Insect or Disease	Recommended	Grp ¹	Amount Per Ha	Amount Per Acre	REI ²	PHI ³	Precautions and Notes
	Product Choices					(days)	
Rust Mites and	calcium	M2	3.67 L/100 L plus	3.67 L/100 L plus	12h	n/a	
Pearleaf Blister	polysulphide (Lime		1.25 L dormant	1.25 L dormant			
Mite	sulphur 30%) 16465		oil/100 L	oil/100 L			
San Jose Scale	mineral oil (Superior	NC	60 L	24 L	12 h	n/a	One application/season. Apply in sufficient water volume to
	70) 14981						ensure thorough and uniform coverage. Do not use prior to
							or during freezing temperatures or rain. Apply when buds are
							just breaking. Do not use after green tip stage.
	mineral oil	NC	90 L	36 L	12 h	n/a	One application/season. Apply in sufficient water volume to
	(Guardsman) 23370						ensure thorough and uniform coverage. Do not use prior to
							or during freezing temperatures or rain. Apply when buds are
							just breaking. Do not use after green tip stage.
	mineral oil	NC	20L/1000 L of water	20L/1000 L of water	12 h	0	Apply at green tip to delayed dormant. Do not apply just prior
	(Purespray Green)						to or during freezing temperatures or rain.
	27666						
European Red Mite	mineral oil	NC	20L/1000 L of water	20L/1000 L of water	12 h	0	Apply at green tip to delayed dormant. Do not apply just prior
	(Purespray Green)						to or during freezing temperatures or rain.
	27666						
Ambrosia Beetle	Notes: See description	on of Cu	Itural control options.				

Insect or Disease	Recommended Product Choices	Grp ¹	Amount Per Ha	Amount Per Acre	REI ²	PHI ³ (days)	Precautions and Notes
Brown Rot	BLAD polypeptide (ProBlad) 34050	BM-0 1	1.5 - 3.3 L	0.61 - 1.33 L		0	Make application in the month before harvest on a 7 to 10 day preventive schedule when conditions favour disease development.
	pyraclostrobin + fluxapyroxad (Merivon) 33951	7 + 11	0.3 - 0.4 L	0.12 - 0.16 L	12 h - 12 days	1 day (hand harvest)	Limit sprays of Group 11 fungicides to 2 sprays/season. REI's: hand thinning - 12 days, hand harvesting - 1 days, mechanical harvesting and all other activities - 12 hours.
	pydiflumetofen + difenoconazole (Miravis Duo) 33206	7+3	1 L	405 ml	12 hours	0 days	Max 2 applications per year, then switch to a non-Group 7 and 3 fungicide. Application interval: 7 - 14 days.
	mefentrifluconazole (Cevya) 33405	3	0.25 - 0.375 L	0.1 - 0.15 L	12 hours	0	Do not make more than 2 sequential applications before alternating to a non-group 3 fungicide registered for the same use. Begin applications prior to disease development Apply an additional applic. at an interval of 7 - 14 days if

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Stage of Develo	pment: Pink						
Insect or Disease	Recommended	Grp ¹	Amount Per Ha	Amount Per Acre	REI ²	PHI ³	Precautions and Notes
	Product Choices					(days)	
							disease persists or weather conditions are favourable for
							disease development.
	fluopyram +	7+11	300-400 mL	121-162 mL	12 h	1 day	Use higher rate for high disease pressure. Rotate with
	trifloxystrobin (Luna						fungicides from other groups. Limit use of group 11
	Sensation) 32107						fungicides to 2 applications per season.
	metconazole	3	175 - 245 g	71 - 99 g	12 h -	14	Do not apply to 'Stanley' type plums. Use in rotation with
	(Quash 30402)				9		fungicides from other groups from pink to petal fall. Maximum
					days		1 application/season. REI of 9 days is for thinning.
	fluxapyroxad	7	333 mL	135 mL	12 h	0	The use of a non-ionic surfactant (0.125%) is recommended.
	(Sercadis) 31697						Begin treatment when conditions favour disease
							development. Apply a second spray 7-14 days up to blossom
							if conditions for disease development persist. Maximum
							amount per season: 1 L/ha (405 mL/acre). Maximum 3
							applications per season.

Insect or Disease	Recommended Product Choices	Grp ¹	Amount Per Ha	Amount Per Acre	REI ²	PHI ³ (days)	Precautions and Notes
Fruittree and European Leafrollers	Bacillus thuringiensis (Bioprotec PLUS) 32425	11	1.8-2.5 L	0.73-1.0 L	24 h*	0	Will also control other leaf-feeding larvae present. See Notes. Spray interval: 7 days under optimal conditions.
	Bacillus thuringiensis (Bioprotec CAF) 26854	11	4.0 L	1.6 L	24 h*	0	Will also control other leaf-feeding larvae present. Apply in late afternoon or on a cloudy day when there is no threat of rain within 24 hours. Re-apply if 2 mm or more rainfall within 24 hours of spraying. Spray interval: 7 days under optimal conditions.
	Bacillus thuringiensis (Dipel 2X DF) 26508	11	1.125 - 1.675 kg	455 - 678 g	24 h*	0	Will also control other leaf-feeding larvae present. See Notes for Bioprotec regarding application timing. Spray interval: 7 days under optimal conditions.
Green Fruitworms	Bacillus thuringiensis (Bioprotec PLUS) 32425	11	1.8-2.5 L	0.73-1.0 L	24 h*	0	Will also control other leaf-feeding larvae present. See Notes. Spray interval: 7 days under optimal conditions.
	Bacillus thuringiensis (Bioprotec CAF)	11	4.0 L	1.6 L	24 h*	0	Will also control bud moth. Apply Bt during late afternoon or on a cloudy day when no rain is forecast for the next 24 hours. If there is more than 2 mm rainfall within 24 hour of

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Insect or Disease	Recommended Product Choices	Grp ¹	Amount Per Ha	Amount Per Acre	REI ²	PHI ³ (days)	Precautions and Notes
	26854						application, re-apply product. Optimum solution pH for Bt products is 6. Spray interval: 7 days under optimal conditions.
	Bacillus thuringiensis (Dipel 2X DF) 26508	11	1.125 - 1.675 kg	455 - 678 g	24 h*	0	Will also control bud moth. Apply Bt during late afternoon of on a cloudy day when no rain is forecast for the next 24 hours. If there is more than 2 mm rainfall within 24 hour of application, re-apply product. Optimum solution pH for Bt products is 6.
Obliquebanded and Threelined Leafrollers	Bacillus thuringiensis (Bioprotec PLUS) 32425	11	1.8-2.5 L	0.73-1.0 L	24 h*	0	Will also control other leaf-feeding larvae present. See Notes. Spray interval: 7 days under optimal conditions.
	Bacillus thuringiensis (Bioprotec CAF) 26854	11	4.0 L	1.6 L	24 h*	0	Will also control bud moth. Apply Bt during late afternoon o on a cloudy day when no rain is forecast for the next 24 hours. If there is more than 2 mm rainfall within 24 hour of application, re-apply product. Optimum solution pH for Bt products is 6. Spray interval: 7 days under optimal conditions.
	Bacillus thuringiensis (Dipel 2X DF) 26508	11	1.125 - 1.675 kg	455 - 678 g	24 h*	0	Will also control bud moth. Apply Bt during late afternoon of on a cloudy day when no rain is forecast for the next 24 hours. If there is more than 2 mm rainfall within 24 hour of application, re-apply product. Optimum solution pH for Bt products is 6.
Brown Rot	propiconazole (Princeton) 33840	3	300 ml	121 ml	4 hr to 3 days	3 days	Limit sprays of class 3 fungicides (Princeton, Indar, Quash to 2 per season for resistance management.
	pyraclostrobin + fluxapyroxad (Merivon) 33951	7 + 11	0.3 - 0.4 L	0.12 - 0.16 L	12 h - 12 days	1 day (hand harvest)	Limit sprays of Group 11 fungicides to 2 sprays/season. REI's: hand thinning - 12 days, hand harvesting - 1 days, mechanical harvesting and all other activities - 12 hours.
	pydiflumetofen + difenoconazole (Miravis Duo) 33206	7+3	1 L	405 ml	12 hours	0 days	Max 2 applications per year, then switch to a non-Group 7 and 3 fungicide. Application interval: 7 - 14 days.
	mefentrifluconazole (Cevya) 33405	З	0.25 - 0.375 L	0.1 - 0.15 L	12 hours	0	Do not make more than 2 sequential applications before alternating to a non-group 3 fungicide registered for the same use. Begin applications prior to disease developmen Apply an additional applic. at an interval of 7 - 14 days if disease persists or weather conditions are favourable for disease development.

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Insect or Disease	Recommended Product Choices	Grp ¹	Amount Per Ha	Amount Per Acre	REI ²	PHI ³ (days)	Precautions and Notes
	fluopyram + trifloxystrobin (Luna Sensation) 32107	7+11	300-400 mL	121-162 mL	12 h	1 day	Use higher rate for high disease pressure. Rotate with fungicides from other groups. Limit use of group 11 fungicides to 2 applications per season.
	Isofetamid (Kenja) 31758	7	913 ml	369 ml	12 hrs	1	Suppression only. Apply with a silicone surfactant. Do not apply more than 2 consecutive Group 7 applications. Maximum of 3 applications per year.
	metconazole (Quash 30402)	3	175 - 245 g	70 - 100 g	12 h - 9 days		Do not apply to 'Stanley' type plums. Use in rotation with fungicides from other groups from pink to petal fall. Maximum 1 application/season. REI of 9 days is for thinning.
	copper octanoate (Cueva Commercial) 31825	M1	Prepare 0.5-2% solution (5-20 L/1000 L water)		4 h	1	Apply 470-940 L of mixture/ha (190-380 L/acre) at delayed dormant (bud swell), popcorn, full bloom and petal fall stages for blossom blight control.
	fluxapyroxad (Sercadis) 31697	7	333 mL	135 mL	12 h	0	The use of a non-ionic surfactant (0.125 % v/v) is recommended.
	triforine (Funginex) 27686	3	2.5 L	1 L	48 h	See notes	Do not apply after blossom.
	boscalid (Cantus) 30141	7	370 g	150 g	12 h	0	Avoid more than 2 consecutive applications.
	fenbuconazole (Indar) 27294	3	140 g	57 g	12 h	1	Limit use of group 3 fungicides (Indar, Nova, Princeton, Quash) to 2 sprays/season. Rotate with fungicides from different groups.
	Bacillus subtilis (Serenade Opti) 31666	44	1.1-1.7 kg	445-688 g	24 h*	0	Suppression only. Begin at early bloom and repeat at 7 day intervals through petal fall.
	thiophanate-methyl (Senator 50SC) 32096	1	2.45 L	1 L	24 h*	1	May harm predatory mites. Maximum 2 applications per season.
	boscalid + pyraclostrobin (Pristine WG) 27985	7 + 11	750g - 1 kg	304 g - 405 g	dry - 10 days	0	Limit sprays of class 11 fungicides to 2 per season for resistance management. 10 days REI for thinning.
	penthiopyrad (Fontelis) 30331	7	1.0-1.75 L	405-709 mL	12 h	0	Do not apply more than 2 times per season. Use high rate fo high disease pressure.
	captan (Captan Supra 33641, Maestro 33488)	M4	3.75 - 4.5 kg	1.5 - 1.8 kg	48 h	2	Do not apply in combination with or immediately before or after oil sprays.

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Insect or Disease	Recommended Product Choices	Grp ¹	Amount Per Ha	Amount Per Acre	REI ²	PHI ³ (days)	Precautions and Notes
Obliquebanded and Threelined	Chlorantraniliprole (Altacor MaX) 34654	28	73 - 143 g	30 - 58 g	12 h	5	Apply when larvae become active. Do not apply more than 3 times/ season. Spray interval: 10 to 14 days (see label).
Leafrollers	cyclaniliprole (Harvanta 50SL) 32889	28	1.2 - 1.6 L	485 - 647 ml	12	7 days	Toxic to bees. Do not make more than 3 applications per crop year. Where possible, rotate the use of Harvanta or other Group 28 insecticides with different groups that contro the same pests.
	Bacillus thuringiensis (Bioprotec PLUS) 32425	11	1.8-2.5 L	0.73-1.0 L	24 h*	0	Will also control other leaf-feeding larvae present. See Notes. Spray interval: 7 days under optimal conditions.
	spinosad (Success) 26835	5	182 mL	74 mL	dry	7	Do not apply more than 3 times/season. Spray interval: 7 to 10 days.
	Bacillus thuringiensis (Bioprotec CAF) 26854	11	4.0 L	1.6 L	24 h*	0	Will control bud moth. Spray interval: 7 days under optimal conditions.
	cyantraniliprole (Exirel) 30895	28	500-1000 mL	202-404 mL	12 h	3	Apply when larvae are active. Do not apply more than 4 times/season. Do not tank mix with Flint, Sovran, Pristine, copper or captan fungicides. Toxic to bees. Spray interval: 10 to 10 days.
	novaluron (Rimon) 28515	15	1.35-3.35 L	0.55-1.35 L	12 h	14	For obliquebanded leafroller. Use the high rate for higher populations. Do not apply more than 3 times/season. Spray interval: 10 to 14 days.
	spinosad (Entrust) 30382	5	364 mL	147 mL	dry	3	Do not apply more than 3 times per season. Spray interval: to 10 days.
	spinetoram (Delegate) 28778	5	210-420 g	85 g -170 g	12 h	3	Use pheromones to monitor adult moth flight, and apply at first egg hatch. Maximum 3 applications per season. Use higher rate under high pest pressure and/or larger larvae. Spray interval: 14 days.
	chlorantraniliprole (Altacor) 28981	28	145-285 g	59-115 g	12 h	1	Monitor larval populations in the spring; apply when larvae are active. Do not apply more than 3 times/season. For rates above 215 g/ha (87 g/ac), do not apply more than twice/season. Spray interval: 7 to 14 days (see label).
	Notes: Thorough cov		important for good co	ontrol.			
Western Flower Thrips	cyclaniliprole (Harvanta 50SL) 32889	28	1.2 - 1.6 L	485 - 647 ml	12	7 days	Toxic to bees. For suppression only. Do not make more than 3 applications per crop year. Where possible, rotate the use of Harvanta or other Group 28 insecticides with different groups that control the same pests.

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Insect or Disease	Recommended Product Choices	Grp ¹	Amount Per Ha	Amount Per Acre	REI ²	PHI ³ (days)	Precautions and Notes
Green Fruitworms	Bacillus thuringiensis (Bioprotec PLUS) 32425	11	1.8-2.5 L	0.73-1.0 L	24 h*	0	Will also control other leaf-feeding larvae present. See Notes.
	Bacillus thuringiensis (Bioprotec CAF) 26854	11	4.0 L	1.6 L	24 h*	0	Will also control bud moth. Apply Bt during late afternoon or on a cloudy day when no rain is forecast for the next 24 hours. If there is more than 2 mm rainfall within 24 hour of application, re-apply product. Optimum solution pH for Bt products is 6. Spray interval: 7 days under optimal conditions.
	Bacillus thuringiensis (Dipel 2X DF) 26508	11	1.125 - 1.675 kg	455 - 678 g	24 h*	0	Will also control bud moth. Apply Bt during late afternoon or on a cloudy day when no rain is forecast for the next 24 hours. If there is more than 2 mm rainfall within 24 hour of application, re-apply product. Optimum solution pH for Bt products is 6. Spray interval: 7 days under optimal conditions.
Fruittree and European Leafrollers	Bacillus thuringiensis (Bioprotec PLUS) 32425	11	1.8-2.5 L	0.73-1.0 L	24 h*	0	Will also control other leaf-feeding larvae present. See Notes. Spray interval: 7 days under optimal conditions.
	spinosad (Success) 26835	5	182 mL	74 mL	dry	7	Do not apply more than 3 times/season. Spray interval: 7 to 10 days.
	Bacillus thuringiensis (Dipel 2X DF) 26508	11	1.125 - 1.675 kg	455 - 678 g	24 h*	0	Will also control bud moth. Spray interval: 7 days under optimal conditions.
	cyantraniliprole (Exirel) 30895	28	500 - 1000 mL	202 - 404 mL	12 h	3	Apply when larvae are active. Do not apply more than 4 times/season. Do not tank mix with Flint, Pristine, Cabrio, copper or captan fungicides. Toxic to bees.Spray interval: 7 to 10 days.
	spinosad (Entrust) 30382	5	364 mL	147 mL	dry	3	Do not apply more than 3 times/season. Spray interval: 7 to 10 days.
Eyespotted Bud Moth	spinosad (Success) 26835	5	182 mL	74 mL	dry	7	Do not apply more than 3 times/season.
	cyantraniliprole (Exirel) 30895	28	500-1000 mL	202-404 mL	12 h	3	Apply when larvae are active. Do not apply more than 4 times/season. Do not tank mix with Flint, Sovran, Pristine, copper or captan fungicides. Toxic to bees. Spray interval: 7 to 10 days.
	spinosad (Entrust)	5	364 mL	147 mL	dry	3	Do not apply more than 3 times per season. Spray interval:

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Insect or Disease	Recommended Product Choices	Grp ¹	Amount Per Ha	Amount Per Acre	REI ²	PHI ³ (days)	Precautions and Notes
	30382						to 10 days.
Brown Rot	propiconazole (Princeton) 33840	3	300 ml	121 ml	4 hr to 3 days	3 days	Limit sprays of class 3 fungicides (Princeton, Indar, Quash) to 2 per season for resistance management.
	pyraclostrobin + fluxapyroxad (Merivon) 33951	7 + 11	0.3 - 0.4 L	0.12 - 0.16 L	12 h - 12 days	1 day (hand harvest)	Limit sprays of Group 11 fungicides to 2 sprays/season. REI's: hand thinning - 12 days, hand harvesting - 1 days, mechanical harvesting and all other activities - 12 hours.
	pydiflumetofen + difenoconazole (Miravis Duo) 33206	7+3	1 L	405 ml	12 hours	0 days	Max 2 applications per year, then switch to a non-Group 7 and 3 fungicide. Application interval: 7 - 14 days.
	mefentrifluconazole (Cevya) 33405	3	0.25 - 0.375 L	0.1 - 0.15 L	12 hours	0	Do not make more than 2 sequential applications before alternating to a non-group 3 fungicide registered for the same use. Begin applications prior to disease development. Apply an additional applic. at an interval of 7 - 14 days if disease persists or weather conditions are favourable for disease development.
	fluopyram + trifloxystrobin (Luna Sensation) 32107	7+11	300-400 mL	121-162 mL	12 h	1 day	Use higher rate for high disease pressure. Rotate with fungicides from other groups. Limit use of group 11 fungicides to 2 applications per season.
	Isofetamid (Kenja) 31758	7	913 ml	369 ml	12 hrs	1	Suppression only. Apply with a silicone surfactant. Do not apply more than 2 consecutive Group 7 applications. Maximum of 3 applications per year.
	metconazole (Quash 30402)	3	175 - 245 g	71 - 99 g	12 h - 9 days	14	Do not apply to 'Stanley' type plums. Use in rotation with fungicides from other groups from pink to petal fall. Maximun 1 application/season. REI of 9 days is for thinning.
	boscalid (Cantus) 30141	7	370 g	150 g	12 h	0	Avoid more than 2 consecutive applications.
	fenbuconazole (Indar) 27294	3	140 g	57 g	12 h	1	Limit use of group 3 fungicides (Indar, Princeton, Nova, Quash) to 2 sprays/season. Rotate with fungicides from different groups.
	Bacillus subtilis (Serenade Opti) 31666	44	1.1-1.7 kg	445-688 g	24 h*	0	Suppression only.
	boscalid + pyraclostrobin (Pristine WG) 27985	7 + 11	750g - 1 kg	304 g - 405 g	dry - 10 days	0	Limit sprays of class 11 fungicides to 2 per season for resistance management. 10 days REI for thinning.
	penthiopyrad (Fontelis) 30331	7	1.0-1.75 L	405-709 mL	12 h	0	Do not apply more than 2 times per season. Use high rate fo high disease pressure.

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³Pre-harvest interval (Pesticides Chapter). Note: always read and follow the directions on the pesticide label.

Stage of Develop	Stage of Development: Petal Fall											
Insect or Disease	Recommended	Grp ¹	Amount Per Ha	Amount Per Acre	REI ²	PHI ³	Precautions and Notes					
	Product Choices					(days)						
	captan (Captan	M4	3.75 - 4.5 kg	1.5 - 1.8 kg	48 h	2						
	Supra 33641,											
	Maestro 33488)											
	Notes: Brown rot infection begins at bloom. Protect blossoms if weather is wet. Rotate fungicides for resistance management.											

Stage of Develop	Stage of Development: Petal Fall to Husk Fall											
Insect or Disease	Recommended	Grp ¹	Amount Per Ha	Amount Per Acre	REI ²	PHI ³	Precautions and Notes					
	Product Choices					(days)						
Peach Tree Borer	pheromone	NC	250-625	100-250	n/a	0	Apply before moth emergence.					
	(Isomate-P) 27141											

Stage of Develop	Stage of Development: Husk Fall										
Insect or Disease	Recommended	Grp ¹	Amount Per Ha	Amount Per Acre	REI ²	PHI ³	Precautions and Notes				
	Product Choices					(days)					
Western Flower	cyclaniliprole	28	1.2 - 1.6 L	485 - 647 ml	12	7 days	Toxic to bees. For suppression only. Do not make more than				
Thrips	(Harvanta 50SL) 32889						3 applications per crop year. Where possible, rotate the use of Harvanta or other Group 28 insecticides with different				
							groups that control the same pests.				

Stage of Develo	pment: Summer						
Insect or Disease	Recommended	Grp ¹	Amount Per Ha	Amount Per Acre	REI ²	PHI ³	Precautions and Notes
	Product Choices					(days)	
Obliquebanded	Chlorantraniliprole	28	73 - 143 g	30 - 58 g	12 h	5	Apply when larvae become active. Do not apply more than 3
and Threelined	(Altacor MaX) 34654						times/ season. Spray interval: 10 to 14 days (see label).
Leafrollers	tetraniliprole	28	225 ml	91 ml	12	5 days	Max 3 applications per year. Toxic to bees. Do not apply
	(Vayego 200 SC) 33711				hours		during pre-bloom or blooming period. Apply post-bloom only.
	cyclaniliprole (Harvanta 50SL) 32889	28	1.2 - 1.6 L	485 - 647 ml	12	7 days	Toxic to bees. Do not make more than 3 applications per crop year. Where possible, rotate the use of Harvanta or other Group 28 insecticides with different groups that control the same pests.
	Bacillus thuringiensis (Bioprotec PLUS) 32425	11	1.8-2.5 L	0.73-1.0 L	24 h*	0	Will also control other leaf-feeding larvae present. See Notes. Spray interval: 7 days under optimal conditions.
	spinosad (Success) 26835	5	182 mL	74 mL	dry	3	Do not apply more than 3 times/season. Spray interval: 7 to 10 days.

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³Pre-harvest interval (Pesticides Chapter). Note: always read and follow the directions on the pesticide label.

Insect or Disease	Recommended Product Choices	Grp ¹	Amount Per Ha	Amount Per Acre	REI ²	PHI ³ (days)	Precautions and Notes
	Bacillus thuringiensis (Bioprotec CAF) 26854	11	4.0 L	1.6 L	24 h*	0	Will also control other leaf-feeding larvae present. See Notes below. Spray interval: 7 days under optimal conditions.
	cyantraniliprole (Exirel) 30895	28	500-1000 mL	202-404 mL	12 h	3	Monitor adult moth flight and apply at first egg hatch. Do not tank mix with Flint, Pristine, Sovran, copper or captan fungicides. Toxic to bees. Spray interval: 7 to 10 days.
	novaluron (Rimon) 28515	15	1.35-3.35 L	0.55-1.35 L	12 h	14	For obliquebanded leafroller only. Use high rate for higher populations. Do not apply more than 3 times/season. Spray interval: 10 to 14 days.
	spinosad (Entrust) 30382	5	364 mL	147 mL	dry	3	Do not apply more than 3 times/season. Spray interval: 7 to 10 days.
	spinetoram (Delegate) 28778	5	210-420 g	85 g -170 g	12 h	3	Do not apply more than 3 times per season. Use the higher rate under high pest pressure and/or larger larvae. Spray interval: 14 days.
	chlorantraniliprole (Altacor) 28981	28	145-285 g	59-115 g	12 h	7	Monitor adult moth flight and apply at first appearance of larvae. Do not apply more than 3 times/season. For rates above 215 g/ha (87 g/ac), do not apply more than 2 times/season. Spray interval: 7 to 14 days (see label).
							nt for satisfactory control.
European Red Mite	fenazaquin (Magister SC) 34544	21 + 39	1.75 - 2.34 L	0.7 - 0.95 L	12 h - 17 days	10 days	Toxic to bees. Avoid application during bloom. Maximum number of applications: 1
	cyflumetofen (Nealta) 31284	25	1 L	405 mL	12 h	7	For control of all life stages. Do not apply more than 2 times/season. Not for rust mite control. Spray interval: 14 days.
	spirodiclofen (Envidor) 28051	23	750 mL	300 mL	12 h	7	Will also control rust mites. Use Envidor only once per season. Spray interval: minimum 7 days.
	mineral oil (Purespray Green) 27666	NC	10 L	4 L	12 h	0	For suppression only. Begin applications when mites first appear, allow 10-14 days between applications. Do not apply less than 1000 L water/ha (1% solution). Do not use within 14 days before or after captan. Post harvest sprays may be made to reduce over-wintering pressure.
	bifenazate (Acramite) 27925	20D	851 g	344 g	12 h	7	Do not apply more than once/season. Will not control rust mites. Residual control: 21 days.
McDaniel, Twospotted Spider Mites	fenazaquin (Magister SC) 34544	21 + 39	1.75 - 2.34 L	0.7 - 0.95 L	12 h - 17 days	10 days	Toxic to bees. Avoid application during bloom. Maximum number of applications: 1

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Insect or Disease	Recommended Product Choices	Grp ¹	Amount Per Ha	Amount Per Acre	REI ²	PHI ³ (days)	Precautions and Notes
	Mineral oil (Suffoil- X) 33099	NC	13 L/1000 L of water	13 L/1000 L of water	12 hours	0	Test for crop tolerance before widespread use. Apply every 10 - 14 days, depending on level of pest pressure. Do not apply to trees lacking moisture. Do not apply more than 8 applications per year.
	cyflumetofen (Nealta) 31284	25	1 L	405 mL	12 h	7	For control of all life stages. Do not apply more than 2 times/season. Not for rust mite control. Spray interval: 14 days.
	spirodiclofen (Envidor) 28051	23	750 mL	300 mL	12 h	7	Will also control rust mites. Use Envidor only once per season. Spray interval: minimum 7 days.
	bifenazate (Acramite) 27925	20D	851 g	344 g	12 h	7	Do not apply more than once/season. Will not control rust mites. Residual control: 21 days.
Green Peach Aphid and Black Peach Aphid	tetraniliprole (Vayego 200 SC) 33711	28	150 ml	61 ml	12 hours	5 days	Suppression only. Max 3 applications per year. Toxic to bees. Do not apply during pre-bloom or blooming period. Apply post-bloom only.
	Mineral oil (Suffoil- X) 33099	NC		13 L/1000 L of water	12 hours	0	Test for crop tolerance before widespread use. Apply every 10 - 14 days, depending on level of pest pressure. Do not apply to trees lacking moisture. Do not apply more than 8 applications per year.
	flupyradifurone (Sivanto Prime) 31452	4D	500 - 750 mL	202 - 304 mL	12 h	14	Minimum interval between applications: 10 days. Do not apply more than 2000 mL/ha per season.
	cyantraniliprole (Exirel) 30895	28	750-1500 mL	304-607 mL	12 h	3	Do not apply more than 4 times/season. Do not tank mix wi Flint, Sovran, Pristine, copper or captan fungicides. Toxic t bees. Spray interval: 7 to 10 days.
	flonicamid (Beleaf) 29796	29	200 g	81 g	12 h-3 days	14	3 days REI for thinning. Allow a minimum of 7 days betwee applications.
	sulfoxaflor (Closer) 30826	4C	100-200 mL	40-80 mL	12 h	7	Do not apply more than 2 times/season.
	spirotetramat (Movento 240 SC) 28953	23	365 -435 mL	148 -176 mL	12 h	7	Apply Movento with an adjuvant such as Agral 90. Do not exceed 1120 mL Movento/ha (453 mL/ac)/season. Toxic to bees. Spray interval: minimum 14 days.
	mineral oil (Purespray Green) 27666	NC	10 L	4 L	12 h	0	Prevents aphids from feeding. Begin applications when aphids first appear, allow 10-14 days between applications. Do not apply less than 1000 L water/ha (1% solution). Do not use within 14 days before or after captan. Apply post-harve to reduce over-wintering pressure.
	Notes: Do not apply	more th	an twice/season. Spray	/ interval: 10 to 14 day	s. Clutch	n will no lo	onger be registered for use by growers as of April 11, 2021.

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Insect or Disease	Recommended Product Choices	Grp ¹	Amount Per Ha	Amount Per Acre	REI ²	PHI ³ (days)	Precautions and Notes
Drosophila	(Danitol) 33817				23 days		23 days (thinning), 16 days (hand harvesting), 7 days (scouting, hand pruning), 3 days (mechanical harvesting), 2 hours (all other activities)
	cypermethrin (UP- Cyde 2.5 EC) 28795	3	245 - 285 ml	99 - 115 ml	12 hours	2 days	Allow a minimum of 7 days between treatments. Do not apply more than two treatments. Do not apply during crop bloom period.
	cyclaniliprole (Harvanta 50SL) 32889	28	1.2 - 1.6 L	485 - 647 ml	12	7 days	Toxic to bees. Do not make more than 3 applications pe crop year. Where possible, rotate the use of Harvanta or other Group 28 insecticides with different groups that cont the same pests.
	spinosad (Success) 26835	5	182 mL	74 mL	4 h	3	Begin applications when fruit begin to ripen. Will control or adult flies, NOT larvae in the fruit. Allow 7 to 10 days between applications. Do not exceed 182 mL product/ha papplication (74 mL/acre); maximum 3 applications per year
	cyantraniliprole (Exirel) 30895	28	1000-1500 mL	404-607 mL	12 h	3	Begin applications when fruit begin to ripen. Re-apply at day intervals. Do not apply more than 4 times/season. W control only adult flies, NOT larvae inside fruit. Do not tar mix with Flint, Pristine, Sovran, copper or captan fungicide Toxic to bees. Spray interval: 7 to 10 days.
	malathion (Malathion 85E) 8372	1B	610-855 mL/1000 L water	246-346 ml/1000 L water	1 - 3 days	3	May be effective for 5 days. Works better at temperature above 20°C. Only 1 application per year.
	phosmet (Imidan 70% WP) 29064	1B	2.68 kg	1.08 kg	12 h -4 days	17	Toxic to bees. Do not apply more than 1 application per season. All thinning activities must be completed prior to application.
	spinosad (Entrust) 30382	5	364 mL	147 mL	4 h	3	Begin applications when fruit begin to ripen. Will control o adult flies, NOT larvae in the fruit. Allow 7 to 10 days between applications. Do not exceed 364 mL product/ha application (147 mL/acre); maximum 3 applications per year
	spinetoram (Delegate) 28778	5	420 g	170 g	12 h	3	Maximum of 3 applications per season with minimum re treatment intervals of 7 days. Product kills adults only, no larvae in fruit. Start treatments when adults first detected trees.
		<u>Admi</u> re	e, Assail or GF-120 for				
Eyespotted Bud Moth	spinosad (Success) 26835	5	182 mL	74 mL	dry	3	Do not apply more than 3 times/season. Spray interval: 7 10 days.
	Bacillus thuringiensis	11	4.0 L	1.6 L	24 h*	0	Apply Bt during late afternoon or on a cloudy day when n rain is forecast for the next 24 hours. Optimum solution p

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Insect or Disease	Recommended Product Choices	Grp ¹	Amount Per Ha	Amount Per Acre	REI ²	PHI ³ (days)	Precautions and Notes
	(Bioprotec CAF) 26854						for Bt products is 6. Spray interval: 7 days under optimal conditions.
	Bacillus thuringiensis (Dipel 2X DF) 26508	11	1.125 - 1.675 kg	455 - 678 g	24 h*	0	Apply Bt during late afternoon or on a cloudy day when no rain is forecast for the next 24 hours. Optimum solution pH for Bt products is 6. Spray interval: 7 days under optimal conditions.
	cyantraniliprole (Exirel) 30895	28	500-1000 mL	202-404 mL	12 h	3	Do not apply more than 4 times/season. Do not tank mix with Flint, Pristine, Sovran, copper or captan fungicides. Toxic to bees. Spray interval: 7 to 10 days.
	spinosad (Entrust) 30382	5	364 mL	147 mL	dry	3	Do not apply more then 3 times per season. Spray interval: to 10 days.
San Jose Scale	sulfoxaflor (Closer) 30826	4C	200-400 mL	80-160 mL	12 h	7	Do not apply more than 2 times per season. Spray interval: minimum 7 days.
Mealybugs	spirotetramat (Movento 240 SC) 28953	23	365-585 mL	148-237 mL	12 h		Apply Movento with an adjuvant such as Agral 90. Do not exceed 1120 mL Movento/ha (453 mL/ac)/season. Toxic to bees. Spray interval: minimum 14 days.
Peach Tree Borer	novaluron (Rimon) 28515	15	1.4 L/ 1000 L of water	1.4 L/ 1000 L of water	12 h	14	Begin spray application 7-10 days after first trap catch. Spra tree trunk and scaffold limbs with a hand gun sprayer. Spray interval: 21 days. May be harmful to predatory mites.
	spinetoram (Delegate) 28778	5	420 g	170	12	3	For suppression only: Cover the tree trunk and scaffold limbs, particularly the graft union and any pruning cuts. Thorough coverage is essential. Target the 1st instar larvae stage, beginning 7 to 10 days after first adult trap catch.
Shothole Borer	Notes: See descripti	on of sho	thole borer for cultura	al control options.	•		,
Stink Bugs		registere	ed products. Contact f		registere	ed for brow	n marmorated stink bugs (Actara and Clutch) will provide
Brown Rot	pyraclostrobin + fluxapyroxad (Merivon) 33951	7 + 11	0.3 - 0.4 L	0.12 - 0.16 L	12 h - 12 days	1 day (hand harvest)	Limit sprays of Group 11 fungicides to 2 sprays/season. REI's: hand thinning - 12 days, hand harvesting - 1 days, mechanical harvesting and all other activities - 12 hours.
	pydiflumetofen + difenoconazole (Miravis Duo) 33206		1 L	405 ml	12 hours	0 days	Max 2 applications per year, then switch to a non-Group 7 and 3 fungicide. Application interval: 7 - 14 days.
	fluopyram + trifloxystrobin (Luna Sensation) 32107	7+11	300-400 mL	121-162 mL	12 h	1 day	Use higher rate for high disease pressure. Rotate with fungicides from other groups. Limit use of group 11 fungicides to 2 applications per season.
	metconazole (Quash 30402)	3	175 - 280 g	71 - 113 g	12 h - 9 days	14	For fruit brown rot apply 14-21 days before harvest. Maximum 1 application/season. REI of 9 days is for thinning

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	Product Choices					(days)	
	boscalid (Cantus)	7	370 g	150 g	12 h	0	Avoid more than 2 consecutive applications.
	30141						
	fenbuconazole	3	140 g	57 g	12 h	1	Limit use of group 3 fungicides (Indar, Princeton, Quash) to 2
	(Indar) 27294						sprays/season. Rotate with fungicides from different groups.
	boscalid +	7 + 11	750g - 1 kg	304 g - 405 g	dry -	0	Limit sprays of class 11 fungicides to 2/season for resistance
	pyraclostrobin				10		management.
	(Pristine WG) 27985				days		
	penthiopyrad	7	1.0-1.75 L	405-709 mL	12 h	0	Do not apply more than 2 times per season. Use high rate for
	(Fontelis) 30331						high disease pressure.
	captan (Captan	M4	3.75 - 4.5 kg	1.5 - 1.8 kg	48 h	2	
	Supra 33641,						
	Maestro 33488)				1		

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