

combination of active ingredients and modes of action contained in the product

storage rots is recommended for fruit coming from orchards where sporulating brown rot was observed, or when one hopes to keep fruit in cold storage for a few days prior to sale. Holding tanks in postharvest treatment equipment must have excellent agitation to keep fungicides in suspension. Solutions must be replenished regularly as directed on the product label. Never expose treated fruit to direct sunlight. This will cause the fungicide to break down.

### 14.3 Storage Rots

#### • Pesticide Application Notes

[23.1] A postharvest treatment with Scholar SC via dipping, flooders, T-jet, or similar system for control of

### 14.3 Peach and Nectarine Spray Table

**Table 14.3.1. Pesticide Spray Table – Peaches and Nectarines.**

Refer to back of book for key to abbreviations and footnotes.

Refer to label for registration status before applying any pesticide to nectarines.

Pest	Product	Amt/100 gal	Amt/A	REI (hrs)	PHI (days)	Comments (see text)	
<b>Dormant</b>							
<b>Bacterial Spot</b>	C-O-C-S WDG	4.0 lb/100 gal	12-16 lb/A	24	PF	[1.2]	
	OR Kocide 2000		6-12 lb/A	48	21		
	OR Kocide 3000		3.5-7.0 lb/A	48	0		
	OR Cuprofix Ultra 40D		5.0-7.5 lb/A	48	SS		
	OR §Champ WG		8-16 lb/A	48	21		
	OR or other (§)copper formulations (see label)						
<b>Peach leaf curl</b>	Bravo Ultrex 82.5WDG or Bravo Weather Stik 6F or other chlorothalonil formulations (see labels)	0.9-1.25 lb/100 gal 1.0-1.4 pt/100 gal	2.8-3.8 lb/A 3.1-4.1 pt/A	12 hr- 7days (E)	SS	[3.1]	
	OR C-O-C-S or other (§)copper formulations; see labels	4 lb/100 gal	12-16 lb/A	24	PF		
	OR Echo 720 or Echo 90DF	1.0-1.4 pt/100 gal 0.75-1.2 lb/100 gal	3.1-4.1 pt/A 2.25-3.5 lb/A	12hr/7 days(E)	SS		
	OR Ferbam Granuflo	1.5 lb/100 gal	4.5 lb/A	24	21		
	OR Kocide 2000		6-12 lb/A	48	21		
	OR Kocide 3000		3.5-7.0 lb/A	48	0		
	OR Thiram Granuflo	1.2 lb/100 gal	3.5 lb/A	24	7		
	OR Ziram 76DF	1.25-2.7 lb/100 gal	3.75-8 lb/A	48	14		
	<b>Phytophthora root, crown, and collar rots</b>	Ridomil Gold SL 4EC		2 qt/A	48	0	[6.2]
	<b>Cottony peach scale, European fruit lecanium, San Jose scale, European red mite</b>	(§)oil	2-3 gal/100 gal		12	0	[11.1] [11.1] [12.1]
<b>Pink</b>							
<b>Brown rot (blossom blight)</b>		Adament 50WG		4-8 oz/A	12	1	
	OR Bravo WeatherStik 6F or other chlorothalonil formulations (see labels)	1.0-1.4 pt/100 gal	3.1-4.1 pt/A	12hr/7 days(E)	SS		
	OR Captan 50WP or Captan 80WDG	1-2 lb/100 gal	4-8 lb/A 2.5-5 lb/A	24 24	0 0		
	OR Captan 50WP or Captan 80WDG or Captan 4L	0.75-1 qt/100 gal		24	0		

**Table 14.3.1. Pesticide Spray Table – Peaches and Nectarines.**

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Refer to label for registration status before applying any pesticide to nectarines.

Pest	Product	Amt/100 gal	Amt/A	REI (hrs)	PHI (days)	Comments (see text)	
<b>Pink (continued)</b>							
<b>Brown rot (blossom blight) (continued)</b>	OR Echo 720	1.0-1.4 pt/100 gal	3.1-4.1 pt/A	12 hr/7 days(E)	SS		
	or Echo 90DF	0.75-1.2 lb/100 gal	2.25-3.5 lb/A				
	OR Elevate 50WDG		1.5 lb/A	12	0		
	OR Indar 2F		6 fl oz/A	12	0		[2.8]
	OR Pristine 38 WDG		10.5-14.5 oz/A	12	0		
	OR Quash 50WDG		2.5-3.5 oz/A	12	14		
	OR Rally 40WSP		2.5-6 oz/A	24	0		[2.8]
	OR Rovral 4F		1-2 pt/A	24	PF		[2.3]
	OR Scala SC		9-18 fl oz/A	12	2		
	OR Sulfur 92WP	5-10 lb/100 gal		24	0		
	OR §Microthiol Disperss or other (§)sulfur products	See labels	10-20 lb/A	24			
	OR Tebuzol 45 DF	2 oz/100 gal	4-8 oz/A	120	0		[2.8]
	OR Thiram Granuflo	1.2 lb/100 gal	3.5 lb/A	24	7		[2.3]
	OR Tilt 3.6 EC		4 fl oz/A	12	0		[2.8]
	OR Topsin M 70 WP,WSB or Topsin 4.5 Fl	0.33-0.5 lb/100 gal 6.7-10 fl oz/100 gal	1-1.5 lb/A 20-30 fl oz/A	48 48	1 1		
OR Vanguard 75WG		5-10 oz/A	12	BL			
<b>Tarnished plant bug</b>	*Asana XL 0.66EC	2.0-5.8 fl oz/100 gal	4.8-14.5 fl oz/A	12	14	[21.1]	
	OR Assail 30SG		5.3-8.0 oz/A	12	7		
	OR *Baythroid XL 1 EC		2.0-2.4 fl oz/A	12	7		
	OR Beleaf 50 SG		2.0-2.8 oz/A	12	14		
	OR *Pounce 25WP		6.4-16 oz/A	12	14		
	OR *Proaxis 0.5 CS		2.6-5.1 fl oz/A	24	14		
	OR *Warrior II 2.08 CS		1.3-2.5 fl oz/A	24	14		
The following pre-mix product is also labeled for use against this pest; however, for best effectiveness and insecticide resistance management, its use should be reserved for situations when multiple pest species are present and appropriately matched to the combination of active ingredients and modes of action contained in the product.							
	OR *Voliam Xpress		6-12 fl oz/A	24	14		
<b>Bloom</b>							
<b>Brown rot (blossom blight)</b>	See materials listed under Pink						
<b>Oriental fruit moth</b>	See comments [16.1] regarding pheromone disruption						
<b>Petal Fall</b>							
<b>Brown rot (blossom blight)</b>	See materials listed under Pink [2.5]						
<b>American plum borer, Peachtree borer, Lesser peachtree borer</b>	Asana XL 0.66Ec	2.0-5.8 fl oz/100 gal	4.8-14.5 fl oz/A	12	14	[10.1]	
	OR *Baythroid XL 1EC		[see comment]	12	7	[10.2]	

**Table 14.3.1. Pesticide Spray Table – Peaches and Nectarines.**

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Refer to label for registration status before applying any pesticide to nectarines.

Pest	Product	Amt/100 gal	Amt/A	REI (hrs)	PHI (days)	Comments (see text)
<b>Petal Fall (continued)</b>						
<b>American plum borer, Peachtree borer, Lesser peachtree borer (continued)</b>	OR *Lorsban 4EC	3 qt/100 gal		96	14	[10.1]
	or *Lorsban Advanced 3.8EC	3 qt/100 gal		96	14	
	or Lorsban 75 WG	4 lb/100		96	14	
	OR *Pounce 25WP		6.4-16.0 oz/A	12	14	[10.2]
	OR *Proaxis		2.6-5.1 fl oz/A	24	14	
	OR *Warrior II		1.3-2.6 fl oz/A	24	14	
	OR (§)Pheromone disruption ties: Isomate PTB-Dual		150 ties/A			[17.1]
The following pre-mix products are also labeled for use against this pest; however, for best effectiveness and insecticide resistance management, their use should be reserved for situations when multiple pest species are present and appropriately matched to the combination of active ingredients and modes of action contained in the product.						
	OR *Endigo ZC		5-5.5 fl oz/A	24	14	
	OR *Leverage 360		2.4-2.8 fl oz/A	12	7	
	OR *Voliam Xpress		6-12 fl oz/A	24	14	
<b>Green peach aphid</b>	Actara		3.0-4.0 oz/A	12	14	[13.1]
	OR Assail 30SG		2.5-5.3 oz/A	12	7	
	OR Beleaf 50SG		2.0-2.8 oz/A	12	14	
	OR *Lannate LV 2.4L	0.75 pt/100 gal	3 pt/A	96	4	[13.1]
	or *Lannate 90SP	0.25 lb/100 gal	1 lb/A	96	4	
	OR Movento SC		6.0-9.0 fl oz/A	24	7	[13.1]
	OR *Thionex 3EC	2/3 qt/100 gal	3.3 qt/A	7 days	30	[13.2]
	or *Thionex 50WP	1 lb/100 gal	4-5 lb/A	20 days	30	
The following pre-mix product is also labeled for use against this pest; however, for best effectiveness and insecticide resistance management, its use should be reserved for situations when multiple pest species are present and appropriately matched to the combination of active ingredients and modes of action contained in the product.						
	OR *Endigo ZC		5-5.5 fl oz/A	24	14	
<b>Oriental fruit moth</b>	See materials listed under Shuck Split					
<b>Tarnished plant bug</b>	See materials listed under Pink plus					
	Actara		4.5-5.5 oz/A	12	14	[21.3]
	OR Belay 2.1 EC		6 fl oz/A	12	21	[21.3]
The following pre-mix product is also labeled for use against this pest; however, for best effectiveness and insecticide resistance management, its use should be reserved for situations when multiple pest species are present and appropriately matched to the combination of active ingredients and modes of action contained in the product.						
	OR *Leverage 360		2.4-2.8 fl oz/A	12	7	
<b>Western flower thrips</b>	Actara 25WDG		4.5-5.5 oz/A	12	14	
	OR Delegate 25 WG		4.5-7 oz/A	4	1	
	OR §Entrust 80WP	0.4-0.8 oz/100 gal	1.25-2.5 oz/A	4	1	
The following pre-mix products are also labeled for use against this pest; however, for best effectiveness and insecticide resistance management, their use should be reserved for situations when multiple pest species are present and appropriately matched to the combination of active ingredients and modes of action contained in the product.						

**Table 14.3.1. Pesticide Spray Table – Peaches and Nectarines.**

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Pest	Product	Amt/100 gal	Amt/A	REI (hrs)	PHI (days)	Comments (see text)
<b>Petal Fall (continued)</b>						
Western flower thrips (continued)	OR *Endigo ZC		5-5.5 fl oz/A	24	14	
	OR *Voliam Express		6-12 fl oz/A	24	14	
<b>Shuck Split</b>						
Brown rot	Adament 50WG		4-8 oz/A	12	1	[2.6]
	OR Bravo WeatherStik 6F or other chlorothalonil formulations (see labels)	1.0-1.4 pt/100 gal	3.1-4.1 pt/A	12hr/7 days(E)	SS	
	OR Captan 50WP or Captan 80 WDG or Captec 4L	1-2 lb/100 gal 0.75- 1 qt/100 gal	4-8 lb/A 2.5-5 lb/A	24 24	0 0	
	OR Echo 720 or Echo 90DF	1.0-1.4 pt/100 gal 0.75-1.2 lb/100 gal	3.1-4.1 pt/A 2.25-3.5 lb/A	12hr/7 days(E)	SS SS	
	OR Elevate 50WDG		1.5 lb/A	12	0	
	OR Indar 2F		6 fl oz/A	12	0	[2.8]
	OR Pristine 38WDG		10.5-14.5 oz/A	12	0	
	OR Quash 50 WDG		2.5-3.5 oz/A	12	14	
	OR Rally 40WSP		2.5-6 oz/A	24	0	[2.8]
	OR Sulfur 92WP	5-10 lb/100 gal		24	0	[2.6]
	OR §Microthiol Disperss or other (§)sulfur products	See labels	10-20 lb/A	24	0	
	OR Tebuzol 45 DF	2 oz/100 gal	4-8 oz/A	120	0	[2.8]
	OR Thiram Granuflo	1.2 lb/100 gal	3.5 lb/A	24	7	
	OR Tilt 3.6EC		4 fl oz/A	12	0	[2.8]
	OR Topsin M 70 WP, WSB	0.33-0.5 lb/100 gal	1-1.5 lb/A	48	1	
	OR Topsin 4.5 FL	6.7-10 fl oz/100 gal	20-30 fl oz/A	48	1	
Bacterial spot	§Mycoshield 17WP	12 oz/100 gal		12	21	[1.3]
	OR FireLine 17 WP	12 oz/100 gal		12	21	
	OR (§)copper products	See comments				[1.4]
Peach scab	Abound 2.08 F		11-15 fl oz/A	4	0	[4.2]
	OR Adament 50 WG		4-8 oz/A	12	1	
	OR Bravo Ultrex 82.5WDG or Bravo Weather Stik 6F or other chlorothalonil formulations (see labels)	0.9-1.25 lb/100 gal 1.0-1.4 pt/100 gal	2.8-3.8 lb/A 3.1-4.1 pt/A	12 hr/7 days(E)	SS	
	OR Echo 720 or Echo 90DF	1.0-1.4 pt/100 gal 0.75-1.2 lb/100 gal	3.1-4.1 pt/A 2.25-3.5 lb/A	12hr/7 days(E)	SS SS	
	OR Captan 50WP or Captan 80 WDG or Captec 4L	1-2 lb/100 gal 0.75-1 qt/100 gal	4-8 lb/A 2.5-5 lb/A	24 24	0 0	
	OR Gem 500SC		1.9-3.8 oz/A	12	1	
	OR Indar 2F		6 fl oz/A	12	0	

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Pest	Product	Amt/100 gal	Amt/A	REI (hrs)	PHI (days)	Comments (see text)
<b>Shuck Split (continued)</b>						
<b>Peach scab</b> (continued)	OR Sulfur 92WP	5-10 lb/100 gal		24	0	
	or §Microthiol Disperss 80DF		6-12 lb/A	24	0	
	or other (§)sulfur products	See labels				
	OR Quash		2.5-3.5 oz/A	12	14	
	OR Thiram Granuflo	1.2 lb/100 gal	3.5 lb/A	24	7	[2.3]
	OR Topsin M 70WP <i>plus</i> Captan 80 WDG		0.5-0.75 lb/A 1.25-2.5 lb/A	48 24	1 0	
	OR Altacor 35 WDG		3.0-4.5 oz/A	4	10	[15.1]
<b>Obliquebanded leafroller</b>	OR *Baythroid XL 1EC		2.4-2.8 fl oz/A	12	7	
	OR Belt SC		3.0-4.0 fl oz/A	12	7	
	OR §Biobit HP		0.5-2.0 lb/A	4	0	
	OR *Danitol 2.4EC		10.7-21.3 fl oz/A	24	3	
	OR Delegate 25 WG		4.5-7.0 oz/A	4	1	[15.1]
	OR §Deliver		0.5-2.0 lb/A	4	0	
	OR §Dipel DF		0.5-2.0 lb/A	4	0	
	OR §Entrust 80WP	0.4-0.8 oz/100 gal	1.25-2.5 oz/A	4	1	[15.1]
The following pre-mix products are also labeled for use against this pest; however, for best effectiveness and insecticide resistance management, their use should be reserved for situations when multiple pest species are present and appropriately matched to the combination of active ingredients and modes of action contained in the product.						
	OR *Leverage 360		2.4-2.8 fl oz/A	12	7	
	OR Tourismo		10-14 fl oz/A	12	14	
	OR *Voliam Xpress		6-12 fl oz/A	24	14	
<b>Oriental fruit moth,</b>	Actara		4.5-5.5 oz/A	12	14	[16.2]
	OR Altacor 35 WDG		3.0-4.5 oz/A	4	10	[16.2, 17.2]
<b>Lesser peachtree borer,</b>	OR *Asana XL 0.66EC	2.0-5.8 fl oz/100 gal	4.8-14.5 fl oz/A	12	14	
	OR Assail 30SG		5.3-8.0 oz/A	12	7	[17.2]
<b>Plum curculio</b>	OR Avaunt 30WDG		5.0-6.0 oz/A	12	14	[16.2]
	OR §Aza-Direct 1.2L		1-2 pts/A	4	0	
	OR Azatin XL 3L		10-21 fl oz/A	4	0	
	OR *Baythroid XL 1EC					[10.2, 17.3]
	for lesser peachtree borer:		1.4-2.0 fl oz/A	12	7	
	for oriental fruit moth:		2.0-2.4 fl oz/A	12	7	
	for plum curculio:		2.4-2.8 fl oz/A	12	7	
	OR Belay		6.0 fl oz/A	12	21	[18.1, 16.2, 17.2]
	OR Belt SC		3.0-4.0 fl oz/A	12	14	[16.2]
	OR *Danitol 2.4EC		10.7-21.3 fl oz/A	24	3	
OR Delegate 25WG		6.0-7.0 oz/A	4	1	[16.2]	
OR Imidan 70W	0.75-1.0 lb/100 gal	2.1-4.25 lb/A	96	14	[16.4]	
OR Intrepid 2F		10-16 fl oz/A	4	7	[16.2]	

**Table 14.3.1. Pesticide Spray Table – Peaches and Nectarines.**

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Refer to label for registration status before applying any pesticide to nectarines.

Pest	Product	Amt/100 gal	Amt/A	REI (hrs)	PHI (days)	Comments (see text)
<b>Shuck Split (continued)</b>						
<b>Oriental fruit moth,</b>	OR *Pounce 25WP		6.4-16.0 oz/A	12	14	[10.2]
	OR *Proaxis 0.5CS		2.6-5.1 fl oz/A	24	14	
<b>Lesser peachtree borer,</b>	OR Sevin XLR Plus, 4F		2-3 qt/A	12	3	
	OR §Surround 95WP		25-50 lb/A	4	0	[18.2]
<b>Plum curculio (continued)</b>	OR *Warrior II		1.3-2.6 fl oz/A	24	14	
	OR (§)Pheromone disruption:					
	§Checkmate OFM Dispenser		100-200 dispensers/A			[16.1]
	or Checkmate OFM Flowable		1.3-2.9 fl oz/A			[16.1]
	or Isomate-M 100		100 ties/A			[16.1]
	Isomate PTB-Dual		150 ties/A			[17.1]
The following pre-mix products are also labeled for use against this pest; however, for best effectiveness and insecticide resistance management, their use should be reserved for situations when multiple pest species are present and appropriately matched to the combination of active ingredients and modes of action contained in the product.						
	OR *Endigo ZC		5-5.5 fl oz/A	24	14	
	OR *Leverage 360		2.4-2.8 fl oz/A	12	7	
	OR Tourismo		10-14 fl oz/A	12	14	
	OR *Voliam Xpress		6-12 fl oz/A	24	14	
<b>San Jose Scale, Lecanium Scale</b>	Centaur		34.5-46.0 oz/A	12	14	[11.2]
	OR Admire Pro		1.4-2.8 fl oz/A	12	0	
	OR Esteem 0.86EC		13-16 fl oz/A	12	14	
	OR Movento		6.0-9.0 fl oz/A	24	7	
<b>Tarnished plant bug</b>	See materials listed under Petal Fall					
<b>Additional Summer Sprays</b>						
<b>Bacterial spot</b>	§Mycoshield 17WP	12 oz/100 gal		12	21	[1.3]
	OR FireLine 17WP	12 oz/100 gal		12	21	
	OR (§)copper products	See comments				[1.4]
<b>Brown rot</b>	Adament 50 WG		4-8 oz/A	12	1	
	OR Captan 50WP	1-2 lb/100 gal	4-8 lb/A	24	0	[2.8]
	or Captan 80 WDG		2.5-5 lb/A	24	0	
	or Captec 4L	0.75-1 qt/100 gal		24	0	
	OR Elevate 50WDG		1.5 lb/A	12	0	
	OR Indar 2F		6 fl oz/A	12	0	
	OR Pristine 38WDG		10.5-14.5 oz/A	12	0	
	OR Quash 50WDG		2.5-4.0 oz/A	12	14	
	OR Rally 40WSP		2.5-6 oz/A	24	0	
	OR Tebuzol 45 DF	2 oz/100 gal	4-8 oz/A	120	0	
	OR Thiram Granuflo	1.2 lb/100 gal	3.5 lb/A	24	7	[2.3]
OR Tilt 3.6EC		4 fl oz/A	12	0		

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Refer to label for registration status before applying any pesticide to nectarines.

Pest	Product	Amt/100 gal	Amt/A	REI (hrs)	PHI (days)	Comments (see text)	
<b>Additional Summer Sprays (continued)</b>							
<b>Brown rot</b> (continued)	OR Sulfur 92WP	5-10 lb/100 gal		24	0		
	OR §Microthiol Disperss or other (§)sulfur products	See labels	10-20 lb/A	24	0		
<b>Peach scab</b>	Adament 50WG		4.0-8.0 oz/A	12	1	[4.2]	
	OR Captan 50WP or Captan 80 WDG or Captec 4L	1-2 lb/100 gal 0.75-1 qt/100 gal	4-8 lb/A 2.5-5 lb/A	24 24	0 0		
	OR Gem 500SC		1.9-3.8 oz/A	12	1		
	OR Sulfur 92WP or §Microthiol Disperss 80DF	6-8 lb/100 gal	6-12 lb/A	24 24	0 0		
	OR Thiram Granuflo	1.2 lb/100 gal	3.5 lb/A	24	7	[2.3]	
	OR Topsin M 70WP plus: Captan 80 WDG		1.25-2.5 lb/A	48 24	1 0		
	<b>Powdery mildew</b> (rusty spot)	Sulfur 92WP	5-10 lb/100 gal		24	0	[7.2]
		OR §Microthiol Disperss		10-20 lb/A	24	0	
OR Adament 50WG			4.0-8.0 oz/A	12	1		
OR Quintec 2.08EC			7 fl oz/A	12	7		
<b>European red mite,</b> <b>Twospotted spider mite</b>	Acramite 50WS		0.75-1.0 lb/A	12	3	[12.2]	
	OR Apollo 4SC		2.0-8.0 oz/A	12	21		
	OR Envidor 2SC		16-18 fl oz/A	12	7		
	OR Nexter 75WS		4.4-10.7 oz/A	12	7	[12.2]	
	OR Onager 1EC		12-24 fl oz/A	12	28		
	OR Portal		2 pts/A	12	365	[12.3]	
	OR Savey 50DF		3.0-6.0 oz/A	12	28		
	OR *Vendex 50WP OR Zeal 72 WS		1.0-2.0 lb/A 2.0-3.0 oz/A	48 12	14 7		
<b>Green peach aphid</b>	Actara		3.0-4.0 oz/A	12	14	[13.1]	
	OR *Admire Pro		1.4-2.8 fl oz/A	12	0		
	OR Assail 30SG		2.5-5.3 oz/A	12	7		
	OR Beleaf 50SG		2.0-2.8 oz/A	12	14		
	OR *Lannate LV 2.4L or *Lannate 90SP	0.75 pt/100 gal 0.25 lb/100 gal	3 pt/A 1 lb/A	96 96	4 4	[13.1]	
	OR Movento		6.0-9.0 fl oz/A	24	7		
	OR Provado 1.6F		4.0-8.0 fl oz/A	12	0		
	OR *Thionex 3EC or *Thionex 50WP	2/3 qt/100 gal 1 lb/100 gal	3.3 qt/A 4-5 lb/A	7 days 20 days	30 30	[13.2]	
The following pre-mix product is also labeled for use against this pest; however, for best effectiveness and insecticide resistance management, its use should be reserved for situations when multiple pest species are present and appropriately matched to the combination of active ingredients and modes of action contained in the product.							
	OR *Endigo ZC		5-5.5 fl oz/A	24	14		

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<b>Additional Summer Sprays (continued)</b>						
<b>Japanese Beetle</b>	*Admire Pro		1.4-2.8 fl oz/A	12	0	[14.2]
	OR Assail 30SG		5.3-8.0 oz/A	12	7	
	OR Provado 1.6F		4.0-8.0 fl oz/A	12	0	
	OR Sevin XLR Plus, 4F		2-3 qt/A	12	3	
The following pre-mix products are also labeled for use against this pest; however, for best effectiveness and insecticide resistance management, their use should be reserved for situations when multiple pest species are present and appropriately matched to the combination of active ingredients and modes of action contained in the product.						
	OR *Endigo ZC		5-5.5 fl oz/A	24	14	
	OR *Leverage 360		2.4-2.8 fl oz/A	12	7	
	OR *Voliam Express		6-12 fl oz/A	24	14	
<b>Lecanium scale, San Jose scale</b>	Admire Pro		1.4-2.8 fl oz/A	12	0	[11.2]
	OR Centaur		34.5-46 oz/A	12	14	
	OR Esteem 0.86EC		13-16 fl oz/A	12	14	
	OR Movento		6.0-9.0 fl oz/A	24	7	
<b>Oriental fruit moth</b>	(§)Pheromone disruption:					[16.1]
	§Checkmate OFM Dispenser		100-200 dispensers/A			
	or Checkmate OFM Flowable		1.3-2.9 fl oz/A			
	or Isomate-M 100		100 ties/A			
	OR Altacor 35 WDG		3.0-4.5 oz/A	4	10	[16.2], [16.3]
	OR *Asana XL 0.66EC	2.0-5.8 fl oz/100 gal	4.8-14.5 fl oz/A	12	14	
	OR Assail 30SG		5.3-8.0 oz/A	12	7	
	OR Avaunt 30 WDG		5.0-6.0 oz/A	12	14	
	OR *Baythroid XL 1L		2.0-2.4 fl oz/A	12	7	
	OR Belt SC		3.0-4.0 fl oz/A	12	14	
	OR *Danitol 2.4EC		10.7-21.3 fl oz/A	24	3	
	OR Delegate 25 WG		6.0-7.0 oz/A	4	1	
	OR §Entrust 80WP	0.4-0.8 oz/100 gal	1.25-2.5 oz/A	4	1	
	OR Imidan	0.75-1.0 lb/100 gal	2.1-4.25 lb/A	96	14	[16.4]
	OR Intrepid 2F		10-16 fl oz/A	4	7	
	OR Proaxis 0.5CS		2.6-5.1 fl oz/A	24	14	
OR Sevin XLR Plus, 4F		2-3 qt/A	12	3		
OR *Warrior II		1.3-2.6 fl oz/A	24	14		
The following pre-mix products are also labeled for use against this pest; however, for best effectiveness and insecticide resistance management, their use should be reserved for situations when multiple pest species are present and appropriately matched to the combination of active ingredients and modes of action contained in the product.						
	OR *Endigo ZC		5-5.5 fl oz/A	24	14	
	OR *Leverage 360		2.4-2.8 fl oz/A	12	7	
	OR Turismo		10-14 fl oz/A	12	14	
	OR *Voliam Xpress		6-12 fl oz/A	24	14	



**Table 14.3.1. Pesticide Spray Table – Peaches and Nectarines.**

Refer to back of book for key to abbreviations and footnotes.

Refer to label for registration status before applying any pesticide to nectarines.

Pest	Product	Amt/100 gal	Amt/A	REI (hrs)	PHI (days)	Comments (see text)
<b>Additional Summer Sprays (continued)</b>						
<b>American plum borer, Peachtree borer, Lesser Peachtree borer</b>	*Asana XL 0.66EC	2.0-5.8 fl oz/100 gal	4.8-14.5 fl oz/A	12	14	[17.3]
	OR *Baythroid XL 1EC		1.4-2.0 fl oz/A	12	7	
	OR *Lorsban 4EC	3 qt/100 gal		96	14	
	or Lorsban 75WG	4 lb/100 gal		96	14	
	or *Lorsban Advanced 3.8EC	3 qt/100 gal		96	14	
	OR *Pounce 25WP		6.4-16 oz/A	12	14	
	OR Proaxis 0.5CS		2.6-5.1 fl oz/A	24	14	
	OR *Warrior II		1.3-2.6 fl oz/A	24	14	
The following pre-mix products are also labeled for use against this pest; however, for best effectiveness and insecticide resistance management, their use should be reserved for situations when multiple pest species are present and appropriately matched to the combination of active ingredients and modes of action contained in the product.						
	OR *Endigo ZC		5-5.5 fl oz/A	24	14	
	OR *Leverage 360		2.4-2.8 fl oz/A	12	7	
	OR *Voliam Xpress		6-12 fl oz/A	24	14	
<b>Spotted wing Drosophila</b>	Delegate 25WG		4.5-7 oz/A	4	1	[19.3]
	OR §Entrust 80WP		1.25-2.5 oz/A	4	1	[19.3]
	OR *Imidan 70WS	0.75-1 lb/100 gal	2.13-4.25 lb/A	96	14	[19.4]
<b>Stink bugs, including Brown marmorated stink bug</b>	Actara 25WDG		4.5-5.5 oz/A	12	14	[20.2]
	OR Assail 30SG		5.3-8.0 oz/A	12	7	
	OR Belay		6.0 fl oz/A	12	21	[20.2]
	OR *Danitol 2.4EC		10.7-21.3 fl oz/A	24	3	[20.2]
	OR *Lannate 2.4LV		2.25 pt/A	96	4	[20.2]
	or *Lannate 90SP		0.75 lb/A	96	4	
OR *Warrior IICS		1.28-2.56 fl oz/A	24	14		
The following pre-mix products are also labeled for use against these pests; however, for best effectiveness and insecticide resistance management, their use should be reserved for situations when multiple pest species present are appropriately matched to the combination of active ingredients and modes of action contained in the product.						
	OR *Endigo ZC		5-5.5 fl oz/A	24	14	
	OR *Leverage 360		2.4-2.8 fl oz/A	12	7	
	OR *Voliam Flexi		6-7 fl oz/A	12	14	
<b>Tarnished plant bug</b>	Actara		4.5-5.5 oz/A	12	14	[21.2, 21.3]
	OR *Asana XL 0.66EC	2.0-5.8 fl oz/100 gal	4.8-14.5 fl oz/A	12	14	
	OR Assail 30SG		5.3-8.0 oz/A	12	7	
	OR *Baythroid XL 1 L		2.0-2.4 fl oz/A	12	7	
	OR Belay 2.1 EC		6 fl oz/A	12	21	[21.3]
	OR Beleaf 50SG		2.0-2.8 oz/A	12	14	
	OR *Danitol 2.4EC		10.7-21.3 fl oz/A	24	3	
	OR *Lannate LV 2.4L	0.75 pt/100 gal	3 pt/A	96	4	[21.3]
	or *Lannate 90SP	0.25 lb/100 gal	1 lb/A	96	4	
	OR *Pounce 25WP		6.4-16.0 oz/A	12	14	
	OR Proaxis 0.5CS		2.6-5.1 fl oz/A	24	14	

**Table 14.3.1. Pesticide Spray Table – Peaches and Nectarines.**

Refer to back of book for key to abbreviations and footnotes.

Refer to label for registration status before applying any pesticide to nectarines.

Pest	Product	Amt/100 gal	Amt/A	REI (hrs)	PHI (days)	Comments (see text)
<b>Additional Summer Sprays (continued)</b>						
<b>Tarnished plant bug (continued)</b>	OR *Warrior II 2.08 CS		1.3-2.5 fl oz/A	24	14	
The following pre-mix products are also labeled for use against this pest; however, for best effectiveness and insecticide resistance management, their use should be reserved for situations when multiple pest species are present and appropriately matched to the combination of active ingredients and modes of action contained in the product.						
	OR *Endigo ZC		5-5.5 fl oz/A	24	14	
	OR *Leverage 360		2.4-2.8 fl oz/A	12	7	
	OR *Voliam Xpress		6-12 fl oz/A	24	14	
<b>Western flower thrips</b>	Actara 25WDG		4.5-5.5 oz/A	12	14	[22.2]
	OR §Entrust 80WP		1.25-2.5 oz/A	4	1	
	OR Delegate WG		4.5-7 oz/A	4	1	
The following pre-mix products are also labeled for use against this pest; however, for best effectiveness and insecticide resistance management, their use should be reserved for situations when multiple pest species are present and appropriately matched to the combination of active ingredients and modes of action contained in the product.						
	OR *Endigo ZC		5-5.5 fl oz/A	24	14	
	OR *Voliam Xpress		6-12 oz/A	24	14	
<b>X-Disease</b>	Remove chokecherries	See comments				[9.1], [9.2]
<b>Control of Storage Disorders</b>						
<b>Storage rots</b>	Scholar SC		16 fl oz/100 gal (see comments & label)			[23.1]
<b>After Harvest, Before Leaf Drop</b>						
<b>Prunus stem pitting virus</b>	Product 2,4-D as described in the weed control section for “Dandelion and other broadleaf weeds in sod cover”					
<b>X-Disease</b>	Mycoject (oxytetracycline)		Tree injection: See label instructions			[9.3]

**Table 14.3.2. Growth Regulator Uses in Peaches and Nectarines.**

Refer to back of book for key to abbreviations and footnotes.

Refer to label for registration status before applying any pesticide to nectarines.

Timing	Product	Concentration	Rate of Formulated Product	Comments
<b>Chemical Thinning</b>				
50-80% Bloom	ATS (foliar nutrient)		4-6 gal/100 gal	Apply 100 gal/acre.
<b>Preharvest Fruit Drop Control</b>				
1-2 weeks before anticipated harvest	ReTain	132 ppm	333 g/acre (1 pouch)	Apply in sufficient water to ensure thorough but not excessive coverage. An organosilicone surfactant (12 oz/100 gal) should be used with ReTain.