



**FIGURE 14.1.1**  
**GROWTH STAGES IN PEACH**

- 1. Dormant
- 2. Swollen bud
- 3. Bud burst
- 4. Pink
- 5. Bloom
- 6. Petal fall
- 7a. Fruit set – shucks on
- 7b. Fruit set – shucks off

# 14 Peaches and Nectarines

## 14.1 Insecticides and Fungicides for Peaches and Nectarines

See Sections 14.2, 14.3, and 14.4 for comments related to this table.

**Table 14.1.1. 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]	
	Kocide 2000		6-12 lb/A	48	21		
	Kocide 3000		3.5-7.0 lb/A	48	0		
	Cuprofix Ultra 40D		5.0-7.5 lb/A	48	SS		
	§Champ WG		8-16 lb/A	48	21		
	§Badge X2		3.5-7 lb/A	48	0		
	Badge SC		5-14 pt/A	48	0		
	or other (§)copper formulations (see label)						
<b>Peach leaf curl</b>	Bravo Ultrex 82.5WDG	0.9-1.25 lb/100 gal	2.8-3.8 lb/A	12 hr-	SS	[3.1]	
	or Bravo Weather Stik 6F	1.0-1.4 pt/100 gal	3.1-4.1 pt/A	7days			
	or other chlorothalonil formulations (see labels)						
	C-O-C-S	4 lb/100 gal	12-16 lb/A	24	PF		
	or other (§)copper formulations; see labels						
	Echo 720	1.0-1.4 pt/100 gal	3.1-4.1 pt/A	12hr/7	SS		
	or Echo 90DF	0.75-1.2 lb/100 gal	2.25-3.5 lb/A	days (E)			
	Ferbam Granuflo	1.5 lb/100 gal	4.5 lb/A	24	21		
	Kocide 2000		6-12 lb/A	48	21		
	Kocide 3000		3.5-7.0 lb/A	48	0		
	Thiram Granuflo	1.2 lb/100 gal	3.5 lb/A	24	7		
	§Badge X2		3.5-7 lb/A	48	0		
Badge SC		5 pt/A	48	0			
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]	
	Centaur		34.5 oz/A	12	14		
<b>Pink</b>							
<b>Brown rot (blossom blight)</b>	Bravo WeatherStik 6F	1.0-1.4 pt/100 gal	3.1-4.1 pt/A	12hr/7	SS		
	or other chlorothalonil formulations (see labels)						
	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		
	Echo 720	1.0-1.4 pt/100 gal	3.1-4.1 pt/A	12 hr/7	SS		
	or Echo 90DF	0.75-1.2 lb/100 gal	2.25-3.5 lb/A	days(E)			
	Elevate 50WDG		1.5 lb/A	12	0		
Fontelis 1.67		14-20 fl oz/A	12	0			
Gem 500SC		1.9-3.8 oz/A	12	1	[2.8]		

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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>	Indar 2F		6 fl oz/A	12	0	[2.8]	
	Inspire Super		16-20 fl oz/A	12	2		
	§Badge X2		3.5-5.25 lb/A	48	0		
	Badge SC		5 pt/A	48	0		
	Merivon		4.0-6.7 fl oz/A	12	0		
	Meteor 4F		1-2 pt/A	24	PF		
	Pristine 38 WDG		10.5-14.5 oz/A	12	0		
	Quash 50WDG		2.5-3.5 oz/A	12	14		
	Rally 40WSP		2.5-6 oz/A	24	0	[2.8]	
	Rovral 4F		1-2 pt/A	24	PF	[2.3]	
	Scala SC		9-18 fl oz/A	12	2		
	Sulfur 92WP	5-10 lb/100 gal		24	0		
	§Microthiol Disperss or other (§)sulfur products	See labels		10-20 lb/A	24		
	Thiram Granuflo	1.2 lb/100 gal		3.5 lb/A	24	7	[2.3]
	Tilt 3.6 EC			4 fl oz/A	12	0	[2.8]
	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	
	<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],[21.2]
Assail 30SG			5.3-8.0 oz/A	12	7		
*Baythroid XL 1 EC			2.0-2.4 fl oz/A	12	7		
Beleaf 50 SG			2.0-2.8 oz/A	12	14		
*Pounce 25WP			6.4-16 oz/A	12	14		
*Proaxis 0.5 CS			2.6-5.1 fl oz/A	24	14		
*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		
<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						
<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]	
	*Baythroid XL 1EC		[see comment]	12	7	[10.2]	
	*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		
	*Pounce 25WP		6.4-16.0 oz/A	12	14	[10.2]	

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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>	*Proaxis		2.6-5.1 fl oz/A	24	14		
	Scorpion		5.25-7 fl oz/A	12	7	[10.3]	
	*Warrior II		1.3-2.6 fl oz/A	24	14		
	(§)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		
	*Leverage 360		2.4-2.8 fl oz/A	12	7		
*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]	
	Assail 30SG		2.5-5.3 oz/A	12	7		
	Beleaf 50SG		2.0-2.8 oz/A	12	14		
	*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		
	Movento SC		6.0-9.0 fl oz/A	24	7	[13.1]	
	Belay		6 fl oz/A	12	21		
	§PFR 97		1-2 lb/A	4	0		
	§Des-X		2% vol	12	0		
	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			
Voliam Flexi WDG		4.0-7.0 oz/A	12	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]	
	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			
<b>Western flower thrips</b>	Actara 25WDG		4.5-5.5 oz/A	12	14		
	Delegate 25 WG		4.5-7 oz/A	4	1		
	§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		
	Voliam Flexi		4.0-7.0 oz/A	12	14		
*Voliam Express		6-12 fl oz/A	24	14			

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

<b>Pest</b>	<b>Product</b>	<b>Amt/100 gal</b>	<b>Amt/A</b>	<b>REI (hrs)</b>	<b>PHI (days)</b>	<b>Comments (see text)</b>	
<b>Shuck Split</b>							
<b>Brown rot</b>	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]	
	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		
	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		
	Elevate 50WDG		1.5 lb/A	12	0		
	Fontelis 1.67		14-20 fl oz/A	12	0		
	Indar 2F		6 fl oz/A	12	0	[2.8]	
	Inspire Super		16-20 fl oz/A	12	2		
	Merivon		4.0-6.7 fl oz/A	12	0		
	Pristine 38WDG		10.5-14.5 oz/A	12	0		
	Quash 50 WDG		2.5-3.5 oz/A	12	14		
	Rally 40WSP		2.5-6 oz/A	24	0	[2.8]	
	Sulfur 92WP	5-10 lb/100 gal		24	0	[2.6]	
	§Microthiol Disperss or other (§)sulfur products	See labels	10-20 lb/A	24	0		
	Thiram Granuflo	1.2 lb/100 gal	3.5 lb/A	24	7		
	Tilt 3.6EC		4 fl oz/A	12	0	[2.8]	
	Topsin M 70 WP, WSB	0.33-0.5 lb/100 gal	1-1.5 lb/A	48	1		
	Topsin 4.5 FL	6.7-10 fl oz/100 gal	20-30 fl oz/A	48	1		
	<b>Bacterial spot</b>	§Mycoshield 17WP	12 oz/100 gal		12	21	[1.3]
		FireLine 17 WP	12 oz/100 gal		12	21	
		§Badge X2		0.5 lb/A	48	0	
Badge SC			0.5-0.9 pt/A	48	0		
(§)copper products		See comments				[1.4]	
<b>Peach scab</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/7 days(E)	SS	[4.2]	
	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		
	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		
	Gem 500SC		1.9-3.8 oz/A	12	1		
	Indar 2F		6 fl oz/A	12	0		
	Inspire Super		16-20 fl oz/A	12	2		
	Sulfur 92WP or §Microthiol Disperss 80DF or other (§)sulfur products	5-10 lb/100 gal See labels	6-12 lb/A	24 24	0 0		
	Quash		2.5-3.5 oz/A	12	14		
	Thiram Granuflo	1.2 lb/100 gal	3.5 lb/A	24	7	[2.3]	
	Topsin M 70WP <i>plus</i>		0.5-0.75 lb/A	48	1		
	Captan 80 WDG		1.25-2.5 lb/A	24	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>Shuck Split (continued)</b>						
<b>Obliquebanded leafroller</b>	Altacor 35 WDG		3.0-4.5 oz/A	4	10	[15.1]
	*Baythroid XL 1EC		2.4-2.8 fl oz/A	12	7	
	Belt SC		3.0-4.0 fl oz/A	12	7	
	§Biobit HP		0.5-2.0 lb/A	4	0	
	*Danitol 2.4EC		10.7-21.3 fl oz/A	24	3	
	Delegate 25 WG		4.5-7.0 oz/A	4	1	[15.1]
	§Deliver		0.5-2.0 lb/A	4	0	
	§Dipel DF		0.5-2.0 lb/A	4	0	
	§Entrust 80WP	0.4-0.8 oz/100 gal	1.25-2.5 oz/A	4	1	[15.1]
	§Grandevo DF		3 lb/A	4	0	
	§Venerate XC		1-8 qt/A	4	0	
	Exirel		10-20.5 fl oz/A	12	3	
	Apta		21-27 fl oz/A	12	14	
	Tourismo		10-14 fl oz/A	12	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.					
	*Leverage 360		2.4-2.8 fl oz/A	12	7	
	Tourismo		10-14 fl oz/A	12	14	
	*Voliam Xpress		6-12 fl oz/A	24	14	
<b>Oriental fruit moth, Lesser peachtree borer, Plum curculio</b>	Actara		4.5-5.5 oz/A	12	14	[16.2]
	Altacor 35 WDG		3.0-4.5 oz/A	4	10	[16.2],[17.2]
	*Asana XL 0.66EC	2.0-5.8 fl oz/100 gal	4.8-14.5 fl oz/A	12	14	
	Assail 30SG		5.3-8.0 oz/A	12	7	[17.2]
	Avaunt 30WDG		5.0-6.0 oz/A	12	14	[16.2]
	§Aza-Direct 1.2L		1-2 pts/A	4	0	
	Azatin XL 3L		10-21 fl oz/A	4	0	
	*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	
	Belay		6.0 fl oz/A	12	21	[18.1],[16.2],[17.2]
	Belt SC		3.0-4.0 fl oz/A	12	14	[16.2]
	*Danitol 2.4EC		10.7-21.3 fl oz/A	24	3	
	Delegate 25WG		6.0-7.0 oz/A	4	1	[16.2]
	Imidan 70W	0.75-1.0 lb/100 gal	2.1-4.25 lb/A	96	14	[16.4]
	Intrepid 2F		10-16 fl oz/A	4	7	[16.2]
	*Pounce 25WP		6.4-16.0 oz/A	12	14	[10.2]
	*Proaxis 0.5CS		2.6-5.1 fl oz/A	24	14	
	Sevin XLR Plus, 4F		2-3 qt/A	12	3	
	§Surround 95WP		25-50 lb/A	4	0	[18.2]
*Warrior II		1.3-2.6 fl oz/A	24	14		
Exirel		10-20.5 fl oz/A	12	3		
Tourismo		14 fl oz/A	12	14		
§Madex		0.5-2 oz/A	4	0		

**Table 14.1.1. 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, Lesser peachtree borer, Plum curculio (continued)</b>	§Deliver		0.5-2 lb/A	4	0		
	(§)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]	
	or 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, 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	
		*Leverage 360		2.4-2.8 fl oz/A	12	7	
		Tourismo		10-14 fl oz/A	12	14	
	Voliam Flexi		4.0-7.0 oz/A	12	14		
	*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]	
	Admire Pro		1.4-2.8 fl oz/A	12	0		
	Esteem 0.86EC		13-16 fl oz/A	12	14		
	§Grandevo DF		3 lb/A	4	0		
	§Des-X		2% vol	12	0		
	§Venerate XC		1-8 qt/A	4	0		
	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]	
	FireLine 17WP		12 oz/100 gal	12	21		
	(§)copper products		See comments			[1.4]	
<b>Brown rot</b>	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	
	Elevate 50WDG			1.5 lb/A	12	0	
	Fontelis 1.67			14-20 fl oz/A	12	0	
	Indar 2F			6 fl oz/A	12	0	
	Inspire Super			16-20 fl oz/A	12	2	
	Merivon			4.0-6.7 fl oz/A	12	0	
	Pristine 38WDG			10.5-14.5 oz/A	12	0	
	Quash 50WDG			2.5-4.0 oz/A	12	14	
	Rally 40WSP			2.5-6 oz/A	24	0	
	Thiram Granuflo		1.2 lb/100 gal	3.5 lb/A	24	7	[2.3]
	Tilt 3.6EC			4 fl oz/A	12	0	
	Sulfur 92WP		5-10 lb/100 gal		24	0	
	§Microthiol Disperss or other (§)sulfur products		See labels	10-20 lb/A	24	0	

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Pest	Product	Amt/100 gal	Amt/A	REI (hrs)	PHI (days)	Comments (see text)	
<b>Additional Summer Sprays (continued)</b>							
Peach scab	Captan 50WP	1-2 lb/100 gal	4-8 lb/A	24	0	[4.2]	
	or Captan 80 WDG		2.5-5 lb/A	24	0		
	or Captec 4L			24	0		
		Gem 500SC		1.9-3.8 oz/A	12	1	
		Inspire Super		16-20 fl oz/A	12	2	
		Sulfur 92WP	6-8 lb/100 gal		24	0	
		or §Microthiol Disperss 80DF			6-12 lb/A	24	0
		Thiram Granuflo	1.2 lb/100 gal	3.5 lb/A	24	7	[2.3]
		Topsin M 70WP		0.5-0.75 lb/A	48	1	
		plus: Captan 80 WDG		1.25-2.5 lb/A	24	0	
Powdery mildew (rusty spot)	Sulfur 92WP	5-10 lb/100 gal		24	0	[7.2]	
	§Microthiol Disperss		10-20 lb/A	24	0		
	Inspire Super		16-20 fl oz/A	12	2		
	Vivando		15.4 fl oz/A	12	7		
	§Regalia		1-4 qt/A	4	0		
	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]	
	Apollo 4SC		2.0-8.0 oz/A	12	21		
	Envidor 2SC		16-18 fl oz/A	12	7	[12.2]	
	Nexter 75WS		4.4-10.7 oz/A	12	7	[12.2]	
	Onager 1EC		12-24 fl oz/A	12	28		
	§Des-X		2% vol	12	0		
	Portal		2 pts/A	12	365	[12.3]	
	Savey 50DF		3.0-6.0 oz/A	12	28		
	*Vendex 50WP		1.0-2.0 lb/A	48	14		
	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]	
	Admire Pro		1.4-2.8 fl oz/A	12	0		
	Assail 30SG		2.5-5.3 oz/A	12	7		
	Beleaf 50SG		2.0-2.8 oz/A	12	14		
	*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		
	Movento		6.0-9.0 fl oz/A	24	7		
	§PFR 97		1-2 lb/A	4	0		
	§Des-X		2% vol	12	0		
	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		
	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]	
	Assail 30SG		5.3-8.0 oz/A	12	7		
	Imidan 70W	0.75-1.0 lb/100 gal	2.1-4.25 lb/A	4-14 days	14	[14.3]	
	Sevin XLR Plus, 4F		2-3 qt/A	12	3		



**Table 14.1.1. 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>Japanese Beetle</b> (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	
	*Leverage 360		2.4-2.8 fl oz/A	12	7	
	*Voliam Express		6-12 fl oz/A	24	14	
<b>Lecanium scale,</b> <b>San Jose scale</b>	Admire Pro		1.4-2.8 fl oz/A	12	0	[11.2]
	Centaur		34.5-46 oz/A	12	14	
	Esteem 0.86EC		13-16 fl oz/A	12	14	
	Movento		6.0-9.0 fl oz/A	24	7	
<b>Oriental fruit moth</b>	(§)Pheromone disruption: §Checkmate OFM Dispenser		100-200 dispensers/A			[16.1]
	or Checkmate OFM Flowable or Isomate-M 100 or Isomate CM-OFM TT		1.3-2.9 fl oz/A 100 ties/A 150-200 dispensers/A			
	Altacor 35 WDG		3.0-4.5 oz/A	4	10	[16.2], [16.3]
	*Asana XL 0.66EC	2.0-5.8 fl oz/100 gal	4.8-14.5 fl oz/A	12	14	
	Assail 30SG		5.3-8.0 oz/A	12	7	
	Avaunt 30 WDG		5.0-6.0 oz/A	12	14	
	*Baythroid XL 1L		2.0-2.4 fl oz/A	12	7	
	Belt SC		3.0-4.0 fl oz/A	12	14	
	*Danitol 2.4EC		10.7-21.3 fl oz/A	24	3	
	Exirel		10-20.5 fl oz/A	12	3	
	Tourismo		14 fl oz/A	12	14	
	§Madex HP		0.5-3 oz/A	4	0	
	§Deliver		0.5-2 lb/A	4	0	
	Delegate 25 WG		6.0-7.0 oz/A	4	1	
	§Entrust 80WP	0.4-0.8 oz/100 gal	1.25-2.5 oz/A	4	1	
	Imidan 70W	0.75-1.0 lb/100 gal	2.1-4.25 lb/A	14 days	14	[16.4]
	Intrepid 2F		10-16 fl oz/A	4	7	
	Proaxis 0.5CS		2.6-5.1 fl oz/A	24	14	
	Sevin XLR Plus, 4F		2-3 qt/A	12	3	
	*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		
*Leverage 360		2.4-2.8 fl oz/A	12	7		
Tourismo		10-14 fl oz/A	12	14		
Voliam Flexi WDG		4.0-7.0 oz/A	12	14		
*Voliam Xpress		6-12 fl oz/A	24	14		

**Table 14.1.1. 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]	
	*Baythroid XL 1EC		1.4-2.0 fl oz/A	12	7		
	*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		
	*Pounce 25WP		6.4-16 oz/A	12	14		
	Proaxis 0.5CS		2.6-5.1 fl oz/A	24	14		
	*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, 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		
	*Leverage 360		2.4-2.8 fl oz/A	12	7		
	*Voliam Xpress		6-12 fl oz/A	24	14		
<b>Spotted wing Drosophila</b>	*Asana XL 0.66EC	2.0-5.8 fl oz/100 gal	4.8-14.5 fl oz/A	12	14	[19.3]	
	Actara		4.5-5.5 oz/A	12	14		
	Admire Pro		1.4-2.8 oz/A	12	0		
	Assail	5.3-8 oz/100 gal		12	7		
	*Baythroid XL		2.4-2.8 fl oz/A	12	7		
	*Danitol 2.4EC		10.7-21.3 fl oz/A	24	3		
	Delegate 25WG		6-7 oz/A	4	1		
	*Diazinon AG500	1 pt/100 gal		96	21		
	§Entrust 80WP	0.4-0.8 oz/100 gal	1.25-2.5 oz/A	4	1		
	Imidan 70W	0.75-1 lb/100 gal	2.13-4.25 lb/A	96	14	[19.4]	
	*Lannate 2.4LV		3 pt/A	96	4	[19.3]	
	or *Lannate 90SP		1 lb/A	96	4		
	Malathion 5EC		2.5-4.8 pts/A	24	7		
	Mustang Max		4 oz./A	12	14		
	Pyganic		1 pt- 2 qt/A	12	0	[19.3]	
	Exirel		13.5-20.5 fl oz/A	12	3		
	Venom		2-4 oz	12	3	[19.5]	
	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.						
		*Leverage 360		2.4-2.8 fl oz/A	12	7	
	<b>Stink bugs, including Brown marmorated stink bug</b>	Actara		3.0-4.0 oz/A	12	14	[20.2]
*Danitol 2.4EC			10.7-21.3 fl oz/A	24	3	[20.2]	
*Lannate 2.4LV			2.25 pt/A	96	4	[20.2]	
or *Lannate 90SP			0.75 lb/A	96	4		
Scorpion			5.25-7 fl oz/A	12	3		
*Warrior IICS			1.28-2.56 fl oz/A	24	14		

**Table 14.1.1. 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>Stink bugs, including Brown marmorated stink bug (continued)</b>	Venom (supplemental label)		3-4 oz/A	12	3		
	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		
	*Leverage 360		2.4-2.8 fl oz/A	12	7		
	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]	
	*Asana XL 0.66EC	2.0-5.8 fl oz/100 gal	4.8-14.5 fl oz/A	12	14		
	Assail 30SG		5.3-8.0 oz/A	12	7		
	*Baythroid XL 1 L		2.0-2.4 fl oz/A	12	7		
	Belay 2.1 EC		6 fl oz/A	12	21	[21.3]	
	Beleaf 50SG		2.0-2.8 oz/A	12	14		
	*Danitol 2.4EC		10.7-21.3 fl oz/A	24	3		
	*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		
	*Pounce 25WP		6.4-16.0 oz/A	12	14		
	Proaxis 0.5CS		2.6-5.1 fl oz/A	24	14		
	*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, 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	
		*Leverage 360		2.4-2.8 fl oz/A	12	7	
	Voliam Flexi WDG		4.0-7.0 oz/A	12	14		
	*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]	
	§Entrust 80WP		1.25-2.5 oz/A	4	1		
	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.						
		*Endigo ZC		5-5.5 fl oz/A	24	14	
		§PFR 97		1-2 lb/A	4	0	
		Voliam Flexi WDG		4.0-7.0 oz/A	12	14	
		*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”						