

[19.2] Most catfacing injury is caused before shuck split. Later season feeding generally results in only minor surface scarring.

• **Pesticide Application Notes**

[19.3] At 10-day intervals as needed in July and August. For best effectiveness and insecticide resistance management, the use of pre-mixes such as *Leverage and *Voliam 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.

[19.4] The last use date for *Thionex and other endosulfan products on peaches and nectarines is July 31, 2012.

Western Flower Thrips

• **Biology & Cultural**

Drought conditions and high temperatures may encourage damaging populations in nectarines, although it has not been a particular problem in New England. Adults move from alternate weed or crop hosts to fruit just prior to and during harvest, feed on the fruit surface in protected sites, such as in the stem end, the suture, under leaves and branches, and between fruit. Feeding results in silver stippling or patches; injury is particularly obvious on highly colored varieties.

• **Pesticide Application Notes**

[20.1] In orchards with severe infestations, a petal fall application may be warranted against thrips feeding in

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

[20.2] 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. The PHI for Delegate and Entrust is 1 day for peaches and nectarines.

For best effectiveness and insecticide resistance management, the use of pre-mixes such as *Leverage and *Voliam 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**

[21.1] 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	Rate/100 gal	Rate/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	24	21	
	OR or other (§)copper formulations (see label)					
Peach leaf curl	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	

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	Rate/100 gal	Rate/A	REI (hrs)	PHI (days)	Comments (see text)
Dormant (continued)						
Peach leaf curl (continued)	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)	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 or Captec 4L	1-2 lb/100 gal	4-8 lb/A	24	0	
			2.5-5 lb/A	24	0	
		0.75-1 qt/100 gal		24	0	
	OR Echo 720 or Echo 90DF	1.0-1.4 pt/100 gal	3.1-4.1 pt/A	12 hr/7 days(E)	SS	
		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 Tilt 3.6EC		4 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 Topsin M 70 WP,WSB or Topsin 4.5 Fl	0.33-0.5 lb/100 gal	1-1.5 lb/A	48	1		
	6.7-10 fl oz/100 gal	20-30 fl oz/A	48	1		
OR Vangard 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	[19.1]
	OR Assail 30SG		5.3-8.0 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	Rate/100 gal	Rate/A	REI (hrs)	PHI (days)	Comments (see text)	
Pink (continued)							
Tarnished plant bug (continued)	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 *Voliam Xpress		6-12 fl oz/A	24	14		
	OR *Warrior II 2.08 CS		1.3-2.5 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						
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	[10.2]	
	OR *Baythroid XL 1EC		[see comment]	12	7	[10.2]	
	OR *Leverage 2.7SE		[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 *Voliam Xpress		6-12 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]	
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]	
	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			
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	[19.1]	
	OR *Leverage 2.7SE		3.6-4.4 fl oz/A	12	7	[19.1]	

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	Rate/100 gal	Rate/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	
	OR *Voliam Express		6-12 fl oz/A	24	14	
Shuck Split						
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	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 Tilt 3.6EC		4 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 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
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	4-8 lb/A 2.5-5 lb/A	24 24	0 0	
	OR Gem 500SC		1.9-3.8 oz/A	12	1	

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	Rate/100 gal	Rate/A	REI (hrs)	PHI (days)	Comments (see text)
Shuck Split (continued)						
Peach scab (continued)	OR Indar 2F		6 fl oz/A	12	0	
	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		12 oz/A	48	1	
	plus Captan 80 WDG		2 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]
	OR *Leverage 2.7SE		4.4-5.1 fl oz/A	12	7	[15.1]
	OR Turismo		10-14 fl oz/A	12	14	[15.1]
OR *Voliam Xpress		6-12 fl oz/A	24	14	[15.1]	
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]
	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 30WDG		5.0-6.0 oz/A	12	14	
	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					
	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 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	72	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.

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	Rate/100 gal	Rate/A	REI (hrs)	PHI (days)	Comments (see text)
Shuck Split (continued)						
Oriental fruit moth,	OR *Leverage 2.7SE		3.0-5.1 fl oz/A	12	7	[16.5]
	OR *Pounce 25WP		6.4-16.0 oz/A	12	14	
Lesser peachtree borer,	OR *Proaxis 0.5CS		2.6-5.1 fl oz/A	24	14	
	OR Sevin XLR Plus, 4F		2-3 qt/A	12	3	
Plum curculio (continued)	OR §Surround 95WP		25-50 lb/A	4	0	[18.2]
	OR Tourismo		10-14 fl oz/A	12	14	[16.5]
	OR *Voliam Xpress		6-12 fl oz/A	24	14	[16.5]
	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 §Isomate PTB-Dual		100 ties/A 150 ties/A			[16.1] [17.1]
San Jose Scale, Lecanium Scale	Centaur		34.5-46 oz/A	12	14	[11.2]
	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 Pink plus					
	Actara		4.5-5.5 oz/A	12	14	[19.1]
	OR *Leverage 2.7SE		3.6-4.4 fl oz/A	12	7	[19.1]
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	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 Tilt 3.6EC		4 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 Sulfur 92WP	5-10 lb/100 gal		24	0	
OR §Microthiol Disperss or other (§)sulfur products	See labels		10-20 lb/A	24	0	

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	Rate/100 gal	Rate/A	REI (hrs)	PHI (days)	Comments (see text)
Additional Summer Sprays (continued)						
Peach scab	Adament 50WG		4-8 oz/A	12	1	[4.2]
	<i>OR</i> 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	
	<i>OR</i> Gem 500SC		1.9-3.8 oz/A	12	1	
	<i>OR</i> Sulfur 92WP	6-8 lb/100 gal		24	0	
	or §Microthiol Disperss 80DF		6-12 lb/A	24	0	
	<i>OR</i> Thiram Granuflo	1.2 lb/100 gal	3.5 lb/A	24	7	[2.3]
	<i>OR</i> Topsin M 70WP		12 oz/A	48	1	
	<i>plus:</i> Captan 80 WDG		2 lb/A	24	0	
Powdery mildew (rusty spot)	Sulfur 92WP	5-10 lb/100 gal		24	0	[7.2]
	<i>OR</i> §Microthiol Disperss		10-20 lb/A	24	0	
	<i>OR</i> 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]
	<i>OR</i> Apollo 4SC		2.0-8.0 oz/A	12	21	
	<i>OR</i> Envidor 2SC		16-18 fl oz/A	12	7	
	<i>OR</i> Nexter 75WS		4.4-10.7 oz/A	12	7	
	<i>OR</i> Onager 1EC		12-24 fl oz/A	12	28	
	<i>OR</i> Portal		2 pts/A	12	365	[12.3]
	<i>OR</i> Savey 50DF		3.0-6.0 oz/A	12	28	
	<i>OR</i> *Vendex 50WP		1.0-2.0 lb/A	48	14	
	<i>OR</i> 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]
	<i>OR</i> Assail 30SG		2.5-5.3 oz/A	12	7	
	<i>OR</i> Beleaf 50SG		2.0-2.8 oz/A	12	14	
	<i>OR</i> *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	
	<i>OR</i> Movento		6.0-9.0 fl oz/A	24	7	
	<i>OR</i> Provado 1.6F		4.0-8.0 fl oz/A	12	0	
	<i>OR</i> *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		
Japanese beetle	Assail 30SG		5.3-8.0 oz/A	12	7	[14.2]
	<i>OR</i> *Leverage 2.7SE		3.6-4.4 fl oz/A	12	7	
	<i>OR</i> Provado 1.6F		4.0-8.0 fl oz/A	12	0	
	<i>OR</i> Sevin XLR Plus, 4F		2-3 qt/A	12	3	
	<i>OR</i> *Voliam Express		6-12 fl oz/A	24	14	[16.5]
Lecanium scale, San Jose scale	Centaur		34.5-46 oz/A	12	14	[11.2]
	<i>OR</i> Esteem 0.86EC		13-16 fl oz/A	12	14	
	<i>OR</i> Movento		6.0-9.0 fl oz/A	24	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	Rate/100 gal	Rate/A	REI (hrs)	PHI (days)	Comments (see text)	
Additional Summer Sprays (continued)							
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			
	<i>OR</i>	Altacor 35 WDG		3.0-4.5 oz/A	4	10	[16.2],
	<i>OR</i>	*Asana XL 0.66EC	2.0-5.8 fl oz/100 gal	4.8-14.5 fl oz/A	12	14	[16.3]
	<i>OR</i>	Assail 30SG		5.3-8.0 oz/A	12	7	
	<i>OR</i>	Avaunt 30 WDG		5.0-6.0 oz/A	12	14	
	<i>OR</i>	*Baythroid XL 1L		2.0-2.4 fl oz/A	12	7	
	<i>OR</i>	Belt SC		3.0-4.0 fl oz/A	12	14	[16.2]
	<i>OR</i>	*Danitol 2.4EC		10.7-21.3 fl oz/A	24	3	
	<i>OR</i>	Delegate 25 WG		6.0-7.0 oz/A	4	1	
	<i>OR</i>	§Entrust 80WP	0.4-0.8 oz/100 gal	1.25-2.5 oz/A	4	1	
	<i>OR</i>	Intrepid 2F		10-16 fl oz/A	4	7	
	<i>OR</i>	*Leverage 2.7SE		3.0-4.4 fl oz/A	12	7	[16.5]
	<i>OR</i>	Proaxis 0.5CS		2.6-5.1 fl oz/A	24	14	
	<i>OR</i>	Sevin XLR Plus, 4F		2-3 qt/A	12	3	
	<i>OR</i>	Tourismo		10-14 fl oz/A	12	14	[16.5]
	<i>OR</i>	*Voliam Xpress		6-12 fl oz/A	24	14	[16.5]
<i>OR</i>	*Warrior II		1.3-2.6 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]
	<i>OR</i>	*Baythroid XL 1EC		1.4-2.0 fl oz/A	12	7	
	<i>OR</i>	*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	
	<i>OR</i>	*Pounce 25WP		6.4-16 oz/A	12	14	
	<i>OR</i>	Proaxis 0.5CS		2.6-5.1 fl oz/A	24	14	
	<i>OR</i>	*Thionex 3EC	1 qt/100 gal	2.7-3.3 qt/A	7 days	21	[17.4]
		or *Thionex 50WP	1.5 lb/100 gal	4.0-5.0 lb/A	20 days	21	
	<i>OR</i>	*Voliam Xpress		6-12 fl oz/A	24	14	
<i>OR</i>	*Warrior II		1.3-2.6 fl oz/A	24	14		
Tarnished plant bug, Stink bugs	Actara					[19.2]	
	<i>OR</i>	*Asana XL 0.66EC	2.0-5.8 fl oz/100 gal	4.8-14.5 fl oz/A	12	14	
	<i>OR</i>	Assail 30SG		5.3-8.0 oz/A	12	7	
	<i>OR</i>	*Baythroid XL 1 L		2.0-2.4 fl oz/A	12	7	
	<i>OR</i>	Belay 2.1 EC		6 fl oz/A	12	21	

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	Rate/100 gal	Rate/A	REI (hrs)	PHI (days)	Comments (see text)
Additional Summer Sprays (continued)						
Tarnished plant bug, Stink bugs (continued)	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	[19.1]
	or *Lannate 90SP	0.25 lb/100 gal	1 lb/A	96	4	
	OR *Leverage 2.7 SE		3.6-4.4 fl oz/A	12	7	
	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 *Thionex 3EC	2/3 qt/100 gal	3.3 qt/A	7 days	30	[19.4]
	or *Thionex 50WP	1 lb/100 gal	4-5 lb/A	20 days	30	
	OR *Voliam Xpress		6-12 fl oz/A	24	14	
OR *Warrior II 2.08 CS		1.3-2.5 fl oz/A	24	14		
Western flower thrips	Actara 25WDG		4.5-5.5 oz/A	12	14	[20.2]
	OR Entrust 80WP		1.25-2.5 oz/A	4	1	
	OR Delegate WG		4.5-7 oz/A	4	1	
	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)			[21.1]
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”					
X-Disease	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
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.