									
Carb-O-Nator	Potassium bicarbonate (NC)	70051-117	Exempt	0	NO	4	--	--	
Other Use Requirements: None									
Compass	Trifloxystrobin (11)	432-1371	Nonbearing 1.0 (dried pulp) 38 (oil) Fruit (group 10-10) 0.6	12 months	NO	12	--	--	
Other Use Requirements: Rotate to a non-MOA Group 11 fungicide for a minimum of two applications before rotating back.									
Confine Extra	Mono- and dipotassium salts of phosphorous acid (P 07)	1381-244	Exempt	0	NO	4	--	--	
Other Use Requirements: Do not apply at less than a 3-day interval.									
Copper fungicides	Various (M 01)	See Table 1	Exempt	0	NO	SL ⁹	--	--	
Other Use Requirements: None									
Dorado	Propiconazole (3)	100-741	Nonbearing 1000 (oil) Fruit (group 10-10) 8	12 months	NO	12	--	--	
Other Use Requirements: Nonbearing only. Do not apply more than 5.4 gal/ac/year.									

Trade Name or Generic Name	Common Name (FRAC MOA) ¹	EPA Registration Number ²	Tolerance Fruit (ppm) ³	Days to Harvest	Field Posting Required ⁴	REI Hr	EPCRA ⁵	
							TPQ (lb a.i.) ⁶	RQ (lb a.i.) ⁷
Double Nickle55 LC	<i>Bacillus amyloliquefaciens</i> strain D747 (BM 02)	70051-108 70051-107	Exempt	0	NO	4	1	2
Other Use Requirements: None								
EcoSwing Botanical	Extract of <i>Swinglea glutinosa</i> (BM 01)	10163-357	Exempt	0	NO	4	--	--
Other Use Requirements: None								
Empress Intrinsic	Pyraclostrobin (11)	7969-355	12.5 (dried pulp) 9.0 (oil) Fruit (group 10-10) 2.0	12 months	NO	12	--	--
Other Use Requirements: Do not apply more than 54 fl oz/ac/season or 0.88 lb a.i./ac/season or other MOA Group 11 fungicides/season. Do not use more than 2 sequential applications/season.								
Enable 2F	Fenbuconazole (3)	62719-416	5.0 (dried pulp) 40 (oil) Fruit (group 10) 1.0	0	NO	12	--	--
Other Use Requirements: No more than 3 applications/year; no more than 0.38 lb (24 fl oz Enable) a.i./ac/year; minimum retreatment interval is 21 days. Do not apply with polymer adjuvants.								
Endura	Boscalid (7)	7969-197	4.5 (dried pulp) 85.0 (oil) Fruit (group 10-10) 2.0	0	NO	12	--	--
Other Use Requirements: Do not apply more than 27.2 oz/ac/season or 1.20 lb a.i./ac/season.								
Ferbam Granuflo	Ferbam (M 03)	45728-7	4.0 fruit (group 10)	0	NO	24	--	--
Other Use Requirements: No more than 3 applications. No more than 7.9 lb/ac (6.0 lb a.i.) per single application.								
Fireline 17 WP 45 WP	Oxytetracycline hydrochloride (41)	80990-1 80990-6	Fruit (group 10-10) 0.01	40	YES	12	--	--
Other Use Requirements: Do not use more than 4.5 lb (17 WP) or 1.69 lb (45 WP) (0.82 a.i.) oxytetracycline/ac/season.								
Firewall 50 WP	Streptomycin sulfate (25)	80990-3	Fruit (group 10-10) 0.8 Dried pulp 3.0	60	YES	12	--	--
Other Use Requirements: Do not use more than 33 oz (0.45 lb a.i.) streptomycin/ac/year.								
Fitness	Propiconazole (3)	34704-1031	Nonbearing 1000 (oil) Fruit (group 10-10) 8	12 months	NO	12	--	100 Naphthalene
Other Use Requirements: Do not use more than 0.67 lb a.i. or 24 fl oz. propiconazole/ac/season.								
Fosphite	Phosphorous acid, mono- and dipotassium salts (P 07)	68573-2	Exempt	0	NO	4	--	--
Other Use Requirements: Minimum retreatment interval is 3 days; to avoid phytotoxicity, do not apply less than 20 days after copper-based products.								
Fungi-Phite	Phosphorous acid, mono- and dipotassium salts (P 07)	73771-5	Exempt	0	NO	4	--	--
Other Use Requirements: if chemigating, do not apply more than 4 times/crop cycle.								

Trade Name or Generic Name	Common Name (FRAC MOA) ¹	EPA Registration Number ²	Tolerance Fruit (ppm) ³	Days to Harvest	Field Posting Required ⁴	REI Hr	EPCRA ⁵		
							TPQ (lb a.i.) ⁶		RQ (lb a.i.) ⁷
							1	2	
Gem 500 SC	Trifloxystrobin (11)	264-826	1.0 (dried pulp) 38 (oil) Fruit (group 10) 0.6	7	NO	12	--	--	
Other Use Requirements: Do not apply more than 15.2 fl oz/ac/season for all uses. No more than 4 applications of Gem 500 SC or other MOA Group 11 fungicides/season.									
GraduateMAX MP	Fludioxonil (12)	100-969 100-1242	500 (oil) Fruit (group 10-10) 10	PH ⁸	NO	0	--	--	
Other Use Requirements: Do not make more than 2 applications to citrus fruit.									
Graduate A+	Fludioxonil (12) Azoxystrobin (11)	100-1308	F 500 (oil) Fruit (group 10-10) 10 A 20 (dried pulp) A 40 (oil) A fruit (group 10-10) 15	PH ⁸	NO	0	--	--	
Other Use Requirements: Do not make more than 2 applications to citrus fruit. Maximum rate per crop 128 fl oz. Do not exceed 1.99 lb a.i./crop of fludioxonil- or azoxystrobin-containing products.									
Guarda	Thyme oil (BM 01)	92144-2-70299	Exempt	0	NO	0	--	--	
Other Use Requirements: None									
Gunner 14.3 MEC	Propiconazole (3)	91234-36	Nonbearing 1000 (oil) Fruit (group 10-10) 8	12 months	NO	12	10,000	--	
Other Use Requirements: Do not use more than 0.67 lb a.i. or 24 fl oz propiconazole/ac/season.									
HDH Foam 26	Sodium ortho-phenylphenate (NC)	83103-2	10	PH ⁸	NA	NA	--	--	
Other Use Requirements: None									
Headline SC	Pyraclostrobin (11)	7969-186 7969-289	12.5 (dried pulp) 9.0 (oil) Fruit (group 10-10) 2.0	0	NO	12	--	Naphthalene (100 lb) SC --	
Other Use Requirements: Do not apply more than 54 fl oz/ac/season or 0.88 lb a.i./ac/season or other MOA Group 11 fungicides/season. Do not use more than 2 sequential applications/season.									
Honor Guard PPZ	Propiconazole (3)	66222-41-53883	Nonbearing 1000 (oil) Fruit (group 10-10) 8	12 months	NO	12	--	--	
Other Use Requirements: Do not use more than 0.67 lb a.i. or 24 fl oz propiconazole/ac/season.									
Indar 2F	Fenbuconazole (3)	62719-416	5.0 (dried pulp) 40 (oil) Fruit (group 10) 1.0	0	NO	12	--	--	
Other Use Requirements: No more than 3 applications/year; no more than 0.38 lb (24 fl oz Indar) a.i./ac/year; minimum retreatment interval is 21 days.									

Trade Name or Generic Name	Common Name (FRAC MOA) ¹	EPA Registration Number ²	Tolerance Fruit (ppm) ³	Days to Harvest	Field Posting Required ⁴	REI Hr	EPCRA ⁵		
							TPQ (lb a.i.) ⁶	RQ (lb a.i.) ⁷	
Insignia SC Intrinsic	Pyraclostrobin	7969-290	Nonbearing 12.5 (dried pulp) 9.0 (oil) Fruit (group 10-10) 2.0	12	NO	0	1	2	
Other Use Requirements: Do not apply more than 54 fl oz/ac/season or 0.88 lb a.i./ac/season or other MOA Group 11 fungicides/season. Do not use more than 2 sequential applications/season.									
Jet-Ag	Peroxyacetic acid (NC) Hydrogen peroxide (NC)	81803-6	P Exempt up to 100 ppm in solution H Exempt when = 1% per application	0	YES	4	--	--	Acetic acid 73,529
Other Use Requirements: None									
KeyPlex 350 Organic	Yeast extract hydrolysate from <i>Saccharomyces cerevisiae</i> (NC)	73512-1 73512-4	Exempt	0	NO	4	--	--	--
Other Use Requirements: None									
K-Phite 7LP	mono + dipotassium salts of Phosphorous Acid (P 07)	73806-1	Exempt	0	NO	4	--	--	--
Other Use Requirements: Do not apply at intervals less than 3 days.									
LifeGard LC WG	<i>Bacillusmycoides</i> isolate J (P 06)	70051-126 70051-119	Exempt	0	NO	4	--	--	--
Other Use Requirements: None									
Linebacker WDG	Fosetyl-AL (P 07) Also known as aluminum tris (O-ethyl phosphonate)	61842-9	Fruit (group 10-10) 9.0	0	NO	24	--	--	--
Other Use Requirements: Do not exceed 4 applications or 20 lb (16 lb a.i./ac)/year. Do not exceed 500 GPA for foliar applications.									
LPI Azoxy 2 SC	Azoxystrobin (11)	34704-1163	20 (dried pulp) 40 (oil) fruit (group 10-10) 15	0	NO	4	--	--	--
Other Use Requirements: Do not apply more than 92.3 fl oz/ac/season for all uses or 1.5 lb a.i./ac/season. Not for use in nursery propagation.									
Luna Sensation	Trifloxystrobin (11) Fluopyram (7)	264-1090	T 1.0 (dried pulp) T 38 (oil) T Fruit (group 10) 0.6 F Fruit (group 10-10) 1.0 F 8.0 (oil)	7	NO	12	--	--	--
Other Use Requirements: Maximum 27.1 fl oz/ac/year. Do not apply more than 0.5 lb a.i./ac/year of trifloxystrobin or 0.446 lb a.i./ac/year of fluopyram.									
Marazo	Propiconazole (3)	91234-25-92488	Nonbearing 1000 (oil) Fruit (group 10-10) 8	12 months	NO	12	10,000 lb	--	--
Other Use Requirements: Maximum 24 fl oz/ac/year. Do not apply more than 0.67 lb a.i./ac/year of propiconazole.									

Trade Name or Generic Name	Common Name (FRAC MOA) ¹	EPA Registration Number ²	Tolerance Fruit (ppm) ³	Days to Harvest	Field Posting Required ⁴	REI Hr	EPCRA ⁵		
							TPQ (lb a.i.) ⁶		RQ (lb a.i.) ⁷
							1	2	
Mazolin	Azoxystrobin (11)	92647-2-92488	Fruit (group 10-10) 15 20 (dried pulp) 40 (oil)	0	NO	4	10,000 lb	--	
Other Use Requirements: Do not apply more than 92.3 fl oz/ac/season for all uses or 1.5 lb a.i./ac/season. Not for use in nursery propagation.									
Mefenoxam 2 AQ	Mefenoxam (4)	53883-433	Nonbearing 1.0 (fruit, citrus) 7.0 (oil) 7.0 (citrus pulp)	12 months	NO	48	--	--	
Other Use Requirements: Do not use in greenhouse citrus nursery stock intended for commercial fruit production.									
Mentor EC	Propiconazole (3)	100-780 100-1562	1000 (oil) Fruit (group 10-10) 8	PH ⁸	NO	0	--	--	
Other Use Requirements: Postharvest use. Make no more than 2 postharvest applications. Do not exceed 0.88 lb a.i./acre/year.									
MetaStar 2E	Metalaxyl (4)	71532-5-91026	1.0 (fruit, citrus) 7.0 (oil) 7.0 (citrus pulp)	0	NO	48	--	--	
Other Use Requirements: Do not use in greenhouse citrus nursery stock. Do not apply more than 6 gal/ac/year.									
MilStop SP	Potassium bicarbonate (NC)	70870-1-68539 68539-13	Exempt	0	NO	1	--	--	
Other Use Requirements: None									
Minuet	<i>Bacillus subtilis</i> strain QST 713 (BM 02)	264-1202	Exempt	0	NO	4	--	--	
Other Use Requirements: None									
Miravis Top	Pydiflumetofen (7) Difenoconazole (3)	100-1602	P Fruit (group 10-10) 1 P Oil 30 D fruit (group 10) 0.60 D (dried pulp) 2.0 D 25 (oil)	0	NO	12	--	--	
Other Use Requirements: Maximum rate is 60.9 fl oz/year. Do not apply more than 0.50 or 0.30 lb a.i./ac/year of difenoconazole and pydiflumetofen, respectively.									
Mite-Phite ZM	Phosphorous acid (P 07)	48222-14	Exempt	0	NO	48	--	--	
Other Use Requirements: Do not apply in intervals less than 3 days.									
Mycosshield**	Calcium oxytetracycline (41)	55146-97	Fruit (group 10-10) 0.01	40	YES	12	--	--	
Other Use Requirements: Do not use more than 4.5 lb or 0.77 a.i. oxytetracycline/ac/season. **Supplemental label expired 6/15/2021									
Nufarm 14.3 MEC	Propiconazole (3)	228-623	Nonbearing 1000 (oil) Fruit (group 10-10) 8	12 months	NO	24	--	--	
Other Use Requirements: Do not use more than 0.67 lb a.i. or 24 fl oz propiconazole/ac/season.									

Trade Name or Generic Name	Common Name (FRAC MOA) ¹	EPA Registration Number ²	Tolerance Fruit (ppm) ³	Days to Harvest	Field Posting Required ⁴	REI Hr	EPCRA ⁵	
							TPQ (lb a.i.) ⁶	RQ (lb a.i.) ⁷
Obtego	<i>Trichoderma asperillum</i> <i>Trichoderma gamsii</i>	80289-9-67690	Exempt	0	NO	4	1	2
Other Use Requirements: None								
Omni Brand Propiconazole 41.8% EC	Propiconazole (3)	38167-35-5905	Nonbearing 1000 (oil) Fruit (group 10-10) 8	12 months	NO	12	--	--
Other Use Requirements: Do not use more than 0.67 lb a.i. or 24 fl oz propiconazole/ac/season.								
Orondis	Oxathiapiprolin (49)	100-1571	Fruit (group 10-10) 0.06 0.09 (dried pulp) 2.0 (oil)	0	NO	4	--	--
Other Use Requirements: Do not use in a nursery. Do not apply sequentially more than two soil applications or one foliar application.								
Orondis Ultra	Oxathiapiprolin (49) Mandipropamid (40)	100-1612	O Fruit (group 10-10) 0.06 O 0.09 (dried pulp) O 2.0 (oil) M Fruit (group 10-10) 0.5 M 0.70 (dried pulp) M 15 (oil)	0	NO	4	--	--
Other Use Requirements: Do not use in a nursery. Do not apply sequentially more than two soil applications or one foliar application. Do not apply more than 0.016 or 0.13 lb a.i./ac/year of oxathiapiprolin or mandipropamid, respectively.								
OSO 5%SC	Polyoxin D zinc salt (19)	68173-4-70051	Exempt	0	NO	4	--	--
Other Use Requirements: Do not apply more than 4.3 oz a.i./ac/year.								
OxiDate 2.0 5.0	Peroxyacetic acid (NC) Hydrogen peroxide (NC)	70299-12 70299-28	P Exempt up to 100 ppm in solution H Exempt when = 1% per application	0	YES	1	500 (Peroxyacetic acid) 1000 (hydrogen peroxide)	500 (Peroxyacetic acid) 1000 (hydrogen peroxide)
Other Use Requirements: Posting required when applying through chemigation; consult the label.								
OxiPhos	mono + dipotassium salts of Phosphorous Acid (P 07) Hydrogen peroxide (NC)	70299-22	Exempt* *H when = 1% per application	0	YES	4	1000 (hydrogen peroxide)	1000 (hydrogen peroxide)
Other Use Requirements: Posting required when applying through chemigation; consult the label.								
PacRite Azoxy 250 SC	Azoxystrobin (11)	42750-261-64864	15 (fruit group 10-10) 20 (dried pulp) 40 (oil)	PH ⁸	NA	NA	--	--
Other Use Requirements: Postharvest only. Do not make more than 2 postharvest applications.								

Trade Name or Generic Name	Common Name (FRAC MOA) ¹	EPA Registration Number ²	Tolerance Fruit (ppm) ³	Days to Harvest	Field Posting Required ⁴	REI Hr	EPCRA ⁵		
							TPQ (lb a.i.) ⁶	RQ (lb a.i.) ⁷	
PacRite FDL	Fludioxonil (12)	64864-70	500 (oil) 10 (fruit group 10-10)	PH ⁸	NA	NA	1	2	
Other Use Requirements: Postharvest only. Do not make more than 2 postharvest applications.									
PacRite Fungaflo 500 EC 75 WSF	Imazalil (3)	43813-6-64864 43813-26-64864	200 (oil) 10 (PH fruit) 25 (dried pulp)	PH ⁸	NA	NA	--	--	
Other Use Requirements: Postharvest only.									
PacRite Penbotec 400 SC	Pyrimethanil (9)	43813-32-64864	150 (oil) 10.0 (fruit group 10-10)	PH ⁸	NA	NA	--	--	
Other Use Requirements: Postharvest only. May be applied to citrus fruits by a maximum combination of three application methods.									
PacRite TBZ 4.0 SC	Thiabendazole (1)	64864-66	15 (oil) 10 (fruit group 10)	PH ⁸	NA	NA	--	--	
Other Use Requirements: Postharvest only.									
PerCarb	Sodium carbonate peroxyhydrate (NC)	70299-15	Exempt	0	NO	1	--	--	
Other Use Requirements: Do not apply to a blooming crop.									
Ph-D fungicide	Polyoxin D zinc salt (19)	66330-56	Exempt	0	NO	4	--	--	
Other Use Requirements: Do not apply more than 6 applications of polyoxin as the active ingredient (4.2 oz a.i./ac) per season.									
Phostrol	Mono- + dibasic sodium, potassium and ammonium salts (P 07)	55146-83	Exempt	0	NO	4	--	--	
Other Use Requirements: None									
Pilato SC	Fludioxonil (12)	91234-93	500 (oil) 10 (fruit group 10-10)	PH ⁸	NA	NA	10,000	--	
Other Use Requirements: Do not make more than 2 applications to fruit.									
PPZ 41.8 Select	Propiconazole (3)	89442-3	Nonbearing 1000 (oil) Fruit (group 10-10) 8	12 months	NO	12	--	--	
Other Use Requirements: Do not use more than 0.67 lb a.i. or 24 fl oz propiconazole/ac/season.									
Presidio Fungicide	Fluopicolide (43)	59639-140	1.0 (oil) 0.03 (dried pulp) 0.01 fruit (group 10-10)	30	NO	12	--	--	
Other Use Requirements: Do not make more than 1 application or 12 fl oz/ac/year.									

Trade Name or Generic Name	Common Name (FRAC MOA) ¹	EPA Registration Number ²	Tolerance Fruit (ppm) ³	Days to Harvest	Field Posting Required ⁴	REI Hr	EPCRA ⁵		
							TPQ (lb a.i.) ⁶		RQ (lb a.i.) ⁷
							1	2	
Priaxor Xemium	Pyraclostrobin (11) Fluxapyroxad (7)	7969-311	P 12.5 (dried pulp) P 9.0 (oil) P fruit (group 10-10) 2.0 F 3.0 (dried pulp) F 40 (oil) F fruit (group 10-10) 1.0	0	NO	12	--	--	
Other Use Requirements: No more than 4 (44 oz) applications/ac/year.									
Pristine	Pyraclostrobin (11) Boscalid (7)	7969-199	P 12.5 (dried pulp) P 9.0 (oil) P fruit (group 10-10) 2.0 B 4.5 (dried pulp) B 85.0 (oil) B fruit (group 10-10) 2.0	0	NO	12	--	--	
Other Use Requirements: No more than 74 oz/ac/year (1.17 lb boscalid, 0.592 lb pyraclostrobin).									
Procidic Concentrate	Citric acid (NC)	Exempt	Exempt	0	NO	0	--	--	
Other Use Requirements: None									
ProCon-Z	Propiconazole (3)	34704-879	Nonbearing 1000 (oil) Fruit (group 10-10) 8.0	12 months	NO	24	--	--	
Other Use Requirements: Do not apply more than 0.67 lb a.i. propiconazole/ac/season.									
ProPensity 1.3ME	Propiconazole (3)	60063-27	Nonbearing 1000 (oil) Fruit (group 10-10) 8.0	12 months	NO	24	--	--	
Other Use Requirements: Do not apply more than 0.67 lb a.i. propiconazole/ac/season. Use up to 5.4 gal/ac/year.									
ProPhyt	Potassium phosphite (P 07)	42519-22-5905	Exempt	0	NO	4	--	--	
Other Use Requirements: None									
Propiconazole 1.3 ME T&O	Propiconazole (3)	42750-252	Nonbearing 1000 (oil) Fruit (group 10-10) 8.0	12 months	NO	24	--	--	
Other Use Requirements: Do not apply more than 24 fl oz (0.67 lb a.i.) Propicon 3.6 EC/ac/season.									
Propiconazole 3.6 EC	Propiconazole (3)	69361-40	Nonbearing 1000 (oil) Fruit (group 10-10) 8.0	12 months	NO	12	--	1000 gal Xylene	
Other Use Requirements: Do not apply more than 24 fl oz (0.67 lb a.i.) Propiconazole 3.6 EC/ac/season.									
Propiconazole 14.3	Propiconazole (3)	53883-363 66222-41	Nonbearing 1000 (oil) Fruit (group 10-10) 8.0	12 months	NO	12	10,000	--	
Other Use Requirements: Do not apply more than 24 fl oz (0.67 lb a.i.) Propiconazole 3.6 EC/ac/season.									

Trade Name or Generic Name	Common Name (FRAC MOA) ¹	EPA Registration Number ²	Tolerance Fruit (ppm) ³	Days to Harvest	Field Posting Required ⁴	REI Hr	EPCRA ⁵		
							TPQ (lb a.i.) ⁶		RQ (lb a.i.) ⁷
							1	2	
Propiconazole 14.3 Select	Propiconazole (3)	89442-17	Nonbearing 1000 (oil) Fruit (group 10-10) 8.0	12 months	NO	12	--	--	
Other Use Requirements: Do not apply more than 24 fl oz (0.67 lb a.i.) Propiconazole 3.6 EC/ac/season.									
Propicure 3.6F	Propiconazole (3)	83222-18	Nonbearing 1000 (oil) Fruit (group 10-10) 8.0	12 months	NO	12	--	100 (Naphthalene)	
Other Use Requirements: Do not apply more than 24 fl oz (0.67 lb a.i.) product/ac/season.									
Propiczone	Propiconazole (3)	83529-22-91026	Nonbearing 1000 (oil) Fruit (group 10-10) 8.0	12 months	NO	12	--	--	
Other Use Requirements: Do not apply more than 24 fl oz (0.67 lb a.i.) product/ac/season.									
PropiMax EC	Propiconazole (3)	62719-346	Nonbearing 1000 (oil) Fruit (group 10-10) 8.0	12 months	NO	12	--	--	
Other Use Requirements: Do not apply more than 24 fl oz (0.67 lb a.i.) PropiMax EC/ac/season.									
Propi-Star EC	Propiconazole (3)	42750-211	Nonbearing 1000 (oil) Fruit (group 10-10) 8.0	12 months	NO	12	--	226 gal 100 lb naphthalene	
Other Use Requirements: Do not apply more than 24 fl oz (0.67 lb a.i.) Propi-Star EC/ac/season.									
Propizol	Propiconazole (3)	74578-8	Nonbearing 1000 (oil) Fruit (group 10-10) 8.0	12 months	NO	24	--	--	
Other Use Requirements: Do not apply more than 24 fl oz (0.67 lb a.i.) PropiMax EC/ac/season.									
Provycol	Mefentrifluconazole (3)	7969-411	2.0 (dried pulp) 15 (oil)	0	NO	12	--	--	
Other Use Requirements: Do not apply more than 15 fl oz (0.39 a.i.)/ac/year.									
PVent	<i>Gliocladium catenulatum</i> strain J1446 (BM02)	64137-13-70299	Exempt	0	NO	4	--	--	
Other Use Requirements: None									
Quilt	Azoxystrobin (11) Propiconazole (3)	100-1178	A fruit (group 10-10) 15.0 A 20 (dried pulp) A 40 (oil) P Nonbearing P 1000 (oil) P Fruit (group 10-10) 8.0	12 months	NO	12	--	--	
Other Use Requirements: Do not apply more than 82.5 fl oz Quilt/ac/year. Do not apply more than 0.68 lb a.i. propiconazole/ac/year. Do not apply more than 1.5 lb a.i. azoxystrobin/ac/season. Not for nursery use. No more than 3 applications per year.									

Trade Name or Generic Name	Common Name (FRAC MOA) ¹	EPA Registration Number ²	Tolerance Fruit (ppm) ³	Days to Harvest	Field Posting Required ⁴	REI Hr	EPCRA ⁵		
							TPQ (lb a.i.) ⁶		RQ (lb a.i.) ⁷
							1	2	
Rampart 6.8	Mono- and dipotassium salts of phosphorous acid (P 07)	34704-924 82940-1-34704	Exempt	0	NO	4	--	--	
Other Use Requirements: Do not apply at intervals less than 3 days.									
ReCon 4 F	MetalaxyI (4)	91234-64	1.0 (fruit, citrus) 7.0 (oil) 7.0 (citrus pulp)	0	NO	48	10,000 lb	--	
Other Use Requirements: Do not apply more than 3 gal (12 lb a.i.)/treated ac/year. Do not exceed 3 applications/year. Do not use in nurseries.									
ReCon Bold 5L	Mefenoxam (4)	91234-219	1.0 (fruit, citrus) 7.0 (oil) 7.0 (citrus pulp)	0	NO	48	10,000	4,000 (acetone) 4,000 gal	
Other Use Requirements: Do not apply more than 12 pt (6 lb a.i.)/treated ac/year. Do not exceed 3 applications/year. Do not use in nurseries.									
Regalia PTO Biofungicide	<i>Reynoutria sachalinensis</i> extract (P05)	84059-3-87865 84059-3	Exempt	0	NO	4	--	--	
Other Use Requirements: None									
Regulate Select	MetalaxyI (4)	89442-16	Nonbearing 1.0 (fruit, citrus) 7.0 (oil) 7.0 (citrus pulp)	12 months	NO	24	--	--	
Other Use Requirements: Do not use in nurseries where stock is intended for commercial production.									
Regev	Tea tree oil (BM 01) Difenoconazole (3)	86182-5-88783	TTO Exempt D fruit (group 10) 0.60 D (dried pulp) 2.0 D 25 (oil)	7	NO	12	10,000	--	
Other Use Requirements: Do not use more than 38 fl oz/acre/year (0.988 or 0.50 lb a.i. tea tree oil and difenoconazole, respectively)									
Reliant	Mono- and dipotassium salts of phosphorous acid (P 07)	83416-1	Exempt	0	NO	4	--	1000 potassium hydroxide	
Other Use Requirements: None									
ReLoad	Mono- and dibasic sodium, and ammonium phosphites (P 07)	87865-1	Exempt	0	NO	12	--	--	
Other Use Requirements: None									
Rendition	Peroxyacetic acid (NC) Hydrogen peroxide (NC)	68660-14-70051	P Exempt up to 100 ppm in solution HP Exempt when = 1% per application	0	YES	1	--	--	
Other Use Requirements: None									

Trade Name or Generic Name	Common Name (FRAC MOA) ¹	EPA Registration Number ²	Tolerance Fruit (ppm) ³	Days to Harvest	Field Posting Required ⁴	REI Hr	EPCRA ⁵		
							TPQ (lb a.i.) ⁶	RQ (lb a.i.) ⁷	
Resist 57	Mono- and dipotassium salts of phosphorous acid (P 07)	82940-1	Exempt	0	NO	4	1	2	
Other Use Requirements: Do not apply at intervals less than 3 days. Do not use more than the highest rate/application.									
Reveille	Potassium phosphite (P 07)	42519-22-5905	Exempt	0	NO	4	--	--	
Other Use Requirements: No more than 3 applications.									
Revus	Mandipropamid (40)	100-1254	0.70 (dried pulp) 15 (oil) 0.50 (fruit, group 10-10)	0	NO	4	--	--	
Other Use Requirements: Do not use more than twice a year. For field use, do not apply more than 16 fl oz (0.26 lb a.i.) of product/acre/season. In nurseries, do not apply more than 32 fl oz (0.52 lb a.i.) of product/acre/season.									
Ridomil Gold GR	Mefenoxam (4)	100-798	1.0 (fruit, citrus) 7.0 (oil) 7.0 (citrus pulp)	0	NO	48	--	--	
Other Use Requirements: Do not exceed the equivalent 6 lb a.i./ac of mfenoxam-containing products. Do not apply more than 240 lb/ac/year. Do not use in nurseries.									
Ridomil Gold SL	Mefenoxam (4)	100-1202	1.0 (fruit, citrus) 7.0 (oil) 7.0 (citrus pulp)	0	NO	48	--	--	
Other Use Requirements: Do not exceed the equivalent 6 lb a.i./ac of mfenoxam-containing products. Do not use in nurseries.									
Root Shield AG Granules	<i>Trichoderma harzianum</i> , Rifai strain T-22 (BM 02)	68539-4 68539-3	Exempt	0	NO	4	--	--	
Other Use Requirements: Do not tank mix Root Shield AG with imazalil, propiconazole, tebuconazole, or triflumizole.									
Root Shield Plus Granules Plus WP	<i>Trichoderma harzianum</i> Rifai strain T-22 (BM02) <i>T. virens</i> strain G-41 (BM02)	68539-10 68539-9	Exempt	0	NO	4	--	--	
Other Use Requirements: None									
Root Shield WP	<i>Trichoderma harzianum</i> , Rifai strain T-22 (BM02)	68539-7	Exempt	0	NO	4	--	--	
Other Use Requirements: None									
Satori	Azoxystrobin (11)	34704-1068	Fruit (group 10-10) 15.0 20 (dried pulp) 40 (oil)	0	NO	4	--	--	
Other Use Requirements: Do not apply more than 90.0 fl oz/ac/season for all uses or 1.5 lb a.i./ac/season. Not for nursery use.									
Serenade ASO MAX OPTI (Optimum) Soil	<i>Bacillus subtilis</i> strain QST 713 (BM 02)	264-1152 264-1151 264-1160 264-1152	Exempt	0	NO	4	--	--	
Other Use Requirements: None									

Trade Name or Generic Name	Common Name (FRAC MOA) ¹	EPA Registration Number ²	Tolerance Fruit (ppm) ³	Days to Harvest	Field Posting Required ⁴	REI Hr	EPCRA ⁵	
							TPQ (lb a.i.) ⁶	RQ (lb a.i.) ⁷
Serifel Biofungicide	<i>Bacillus amyloliquifaciens</i> MBI 600 (BM 02)	71840-18	Exempt	0	NO	4	1	2
Other Use Requirements: None								
Shepherd	Propiconazole (3)	69117-3	Nonbearing 1000 (oil) Fruit (group 10-10) 8	12 months	NO	24	--	--
Other Use Requirements: Do not apply more than 5.4 gal (0.67 lb a.i.)/ac/season.								
Shield-Brite TBZ 500D 99WP	Thiabendazole (1)	64864-66 64864-68	15 (oil) 10 (fruit group 10)	PH ⁸	NA	NA	--	--
Other Use Requirements: Postharvest only.								
Slant EC	Propiconazole (3)	91234-25 91234-221	Nonbearing 1000 (oil) Fruit (group 10-10) 8	12 months	NO	12	10,000 lb	--
Other Use Requirements: Do not apply more than 24 fl oz (0.67 lb a.i.)/ac/season.								
SNS-209 Organic Systemic Pest Control	Rosemary and rosemary oil (NC)	NA	Exempt	0	NO	0	--	--
Other Use Requirements: None								
Sonata	<i>Bacillus pumilis</i> strain QST-2808 (BM 02)	264-1153	Exempt	0	NO	4	--	--
Other Use Requirements: None								
SOPP Soap	Sodium ortho-phenylphenate (NC)	64864-45	10	PH ⁸	NA	NA	--	--
Other Use Requirements: Postharvest only.								
Strider	Propiconazole (3)	228-623	Nonbearing 1000 (oil) Fruit (group 10-10) 8	12 months	NO	12	--	--
Other Use Requirements: Do not apply more than 5.4 gal (0.67 lb a.i.)/ac/season.								
Subdue GR MAXX	Mefenoxam (4)	100-794 100-796	Nonbearing 1.0 (fruit, citrus) 7.0 (oil) 7.0 (citrus pulp)	12 months	NO	48	--	--
Other Use Requirements: Nonbearing. Do not exceed the equivalent 6 lb a.i./ac of mefenoxam-containing products. Do not use in greenhouse nursery stock intended for commercial use.								
Tenet WP	<i>Trichoderma asperellum</i> Strain ICC 012 (BM02) <i>T. gamsii</i> strain ICC 080 (BM02)	80289-9	Exempt	0	NO	1	--	--
Other Use Requirements: Not compatible with imazalil, dichloran, mancozeb, propiconazole, tenbuconazole, thiram, and triflumizole. Do not tank-mix or apply Tenet within 3 days before or after use of these products.								

Trade Name or Generic Name	Common Name (FRAC MOA) ¹	EPA Registration Number ²	Tolerance Fruit (ppm) ³	Days to Harvest	Field Posting Required ⁴	REI Hr	EPCRA ⁵		
							TPQ (lb a.i.) ⁶	RQ (lb a.i.) ⁷	
TerraClean 5.0	Peroxyacetic acid (NC) Hydrogen dioxide (NC)	70299-13	P Exempt up to 100 ppm in solution HP Exempt when = 1% per application	0	YES	0	H 1000 P 500	H 1000 P 500	
Other Use Requirements: None									
TerraCyte PRO	Sodium carbonate peroxyhydrate	70299-15	NA	0	NO	1	--	--	
Other Use Requirements: None									
Tetraban	Azoxystrobin (11)	1381-267	Fruit (group 10-10) 15.0 20 (dried pulp) 40 (oil)	0	NO	4	--	--	
Other Use Requirements: Do not apply more than 92.3 fl oz/ac/season for all uses or 1.5 lb a.i./ac/season. Do not use in citrus nurseries.									
Tide Propiconazole 41.8EC	Propiconazole (3)	84229-11	Nonbearing 1000 (oil) Fruit (group 10-10) 8.0	12 months	NO	12	--	--	
Other Use Requirements: Do not apply more than 24 fl oz (0.67 lb a.i.) PropiMax EC/ac/season.									
Tigris Azoxy 2 SC	Azoxystrobin (11)	92647-2	Fruit (group 10-10) 15.0 20 (dried pulp) 40 (oil)	0	NO	4	10,000	--	
Other Use Requirements: Do not apply more than 92.3 fl oz/ac/season for all uses or 1.5 lb a.i./ac/season. Not for nursery use.									
Tigris Prop 41.8%	Propiconazole (3)	92647-20	Nonbearing 1000 (oil) Fruit (group 10-10) 8.0	12	NO	12	10,000	--	
Other Use Requirements: Do not apply more than 24 fl oz (0.67 lb a.i.)/ac/season.									
Tilt	Propiconazole (3)	100-617	Nonbearing 1000 (oil) Fruit (group 10-10) 8.0	12 months	NO	12	--	>1,000 gal (p-xylene 100)	
Other Use Requirements: Do not apply more than 0.67 lb a.i. (24 fl oz/ac/season) of Tilt.									
Timorex Act	Tea tree oil (BM 01)	86182-3- 88783	Exempt	48	NO	4	10,000	--	
Other Use Requirements: None									
Topaz	Propiconazole (3)	42750-211- 1381	Nonbearing 1000 (oil) Fruit (group 10-10) 8.0	12 months	NO	12	--	226 gal (100 lb naphthalene)	
Other Use Requirements: Do not apply more than 24 fl oz (0.67 lb a.i.) PropiMax EC/ac/season.									

Trade Name or Generic Name	Common Name (FRAC MOA) ¹	EPA Registration Number ²	Tolerance Fruit (ppm) ³	Days to Harvest	Field Posting Required ⁴	REI Hr	EPCRA ⁵		
							TPQ (lb a.i.) ⁶		RQ (lb a.i.) ⁷
							1	2	
TREVO fungicide	Azoxystrobin (11)	89167-39-89391 89168-41-89391	Fruit (group 10-10) 15.0 20 (dried pulp) 40 (oil)	0	NO	4	--	--	
Other Use Requirements: Do not apply more than 92.3 fl oz/ac/season for all uses or 1.5 lb a.i./ac/season.									
Triathlon BA	<i>Bacillus amyloliquefaciens</i> strain D747 (BM 02)	70051-107-59807	Exempt	0	NO	4	--	--	
Other Use Requirements: None									
Trilogy	Neem oil extract (IRAC 18) (NC)	70051-2	Exempt	0	NO	4	--	--	
Other Use Requirements: Do not apply while bees are actively foraging. Do not apply within 5 days of a sulfur application.									
TurfShield Plus WP	<i>Trichoderma harzianum</i> Rifai strain T-22 (BM02) <i>Trichoderma virens</i> strain G-41 (BM 02)	68539-9	Exempt	0	NO	4	--	--	
Other Use Requirements: Not compatible with imazalil, propiconazole, tenbuconazole, and triflumizole. Do not tank-mix or apply TurfShield within 3 days before or after use of these products.									
Ultra Flourish	Mefenoxam (4)	55146-73	1.0 (fruit, citrus) 7.0 (oil) 7.0 (citrus pulp)	0	NO	48	--	100 lb (Naphthalene)	
Other Use Requirements: Do not exceed the equivalent 6 lb a.i./ac (24 pints) of mefenoxam-containing products. No more than 3 applications/season.									
Vacciplant	Laminarin (P 04)	83941-2-66330	Exempt	0	NO	4	--	--	
Other Use Requirements: None									
Veltyma	Pyraclostrobin (11) Mefentrifluconazole (3)	7969-409	P 12.5 (dried pulp) P 9.0 (oil) P Fruit (group 10-10) 2.0 M 2.0 (dried pulp) M 15 (oil)	0	NO	12	--	--	
Other Use Requirements: Do not apply more than 30 fl oz (0.39 lb mefentrifluconazole and pyraclostrobin)/ac/year. Do not make more than 3 applications.									
Velum	Flopyram (7)	264-1078	1.0 fruit, (group 10-10) 8.0 (oil)	7	NO	12	--	--	
Other Use Requirements: Do not exceed the equivalent 0.446 lb a.i./ac (13.7 fl oz) of flopyram-containing products.									
Willowood Azoxy 2SC	Azoxystrobin (11)	87290-44	Fruit (group 10-10) 15.0 20 (dried pulp) 40 (oil)	0	NO	4	--	--	
Other Use Requirements: Do not apply more than 92.3 fl oz/ac/season for all uses or 1.5 lb a.i./ac/season.									

Trade Name or Generic Name	Common Name (FRAC MOA) ¹	EPA Registration Number ²	Tolerance Fruit (ppm) ³	Days to Harvest	Field Posting Required ⁴	REI Hr	EPCRA ⁵	
							TPQ (lb a.i.) ⁶	RQ (lb a.i.) ⁷
Willowood Propicon 3.6EC	Propiconazole (3)	87290-7	Nonbearing 1000 (oil) Fruit (group 10-10) 8.0	12 months	NO	12	1 --	2 -- 226 gal
Other Use Requirements: Do not apply more than 24 fl oz (0.67 lb a.i.)/ac/season.								
Willowood Pyrac 2EC	Pyraclostrobin (11)	87290-64	12.5 (dried pulp) 9.0 (oil) Fruit (group 10-10) 2.0	0	NO	12	1,000 lb Ethylene oxide	-- 10 (ethylene oxide) 1463528.9
Other Use Requirements: Do not apply more than 54 fl oz (0.88 lb a.i.)/ac/season. No more than 2 sequential applications.								
Xylar FC	Metalaxyl (4)	89118-12	1.0 (fruit, citrus) 7.0 (oil) 7.0 (citrus pulp)	0	NO	48		
Other Use Requirements: Do not exceed the equivalent 4.3 gal or 12.0 lb a.i./ac of mefenoxam-containing products. Do not use in nurseries.								

¹ Mode of action class for citrus pesticides from the Insecticide, Fungicide, and Herbicide Resistance Action Committees. Refer to [chapter 4, Pesticide Resistance and Resistance Management](#), for more details.

² Extracted from product labels. Code of Federal Regulations and other federal and state regulations.

³ A letter before the number indicates to which common name the tolerance refers.

⁴ Read product label for specific use precautions, especially Worker Protection Standards and environmental concerns.

⁵ Emergency Planning and Community Right-To-Know Act. Information presented here is not intended to take the place of the actual regulation. Call the State Emergency Response Commission at 1-800-635-7179 for additional details.

⁶ Threshold Planning Quantity. If the grower meets or exceeds this amount, notification must be made. Placard vehicle not a facility. (1 = active ingredient is a gas, is molten, is in solution, or is a fine powder; 2 = is a granular or other larger particle form.)

⁷ Reportable Quantity. The amount of active ingredient that when spilled or released requires reporting to authorities within a 15-minute time frame. Should be reported by telephone to 850-413-9919 or 800-320-0519.

⁸ NA = not available; PH = postharvest only.

⁹ SL = See Label for use restrictions.

Table 6. Pesticides registered for use on Florida citrus—herbicides.

Trade Name or Generic Name	Common Name (HRAC MOA) ¹	EPA Registration Number ²	Tolerance Fruit (ppm)	Days to Harvest	Field Posting Required ³	REI Hr	EPCRA ⁴		
							TPQ (lb a.i.) ⁵		RQ (lb a.i.) ⁶
							1	2	
Aim EC	Carfentrazone-ethyl (E)	279-3241	0.1	3	NO	12	--	--	--
Other Use Requirements: None									
Alion	Indaziflam	264-1106	0.01	7	NO	12	--	--	--
Other Use Requirements: 24(c) SLN No. FL-110004; for application in citrus groves to trees established less than one year.									
AXXE	Ammonium nonanoate (Z)	70299-23	NA ⁷	0	NO	4	--	--	--
Other Use Requirements: None									
Broadworks	Mesotrione	100-1131	0.01	30	NO	12	--	--	--
Other Use Requirements: Do not exceed 6 fl oz/ac at the first application. Do not exceed 12 fl oz/ac or more than 3 applications within a 12-month period. Allow at least 5 months between applications at 6 fl oz/ac, and at least 6 weeks between applications of 6 fl oz/ac and subsequent applications at 3 fl oz/ac.									
Bromacil Hyvar X	Bromacil Bromacil (C1)	352-287	0.1	0	NO	12	--	--	--
Other Use Requirements: See Best Management Practice guidelines.									
Bromacil + Diuron Krovar I DF	Bromacil + diuron (C1, C2)	352-505	0.1, 1	0	NO	12	--	--	--
Other Use Requirements: See Best Management Practice guidelines.									
Chateau SW	Flumioxazin	59639-99	0.02	3	NO	12	--	--	--
Other Use Requirements:									
Diuron	Diuron (C2)		NA	0	NO	12	100	--	--
Direx 4L		66222-54							
Diuron 4L		19713-36 (Drexel)							
Diuron 4L		9779-329 (Winfield Solutions LLC)							
Diuron 4L		66222-54 (Mana)							
Diuron 4L		34704-854 (Loveland)							
Diuron 80		352-692							
Diuron 80		19713-274 (Drexel)							
Diuron 80DF		9779-318 (Agrisolutions)							
Diuron 80DF		66222-51 (Mana)							
Diuron 80 WDG		34704-648							
Karmex DF		66222-51							
Other Use Requirements: None									
Fusilade DX	Fluazifop-P-butyl (A)	100-1070		14 days	NO	12	--	--	--
Other Use Requirements: None									
Glyphosate	Glyphosate (G)		0.5	1	NO	4 to 12*	--	--	--
Buccaneer		55467-10							
Buccaneer Plus		55467-9							
Credit Extra		71368-65				4 to 12*			

Trade Name or Generic Name	Common Name (HRAC MOA) ¹	EPA Registration Number ²	Tolerance Fruit (ppm)	Days to Harvest	Field Posting Required ³	REI Hr	EPCRA ⁴		
							TPQ (lb a.i.) ⁵		RQ (lb a.i.) ⁶
							1	2	
Durango		62719-517							
Durango DMA		62719-556							
Glyphomax		62719-323							
Glyphomax Plus		62719-322							
Honcho		524-445							
Honcho Plus		524-454							
Mad Dog		34704-889				4			
Mad Dog Plus		34704-890							
Ranger Pro		524-517							
Roundup PowerMax		524-549							
Roundup WeatherMax		524-537							
Touchdown HiTech		100-1182							
Other Use Requirements: None.*See labels for REI details.									
Goal	Oxyfluorfen (E)	(2.0 E) 62719-424	Nonbearing	12 months	NO	24	--	--	--
Other Use Requirements: None									
Gramoxone SL2.0	Paraquat dichloride(D)	100-1431	0.05N	1	NO	24	10	10,000	1
Other Use Requirements: RESTRICTED PESTICIDE. ⁸									
Landmaster II	Glyphosate + 2,4-D (G, O)	SLN FL 00-0004 524-376	5	7	NO	48	--	--	--
Other Use Requirements: See Florida State Statute SE-2.033 and supplemental labeling.									
Matrix Matrix FNV Matrix SG	Rimsulfuron	352-556 352-671 352-768	0.01	3	NO	4	--	--	--
Other Use Requirements: RESTRICTED PESTICIDE. ⁸									
Pendimethalin	Pendimethalin (K1)								
Prowl H ₂ O		241-418		1 day	NO	24	--	--	--
Other Use Requirements: None									
Poast Plus	Sethoxydim (A)	7969-88	0.5	15	NO	12	--	--	--
Other Use Requirements: None									
Remedy Ultra	Triclopyr (O)	62719-552 SLN FL 080004	NA	NA	NO	Until dry	--	--	--
Rely 280	Glufosinate ammonium	264-829	0.15	14	NO	12	--	--	--
Other Use Requirements: None									
Select 2 EC	Clethodim (A)	59639-3-1381	NA	NA	NO	24	--	--	--
Select Max		59639-132	NA	NA	NO	24	--	--	--
Other Use Requirements: <i>Should be used ONLY in nonbearing citrus trees.</i>									
Simazine	Simazine (C1)		Grapefruit—0.25 Oranges—0.25	NA ⁷	NO	12	--	--	--
Princep Caliber 90		100-603							

Trade Name or Generic Name	Common Name (HRAC MOA) ¹	EPA Registration Number ²	Tolerance Fruit (ppm)	Days to Harvest	Field Posting Required ³	REI Hr	EPCRA ⁴		
							TPQ (lb a.i.) ⁵		RQ (lb a.i.) ⁶
							1	2	
Princep 4L		100-526							
Simazine 4L		9779-296							
Simazine 4L		19713-60							
Simazine 4L		34704-687							
Simazine 90DF		100-603-33270							
Simazine 90DF		9779-295							
Simazine 90DF		19713-252							
Simazine 90WDG		34704-686							
Sim-Trol 90DF		35915-12-60063							
Other Use Requirements: None									
Solicam	Norflurazon (F1)	100-849	0.2	30	NO	12	--	--	--
Other Use Requirements: None									
Surflan Oryzalin 4 A.S.	Oryzalin (K1)	(AS) 70506-43 66222-138	0.05	--	NO	24	--	--	--
Other Use Requirements: None									
Treevix	Saflufenacil	7969-276	0.03	1	NO	12	--	--	--
Other Use Requirements: None									
Treflan HFP	Trifluralin (K1)	62719-250	0.05	--	NO	12	10	10,000	10
Other Use Requirements: None									
¹ Mode of action class for citrus pesticides from the Insecticide, Fungicide, and Herbicide Resistance Action Committees. Refer to chapter 4, Pesticide Resistance and Resistance Management , for more details. ² Extracted from product labels, Code of Federal Regulations and other federal and state regulations. ³ Read product label for specific use precautions, especially Worker Protection Standards and environmental concerns. ⁴ Emergency Planning and Community Right-To-Know Act. Information presented here is not intended to take the place of the actual regulation. Call the State Emergency Response Commission at 1-800-635-7179 for additional details. ⁵ Threshold Planning Quantity. If the grower meets or exceeds this amount, notification must be made. Placard vehicle not a facility. (1 = active ingredient is a gas, is molten, is in solution, or is a fine powder; 2 = is a granular or other larger particle form.) ⁶ The amount of active ingredient that when spilled or released requires reporting to authorities with a 15-minute time frame. Should be reported by telephone to 850-413-9919 or 800-320-0519. ⁷ NA = not available. ⁸ A certification license is required to purchase and apply or must be under the supervision of a licensee and only for those uses covered by the certified applicator's certification.									

Table 7. Pesticides registered for use on Florida citrus—plant growth regulators and other products.

Trade Name or Generic Name	Common Name (Active Ingredients)	EPA Registration Number ¹	Tolerance Fruit (ppm)	Days to Harvest	Field Posting Required ²	REI Hr	EPCRA ³		
							TPQ (lb a.i.) ⁴		RQ (lb a.i.) ⁵
							1	2	
Ascend	Cytokinin + Gibberellic acid + Indole-3-butyric acid	9779-335 (SL)1381-253 (WSG)1381-254	Exempt	NA	NO	4			
Other Use Requirements: None									
Citrus Fix	Isopropyl	5481-145	3	7	NO	12	--	--	--
Other Use Requirements: RESTRICTED PESTICIDE. ⁶									
Cytokin Bioregulator Concentrate	Cytokinin	90930-3	Exempt	NA	NO	4			
Other Use Requirements: None									
Cytoplex HMS	Cytokinin + Gibberellic acid + Indole-3-butyric acid	90930-6	Exempt	NA	NO	4			
Other Use Requirements: None									
Drexel Sprout-Stop	Potassium salt of maleic hydrazide	19713-2	NA	--	NO	12			
Other Use Requirements: None. Use on nonbearing.									
Endurance	Choline chloride + gamma aminobutyric acid	34704-1125		NA	NO	4			
Other Use Requirements: None									
Falgro	Gibberellic acid	(20SP) 62097-3-82917 (4L) 62097-2-82917	Exempt	0	NO	4			
Other Use Requirements: None									
Gib Gro	Gibberellic acid	(4 LS) 55146-62 (20%) 55146-53	Exempt	NA	NO	4	--	--	--
Other Use Requirements: None									
Homobrassinolide	Homobrassinolide	69361-49	Exempt	15	NO	4			
Other Use Requirements: None									
Hone Plant Growth Stimulant	Cytokinin + Gibberellic acid + Indole-3-butyric acid	62097-51-82917		NA	NO	4			
Other Use Requirements: None									
Hormodin 3	Indole-3-butyric acid	59807-3	NA	--	--	--			
Other Use Requirements: Use on propagation.									
InLine Soil Fumigant	Trans 1,3-dichloropropene + chloropicrin	62719-348	NA	NA ⁸	YES	5 days	0	10,000	0
Other Use Requirements: SL. ⁷ See label for geographic restrictions in Florida. Use during preplant.									
KickStand PGR	Indole-3-butyric acid	5905-540	Exempt	NA	NO	4			
Other Use Requirements: None									
N-Large	Gibberellic acid	57538-18	Exempt	7	NO	12			
Other Use Requirements: None									

Trade Name or Generic Name	Common Name (Active Ingredients)	EPA Registration Number ¹	Tolerance Fruit (ppm)	Days to Harvest	Field Posting Required ²	REI Hr	EPCRA ³		
							TPQ (lb a.i.) ⁴		RQ (lb a.i.) ⁵
							1	2	
ProGibb	Gibberellic acid	(4%) 73049-15 (40%) 73049-1 (LV) 73049-498	Exempt	0	NO	4	--	--	--
Other Use Requirements: None									
Radiate	Cytokinin + Indole-3-butyric acid	34704-909	Exempt	NA	NO	4			
Other Use Requirements: None									
Receptor	Cytokinin + Gibberellic acid + Indole-3-butyric acid	5905-594	Exempt	NA	NO	4			
Other Use Requirements: None									
Rhizopon AA #3	Indole-3-butyric acid	63310-21	NA	--	NO	0			
Other Use Requirements: None. Use on propagation.									
Rio	Cytokinin + Gibberellic acid + Indole-3-butyric acid	66330-381	Exempt	NA	NO	4			
Other Use Requirements: None									
Sevin SL Carbaryl Insecticide	Carbaryl	432-1227	--	5	YES	12			
Other Use Requirements: None									
Stimplex	Cytokinin	75287-3	Exempt	0	NO	4			
Other Use Requirements: None									
Telone	1,3-dichloropropene	95290-1 95290-3	NA	NA ⁸	YES	5 days	0	10,000	100
Other Use Requirements: SL. ⁷ See label for geographic restrictions in Florida. Use on replant.									
Validate	Cytokinin	34704-910	Exempt	40	NO	4			
Other Use Requirements: None									
Vapam HL	Metam-sodium (SMCD)	5481-468	NA	NA ⁸	YES	48	0	10,000	100
Other Use Requirements: SL. ⁷ Use on replant.									
X-Cyte	Cytokinin	57538-15	Exempt	NA	NO	4			
Other Use Requirements: None									
X-Pand	Gibberellic acid	57538-63	Exempt	0	NO	4			
Other Use Requirements: None									

¹ Extracted from product labels, Code of Federal Regulations and other federal and state regulations.

² Read label for specific use precautions, especially Worker Protection Standards & environmental concerns.

³ Emergency Planning and Community Right-To-Know Act. Information presented here is not intended to take the place of the actual regulation. Call the State Emergency Response Commission at 1-800-635-7179 for additional details.

⁴ Threshold Planning Quantity. If the grower meets or exceeds this amount, notification must be made. Placard vehicle not a facility. (1 = active ingredient is a gas, is molten, is in solution, or is a fine powder; 2 = is a granular or other larger particle form.)

⁵ The amount of active ingredient that when spilled or released requires reporting to authorities with a 15-minute time frame. Should be reported by telephone to 850-413-9919 or 800-320-0519.

⁶ A certification license is required to purchase and apply or must be under the supervision of a licensee and only for those uses covered by the certified applicator's certification.

⁷ SL = See label for use restrictions.

⁸ NA = Not available.

⁹ Postharvest use only.