

fruit clusters. Control using §Entrust or Delegate may be improved by addition of an adjuvant.

[22.2] An application after the first harvest may prevent subsequent losses; however, an additional application may be needed if pressure is severe. Control with §Entrust or Delegate may be improved by addition of an adjuvant.

For best effectiveness and insecticide resistance management, the use of pre-mixes such as *Endigo, *Leverage, *Voliam Flexi and *Voliam Xpress should be reserved for those situations when the pest complex to be treated is appropriately matched to the combination of active ingredients and modes of action contained in the product

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 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 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)
Dormant						
Bacterial Spot	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)					
Peach leaf curl	Bravo Ultrex 82.5WDG	0.9-1.25 lb/100 gal	2.8-3.8 lb/A	12 hr-7days	SS	[3.1]
	or Bravo Weather Stik 6F	1.0-1.4 pt/100 gal	3.1-4.1 pt/A	(E)		
	or other chlorothalonil formulations (see labels)					
	OR C-O-C-S	4 lb/100 gal	12-16 lb/A	24	PF	
	or other (§)copper formulations; see labels					
	OR Echo 720	1.0-1.4 pt/100 gal	3.1-4.1 pt/A	12hr/7 days(E)	SS	
	or Echo 90DF	0.75-1.2 lb/100 gal	2.25-3.5 lb/A			
	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		
Phytophthora root, crown, and collar rots	Ridomil Gold SL 4EC		2 qt/A	48	0	[6.2]
Cottony peach scale, European fruit lecanium, San Jose scale, European red mite	(§)oil	2-3 gal/100 gal		12	0	[11.1] [11.1] [12.1]
Pink						
Brown rot (blossom blight)	Bravo WeatherStik 6F	1.0-1.4 pt/100 gal	3.1-4.1 pt/A	12hr/7 days(E)	SS	
	or other chlorothalonil formulations (see labels)					

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)
Pink (continued)						
Brown rot (blossom blight) (continued)	OR Captan 50WP	1-2 lb/100 gal	4-8 lb/A	24	0	
	or Captan 80WDG		2.5-5 lb/A	24	0	
	or Captec 4L	0.75-1 qt/100 gal		24	0	
	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 Fontelis 1.67		14-20 fl oz/A	12	0	
	OR Gem 500SC		1.9-3.8 oz/A	12	1	[2.8]
	OR Indar 2F		6 fl oz/A	12	0	[2.8]
	OR Inspire Super		16-20 fl oz/A	12	2	
	OR Merivon		4.0-6.7 fl oz/A	12	0	
	OR Meteor 4F		1-2 pt/A	24	PF	
	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 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		
Tarnished plant bug	*Asana XL 0.66EC	2.0-5.8 fl oz/100 gal	4.8-14.5 fl oz/A	12	14	[21.1,21.2]
	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.						
	*Voliam Xpress		6-12 fl oz/A	24	14	
Bloom						
Brown rot (blossom blight)	See materials listed under Pink					
Oriental fruit moth	See comments [16.1] regarding pheromone disruption					

Table continued on next page.

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)
Petal Fall						
Brown rot (blossom blight)	See materials listed under Pink					[2.5]
American plum borer, Peachtree borer, Lesser peachtree borer	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]
	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.					
	*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	
Green peach aphid	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]
	The following pre-mix products are 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	
OR	*Voliam Flexi WDG		4.0-7.0 oz/A	12	14	
Oriental fruit moth	See materials listed under Shuck Split					
Tarnished plant bug	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.						
	*Leverage 360		2.4-2.8 fl oz/A	12	7	

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)	
Petal Fall (continued)							
Western flower thrips	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.						
		*Endigo ZC		5-5.5 fl oz/A	24	14	
	OR	*Voliam Flexi		4.0-7.0 oz/A	12	14	
OR	*Voliam Express		6-12 fl oz/A	24	14		
Shuck Split							
Brown rot	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	[2.6]	
	OR Captan 50WP or Captan 80 WDG or Captec 4L	1-2 lb/100 gal	4-8 lb/A 2.5-5 lb/A	24	0		
	OR Echo 720 or Echo 90DF	1.0-1.4 pt/100 gal	3.1-4.1 pt/A	12hr/7 days(E)	SS		
	OR Elevate 50WDG		1.5 lb/A	12	0		
	OR Fontelis 1.67		14-20 fl oz/A	12	0		
	OR Indar 2F		6 fl oz/A	12	0	[2.8]	
	OR Inspire Super		16-20 fl oz/A	12	2		
	OR Merivon		4.0-6.7 fl oz/A	12	0		
	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 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	Bravo Ultrex 82.5WDG or Bravo Weather Stik 6F or other chlorothalonil formulations (see labels)	0.9-1.25 lb/100 gal	2.8-3.8 lb/A	12 hr/7 days(E)	SS	[4.2]	
	OR Echo 720 or Echo 90DF	1.0-1.4 pt/100 gal	3.1-4.1 pt/A	12hr/7 days(E)	SS		
		0.75-1.2 lb/100 gal	2.25-3.5 lb/A		SS		

Table continued on next page.

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)	
Shuck Split (continued)							
Peach scab (continued)	OR Captan 50WP	1-2 lb/100 gal	4-8 lb/A	24	0		
	or Captan 80 WDG		2.5-5 lb/A	24	0		
	or Captec 4L	0.75-1 qt/100 gal		24	0		
	OR Gem 500SC		1.9-3.8 oz/A	12	1		
	OR Indar 2F		6 fl oz/A	12	0		
	OR Inspire Super		16-20 fl oz/A	12	2		
	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	48	1			
		1.25-2.5 lb/A	24	0			
Obliquebanded leafroller	Altacor 35 WDG		3.0-4.5 oz/A	4	10	[15.1]	
	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.						
	*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		
Oriental fruit moth, Lesser peachtree borer, Plum curculio	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]	
	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]	
	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		

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)
Shuck Split (continued)						
Oriental fruit moth, Lesser peachtree borer, Plum curculio (continued)	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]
	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	
	OR Sevin XLR Plus, 4F		2-3 qt/A	12	3	
	OR §Surround 95WP		25-50 lb/A	4	0	[18.2]
	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.						
	*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 Flexi		4.0-7.0 oz/A	12	14	
	OR *Voliam Xpress		6-12 fl oz/A	24	14	
San Jose Scale, Lecanium Scale	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	
Tarnished plant bug	See materials listed under Petal Fall					
Additional Summer Sprays						
Bacterial spot	§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]
Brown rot	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	

Table continued on next page.

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)
Additional Summer Sprays (continued)						
Brown rot (continued)	OR Elevate 50WDG		1.5 lb/A	12	0	
	OR Fontelis 1.67		14-20 fl oz/A	12	0	
	OR Indar 2F		6 fl oz/A	12	0	
	OR Inspire Super		16-20 fl oz/A	12	2	
	OR Merivon		4.0-6.7 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 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	
	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	
Peach scab	Captan 50WP or Captan 80 WDG or Captec 4L	1-2 lb/100 gal	4-8 lb/A	24	0	[4.2]
	OR Gem 500SC		2.5-5 lb/A	24	0	
	OR Gem 500SC		0.75-1 qt/100 gal	24	0	
	OR Inspire Super		1.9-3.8 oz/A	12	1	
	OR Inspire Super		16-20 fl oz/A	12	2	
	OR Sulfur 92WP or §Microthiol Disperss 80DF	6-8 lb/100 gal		24	0	
			6-12 lb/A	24	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		0.5-0.75 lb/A	48	1	
		1.25-2.5 lb/A	24	0		
Powdery mildew (rusty spot)	Sulfur 92WP	5-10 lb/100 gal		24	0	[7.2]
	OR §Microthiol Disperss		10-20 lb/A	24	0	
	OR Inspire Super		16-20 fl oz/A	12	2	
	OR Quintec 2.08EC		7 fl oz/A	12	7	
European red mite, Twospotted spider mite	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		1.0-2.0 lb/A	48	14	
OR Zeal 72 WS		2.0-3.0 oz/A	12	7		
Green peach aphid	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	

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)
Additional Summer Sprays (continued)						
Green peach aphid (continued)	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		6.0-9.0 fl oz/A	24	7	
The following pre-mix products are 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.						
	*Endigo ZC		5-5.5 fl oz/A	24	14	
	OR *Voliam Flexi WDG		4.0-7.0 oz/A	12	14	
Japanese Beetle	*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 Imidan 70W	0.75-1.0 lb/100 gal	2.1-4.25 lb/A	96	14	[14.3]
	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.						
	*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	
Lecanium scale, San Jose scale	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	
Oriental fruit moth	(§)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],
	OR *Asana XL 0.66EC	2.0-5.8 fl oz/100 gal	4.8-14.5 fl oz/A	12	14	[16.3]
	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]	

Table continued on next page.

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)	
Additional Summer Sprays (continued)							
Oriental fruit moth (continued)	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.						
		*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 Flexi WDG		4.0-7.0 oz/A	12	14	
	OR	*Voliam Xpress		6-12 fl oz/A	24	14	
American plum borer, Peachtree borer, Lesser Peachtree borer		*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.						
		*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		
Spotted wing Drosophila		*Asana XL 0.66EC	2.0-5.8 fl oz/100 gal	4.8-14.5 fl oz/A	12	14	[19.3]
	OR	*Baythroid XL 1 L		2.0-2.4 fl oz/A	12	7	
	OR	*Danitol 2.4EC		10.7-21.3 fl oz/A	24	3	
	OR	Delegate 25WG		6-7 oz/A	4	1	
	OR	*Diazinon AG500	1 pt/100 gal		96	21	
	OR	§Entrust 80WP	0.4-0.8 oz/100 gal	1.25-2.5 oz/A	4	1	
	OR	*Imidan 70WS	0.75-1 lb/100 gal	2.13-4.25 lb/A	96	14	[19.4]
	OR	*Lannate 2.4LV		2.25 pt/A	96	4	[19.3]
		or *Lannate 90SP		0.75 lb/A	96	4	
	OR	Malathion 5EC		2.5-4.8 pts/A	24	7	
	OR	Mustang Max		4 oz./A	12	14	
	OR	Pyganic		1 pt- 2 qt/A	12	0	[19.3]
OR	Sevin XLR Plus		2-3 qts/A	12	3		

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)	
Additional Summer Sprays (continued)							
Spotted wing Drosophila (continued)	The following pre-mix product is 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		
Stink bugs, including Brown marmorated stink bug	Actara		3.0-4.0 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.							
	*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		
Tarnished plant bug	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		
	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.						
		*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 WDG		4.0-7.0 oz/A	12	14		
	OR *Voliam Xpress		6-12 fl oz/A	24	14		
Western flower thrips	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		

Table continued on next page.

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)
Additional Summer Sprays (continued)						
Western flower thrips (continued)	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.					
	*Endigo ZC		5-5.5 fl oz/A	24	14	
	OR *Voliam Flexi WDG		4.0-7.0 oz/A	12	14	
	OR *Voliam Xpress		6-12 oz/A	24	14	
X-Disease	Remove chokecherries	See comments				[9.1], [9.2]
Control of Storage Disorders						
Storage rots	Scholar SC	16 fl oz/100 gal (see comments & label)				[23.1]
After Harvest, Before Leaf Drop						
Prunus stem pitting virus	Product 2,4-D as described in the weed control section for “Dandelion and other broadleaf weeds in sod cover”					

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
Chemical Thinning				
50-80% Bloom	ATS (foliar nutrient)		4-6 gal/100 gal	Apply 100 gal/acre.
Preharvest Fruit Drop Control				
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.