Insect or Disease	Recommended Product Choices	Grp ¹	Amount Per Ha	Amount Per Acre	REI ²	PHI ³	Precautions and Notes
Peach Twig Borer	cyclaniliprole (Harvanta 50SL) 32889	28	1.2 - 1.6 L	485 - 647 ml	12	(days) 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.
	novaluron (Rimon) 28515	15	1.35-3.35 L	0.55-1.35 L	12 h	14	Apply Rimon with 38-56 L oil/ha (15-22 L/ac) at dormant/delayed dormant. Use high rates if orchard has history of heavy populations. Spray interval: 10 to 14 days.
San Jose Scale	mineral oil (Superior 70) 14981	NC	60 L	24.3 L	12 h	n/a	Do not use prior to or during freezing temperatures or rain. Do not use after green tip stage. Apply sufficient volume to ensure uniform coverage of trees.
	mineral oil (Guardsman) 23370	NC	90 L	36 L	12 h	n/a	Apply at bud-swell stage.
	mineral oil (Purespray Green) 27666	NC	20L/1000 L of water	20L/1000 L of water	12 h	0	Apply at dormant to pre-bloom. Do not apply just prior to or during freezing temperatures or rain.
European Red Mite	mineral oil (Superior 70) 14981	NC	20 L/1000 L	20 L/1000 L			Apply dormant to pre-bloom. Do not apply just prior to or during freezing temperatures or rain.
	mineral oil (Purespray Green) 27666	NC	20L/1000 L of water	20L/1000 L of water	12 h	0	Apply at dormant to pre-bloom. Do not apply prior to or during freezing temperatures or rain.
Lecanium scale	mineral oil (Guardsman) 23370	NC	90 L	36 L	12 h	n/a	Apply at bud swell stage. Use sufficient water to ensure thorough and uniform coverage of the canopy.
	Notes: Use sufficient		volume to ensure thoro		age of the	he tree lim	bs and trunks. Leave lower nozzles on when spraying high
Peach Leaf Curl	chlorothalonil (Echo) 33479	M5	3.5 - 4.9 L	1.4 - 2.0 L	12 hr - 11 days	60	Use higher rate for trees over 6 m in height. Make one application per year as a fall dormant spray at 75-100% leaf drop or in early spring before bud swell/bud break. Do not make more than 3 applications per year including a dormant spray.
	chlorothalonil (Bravo ZNC) 33515	M5	5 - 7 L	2.0 - 2.83 L		60 days	Do not apply Bravo after shuck split. Use higher rate for trees over 6 m in height. Refer to label for specific REI's for thinning activities.
	Copper hydroxide (Parasol) 25901	M1	4.5 - 6.7 L	1.8 - 2.7 L	48 hrs	2 days	Use the higher rate when rainfall is very heavy and disease pressure is high.
	dodine (Syllit 400 FL) 28351	U12	1.8 - 3.5 L	0.728 - 1.416 L	48 hrs	60 days	Maximum 2 applications per year.

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Insect or Disease	Recommended	Grp ¹	Amount Per Ha	Amount Per Acre	REI ²	PHI ³	Precautions and Notes
	Product Choices					(days)	
	copper oxychloride	M1	2 kg	800 g	48 h	n/a	Apply at 75-100% leaf drop during dry weather. A spring
	(Guardsman Copper						dormant spray may also be required.
	Oxychloride 13245)						
	calcium	M2	7.3 L/100 L water	7.3 L/100 L water	48 h	1	Apply early, before oil sprays & before bud swell. See also
	polysulphide (Lime						peach leaf curl under fall treatment.
	sulphur 30%) 16465						
	copper oxychloride	M1	2 kg	800 g	48 h	n/a	Apply at 75-100% leaf drop during dry weather. A spring
	(Copper Spray						dormant spray may also be required.
	19146)						

Insect or Disease	Recommended Product Choices	Grp ¹	Amount Per Ha	Amount Per Acre	REI ²	PHI ³ (days)	Precautions and Notes
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.
	clofentezine (Apollo) 21035	10	300-600 mL	120-240 mL	48 h	1	Apply when mites first appear. Do not apply more than once/season. Residual control: 45 days.
	bifenazate (Acramite) 27925	20D	851 g	344 g	12 h	7	Apply when mites first appear. Do not apply more than once/season. 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
	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.
	clofentezine (Apollo) 21035	10	300 - 600 mL	120 - 240 g	12 h	21	Apply when mites first appear. Do not apply more than once/season.Residual control: 45 days.
	bifenazate (Acramite) 27925	20D	851 g	344 g	12 h	7	Apply when mites first appear. Do not apply more than once/season. Residual control: 21 days.
Peach Twig Borer	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

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Insect or Disease	Recommended	Grp ¹	Amount Per Ha	Amount Per Acre	REI ²	PHI ³	Precautions and Notes
	Product Choices					(days)	
							the same pests.
	deltamethrin (Decis) 22478	3	200 mL	80 mL	48 h	1	Decis is harmful to beneficial insects and mites. Residual control: 10 days/
	phosmet (Imidan 70% WP) 29064	1B	2.68 kg	1.08 kg	12 h - 4	17	Toxic to bees. Do not apply more than 1 application per season. All thinning activities must be completed prior to
	,				days		application.
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.
	mefentrifluconazole	3	0.25 - 0.375 L	0.1 - 0.15 L	12	0	Do not make more than 2 sequential applications before
	(Cevya) 33405		0.20 - 0.373 L	0.1 - 0.13 L	hours		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.
	metconazole	3	175 - 245 g	71 - 99 g	12 h -	14	Use in rotation with fungicides from other groups from pink to
	(Quash 30402)				9 days		petal fall. Maximum 1 application/season. REI of 9 days is for thinning.
	fluxapyroxad (Sercadis) 31697	7	333 mL	135 mL	12 h	0	The use of a non-ionic surfactant (0.125%) is recommended. Begin treatment when conditions favour disease development. Apply a second spray 7-14 days up to blossor if conditions for disease development persist. Maximum amount per season: 1 L/ha (405 mL/acre). Maximum 3 applications per season.

Stage of Develo	pment: Blossom						
Insect or Disease	Recommended	Grp ¹	Amount Per Ha	Amount Per Acre	REI ²	PHI ³	Precautions and Notes
	Product Choices					(days)	
Brown Rot	chlorothalonil (Echo) 33479	M5	3.5 - 6.3 L	1.4 - 2.5 L	12 hr - 11 days	60	Do not apply Echo after shuck split. Use higher rate for trees over 6 m in height. Refer to label for specific REI's for thinning activities. Do no apply this product within 10 days 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
							an oil application as it may cause burning to flowers and leaf tissue.
	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.
	chlorothalonil (Bravo ZNC) 33515	M5	5 - 7 L	2.0 - 2.83 L		60 days	Do not apply Bravo after shuck split. Use higher rate for trees over 6 m in height. Refer to label for specific REI's for thinning activities.
	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	Use in rotation with fungicides from other groups from pink to petal fall. Maximum 1 application/season. REI of 9 days is fo 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 stage 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	1.0 L	48 h	Bloom only	Do not apply after blossom.
	fenhexamid (Elevate) 25900	17	1.7 kg	690 g	4 h	1	Avoid more than 2 consecutive applications.

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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
	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	24h*	0	Suppression only. Begin at early bloom and repeat at 7 day intervals through petal fall.
	myclobutanil (Nova 40WP) 22399	3	340 g	140 g	12 h - 12 days	1	Limit use of group 3 fungicides (Indar, Nova, Topas, Jade, Tilt, Quash) to 2 sprays/season. Rotate with fungicides from other groups for resistance management. 12 days REI for thinning.
	thiophanate-methyl (Senator 50SC) 32096	1	2.45 L	1 L	24 h*	1	Maximum 2 applications/season
	boscalid + pyraclostrobin (Pristine WG) 27985	7 + 11	750 g - 1 kg	304 g - 405 g	dry - 10 days	0	Also suppresses powdery mildew. 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 for 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 captan in combination with or immediately before or closely following oil sprays.
	Notes: May be tank r						
	Notes: Use higher ra Notes: Brown rot infe				∕et. Refe	r to label f	for specific REI's for thinning activities.

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 control the same pests.
	Bacillus	11	1.8-2.5 L	0.73-1.0 L	24 h*	0	Will also control other leaf-feeding larvae present. See

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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
	thuringiensis (Bioprotec PLUS) 32425						Notes. Spray interval: 7 days under optimal conditions.
	spinosad (Success) 26835	5	182 mL	74 mL	dry	14	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 also help control any exposed peach twig larvae presen 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 help control any exposed peach twig larvae present 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.
	novaluron (Rimon) 28515	15	1.35-3.35 L	0.55-1.35 L	12 h	14	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	1	Do not apply more than 3 times per season. Spray interval: 7 to 10 days.
	spinetoram (Delegate) 28778	5	210-420 g	85-170 g	12 h	1	Apply at first egg hatch. Do not apply more than 3 times a 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, or twice per season for rates above 215 g/ha (87 g/ac). Spray interval: 7 to 14 days (see label).
	are first noticed, appl	y Bt duri	ng late afternoon or o	n a cloudy day when n	o rain is	forecast f	e coverage is important for satisfactory control. When larvae or 24 hours. If there is more than 2 mm rainfall within 24 h of an of Bt or another product. Optimum solution pH for Bt
Peach Twig Borer	Chlorantraniliprole (Altacor MaX) 34654	28	108 - 143 g	44 - 58 g	12 h	1	Use pheromone traps to monitor adults and apply within 7 days of first trap catch of adult male moths. Do not exceed 324 g/ha (131 g/ac). Do not apply more than once every 7 days.
	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

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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
							the same pests.
	deltamethrin (Decis) 22478	3	200 mL	80 mL	48 h	1	Decis is harmful to beneficial insects and mites. Residual control: 10 days/
	cyantraniliprole (Exirel) 30895	28	750-1000 mL	304-404 mL	12 h	3	Use pheromone traps to monitor adults and apply with 7 days of first trap catch of adult male moths. Do not apply more than 4times/season. Do not tank mix with Flint, Pristine, Cabrio, copper or captan fungicides. Toxic to bees. Spray interval: 7 to 10 days.
	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.
	novaluron (Rimon) 28515	15	1.35-3.35 L	0.55-1.35 L	12 h	14	Use the high rate for higher populations. Spray interval: 10 to 14 days.
	methoxyfenozide (Intrepid) 27786	18	0.75 L	304 mL	12 h	7	Do not apply more than 2 times per season. Spray interval: 10 to 14 days.
	chlorantraniliprole (Altacor) 28981	28	215-285 g	87-115 g	12 h	1	Use pheromone traps to monitor adults and apply within 7 days of first trap catch of adult male moths. Do exceed 645 g/ha (261 g/ac) per season. Spray interval: 7 to 14 days (see label).
	Notes: To properly ti	me spray	applications, use ph	eromone-baited traps	to monito	or adult ma	ale moths. Success and Entrust will suppress thrips.
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	Do not apply more than once per season. Spray interval: minimum 7 days.
	clofentezine (Apollo) 21035	10	300-600 mL	120-240 mL	12 h	21	Do not apply more than once/season. Residual control: 45 days.
	bifenazate (Acramite) 27925	20D	851 g	344 g	12 h	7	Apply at first sign of mite activity. Do not apply more than once per season. Residual control: 21 days.
	Notes: Determine the coverage.	e presen	ce and number of pre	datory mites before sp	raying. <i>F</i>	Apply the p	products in sufficient water to ensure thorough and uniform
McDaniel,	fenazaquin	21 +	1.75 - 2.34 L	0.7 - 0.95 L	12 h -	10 days	Toxic to bees. Avoid application during bloom. Maximum
Twospotted Spider Mites	(Magister SC) 34544	39			17 days		number of applications: 1
	cyflumetofen	25	1 L	405 mL	12 h	7	For control of all life stages. Do not apply more than 2

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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
	(Nealta) 31284						times/season. Not for rust mite control. Spray interval: 14 days.
	spirodiclofen (Envidor) 28051	23	750 mL	300 mL	12 h	7	Do not apply more than once/season. Spray interval: minimum 7 days.
	clofentezine (Apollo) 21035	10	300 - 600 mL	120-240 mL	12 h	21	Do not apply more than once/season. Residual control: 45 days.
	bifenazate (Acramite) 27925	20D	851 g	344 g	12 h	7	Apply at first sign of mite activity. Do not apply more than once/season. Residual control: 21 days.
	Notes: Determine the coverage.	e presen	ce and number of pre	datory mites before sp	raying. <i>A</i>	Apply the p	products in sufficient water to ensure thorough and uniform
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.
	spinosad (Success) 26835	5	182 mL	73 mL	dry	14	For Nectarines only and suppression only. Apply when larvae become active. Do not apply more than 3 times per season. Do not apply when bees are actively foraging. Spra interval: 7 to 10 days.
	spinosad (Entrust) 30382	5	364 ml	147 ml	dry	14	For Nectarines only and suppression only. Apply when larvae become active. Do not apply more than 3 times per season. Do not apply when bees are actively foraging. Spra interval: 7 to 10 days.
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	14	Do not apply more than 3 times/season. Spray interval: 7 to 10 days.
	Bacillus thuringiensis (Bioprotec CAF) 26854	11	4 L	1.6 L	24 h*	0	See Notes. 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	See notes on application of Bt products.
	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, Cabrio, Pristine, captan or copper fungicides. TOXIC to bees. 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				
							7 to 10 days.				
	Notes: Exirel, Delegate, Entrust, Success and Bt products are stomach poisons so complete coverage is important for satisfactory control. When bloom 80% or more apply Bt products during the late afternoon or on a cloudy day when no rain is forecast for 24 hours. if there is more than 2 mm of rainfall within 24 hours of application, re-apply product. Wait 7 days (in absence of rainfall) before applying a second treatment of Bt or another products. Optimum solution pH for Bt products is 6.										
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) 26854	11	4.0 L	1.6 L	24 h*	0	Will also control other leaf-feeding larvae present. 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 control other leaf-feeding larvae present. Spray interval: 7 days under optimal conditions.				
Eyespotted Bud Moth	spinosad (Success) 26835	5	182 mL	74 mL	dry	1	Do not apply more than 3 times/season. Spray interval: 7 to 10 days.				
	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	1	Do not apply more than 3 times per season. Spray interval: 1 to 10 days.				
Brown Rot	chlorothalonil (Echo) 33479	M5	3.5 - 6.3 L	1.4 - 2.5 L	12 hr - 11 days	60	Do not apply Echo after shuck split. Use higher rate for trees over 6 m in height. Refer to label for specific REI's for thinning activities. Do no apply this product within 10 days o an oil application as it may cause burning to flowers and lea tissue.				
	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.				

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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
	chlorothalonil (Bravo ZNC) 33515	M5	5 - 7 L	2.0 - 2.83 L			Do not apply Bravo after shuck split. Use higher rate for trees over 6 m in height. Refer to label for specific REI's for thinning activities.
	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	Use preventatively in rotation with fungicides from other groups from pink to petal fall. Maximum 1 application/season. REI of 9 days is for thinning.
	fenhexamid (Elevate) 25900	17	1.7 kg	690 g	4 h	1	Do not apply more than 2 consecutive applications.
	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.
	myclobutanil (Nova 40WP) 22399	3	340 g	140 g	12 h - 12 days	1	Limit use of group 3 fungicides (Indar, Nova, Topas, Jade, Tilt, Quash) to 2 sprays/season. Rotate with fungicides from other groups. 12 days REI for thinning.
	boscalid + pyraclostrobin (Pristine WG) 27985	7 + 11	750 g - 1 kg	304 g - 405 g	dry - 10 days	0	Also suppresses powdery mildew. 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,	M4	3.75 - 4.5 kg	1.5 - 1.8 kg	48 h	2	

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Stage of Develo	pment: Petal Fall										
Insect or Disease	Recommended	Grp ¹	Amount Per Ha	Amount Per Acre	REI ²	PHI ³	Precautions and Notes				
	Product Choices					(days)					
	Maestro 33488)	Maestro 33488)									
	Notes: Use higher ra	Notes: Use higher rate for trees over 6 m tall. Refer to label for specific REI's for thinning activities.									
	Notes: Brown rot infe	ection be	gins at bloom. Protect	blossoms if weather is	s wet. Ro	otate fungi	cides for resistance management.				
Powdery Mildew	pydiflumetofen +	7 + 3	1 L	405 ml	12	0 days	Max 2 applications, then switch to a non-Group 7 and 3				
(Peaches and	difenoconazole hours fungicide. Application interval: 7 - 14 days.										
Nectarines)	(Miravis Duo) 33206										

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 Develo	pment: Husk Fall						
Insect or Disease	Recommended	Grp ¹	Amount Per Ha	Amount Per Acre	REI ²	PHI ³	Precautions and Notes
	Product Choices					(days)	
Green Peach	tetraniliprole	28	150 ml	61 ml	12	5 days	Suppression only. Max 3 applications per year. Toxic to
Aphid and Black	(Vayego 200 SC)				hours		bees. Do not apply during pre-bloom or blooming period.
Peach Aphid	33711						Apply post-bloom only.
	flupyradifurone (Sivanto Prime)	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.
	31452						,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	cyantraniliprole	28	750-1500 mL	304-607 mL	12 h	3	Do not apply more than 4 times/season. Do not tank mix with
	(Exirel) 30895						Flint, Pristine, Cabrio, copper or captan fungicides. Toxic to
							bees. Spray interval: 7 to 10 days.
	flonicamid (Beleaf)	29	120-200 g	49-81 g	12 h-3	14	Use higher rate for greater pest populations and/or dense
	29796				days		foliage. Maximum of 3 applications per year. 3 days REI for thinning.
	sulfoxaflor (Closer) 30826	4C	100-200 mL	40-80 mL	12 h	7	Do not apply more than 2 times/season. Spray interval: minimum 7 days.
							ach aphid, black peach aphid and mealy plum aphid). Avoid
	using Group 4 produc	cts more	then twice/season for	all registered uses to	prevent	mite probl	
Peach Twig Borer	tetraniliprole	28	225 ml	91 ml	12	5 days	Max 3 applications per year. Toxic to bees. Do not apply
	(Vayego 200 SC)				hours		during pre-bloom or blooming period. Apply post-bloom only.
	33711						
	spinosad (Entrust)	5	364 mL	147 mL	dry	14	For Suppression only. Apply when larvae become active. Do
	30382						not apply more than 3 times per season. Do not apply when
1	1			1		1	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
							bees are actively foraging. Spray interval: 7 to 10 days.
	methoxyfenozide (Intrepid) 27786	18	0.75 L	304 mL	12 h	7	Do not apply more than 2 times per season. Spray interval: 10 to 14 days.
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.
	spinosad (Success) 26835	5	182 mL	73 mL	dry	14	For Nectarines only and suppression only. Apply when larvae become active. Do not apply more than 3 times per season. Do not apply when bees are actively foraging. Spray interval: 7 to 10 days.
	spinosad (Entrust) 30382	5	364 ml	147 ml	dry	14	For Nectarines only and suppression only. Apply when larvae become active. Do not apply more than 3 times per season. Do not apply when bees are actively foraging. Spray interval: 7 to 10 days.
Mealybugs	spirotetramat (Movento 240 SC) 28953	23	365-585 mL	148-237 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.
Powdery Mildew (Peaches and Nectarines)	fenazaquin (Magister SC) 34544	21 + 39	1.75 - 2.63 L	0.7 - 1.1 L	12 h - 17 days	10 days	Toxic to bees. Avoid application during bloom. Maximum number of applications: 1
	sulphur (Cosavet DF Edge 31869, Kumulus 18836, Microthiol 29487	M2	7.0 kg	2.8 kg	24 h	1	May cause injury during hot weather. Repeat in 10 - 14 days Do not apply more than 8 applications per season. The Cosavet is not registered for use on nectarines. Note: apricots are sensitive to sulphur applications - do not spray sulphur near apricot trees.
	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.
	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.

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Insect or Disease	pment: Husk Fall Recommended	Grp ¹	Amount Per Ha	Amount Per Acre	REI ²	PHI ³	Precautions and Notes
	Product Choices					(days)	
	metconazole	3	245-280 g	99-113 g	12 h -	14	Suppression of powdery mildew only. Maximum one
	(Quash 30402)				9		application/season. REI of 9 days is for thinning.
					days		
	metrafenone	U8	750 mL - 1.12 L	304 - 453 mL	12 h	7	Apply prior to onset of disease and at 14-21 day intervals.
	(Vivando) 29765						Maximum of 2 sprays/season.
	potassium	NC	2.8-5.6 kg	1.13 - 2.27 kg	4 h	0	Suppression only. Do not mix with other pesticides or
	bicarbonate						fertilizers.
	(MilStop) 28095						
	myclobutanil (Nova	3	340 g	140 g	12	1	Limit use of group 3 fungicides (Indar, Nova, Topas, Jade,
	40WP) 22399				h-12		Tilt, Quash) to 2 sprays/season. Rotate with fungicides from
					days		different groups. 12 days REI for thinning.
	trifloxystrobin (Flint	11	140-280 g	57-113 g	12 h -	1	Suppression only. Use the higher rate for high disease
	Extra Fungicide)				7		pressure. Limit sprays of Group 11 fungicides (Flint, Cabrio,
	34962				days		Pristine) to 2 per season. 4 days REI for thinning.
	mineral oil	NC	10 L	4 L	12 h	0	For suppression of powdery mildew, apply in a minimum of
	(Purespray Green)						1000 L water/ha at 10-14 day intervals. Do not use in
	27666						combination with or within 14 days of sulphur or captan.
	boscalid +	7 + 11	750 g - 1 kg	304 g - 405 g	dry -	0	Limit sprays of class 11 fungicides to 2 per season for
	pyraclostrobin				10		resistance management. 10 days REI for thinning.
	(Pristine WG) 27985				days		
	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 for high disease pressure.
	Notes: Rotate fungic	ides fron	n different groups for r	esistance managemer	nt.		
Coryneum blight	trifloxystrobin (Flint	11	210 - 280 g	85 g - 113 g	12 h –	1	Use the high rate for high disease pressure. Limit sprays of
	Extra Fungicide)				4		Group 11 fungicides (Flint, Cabrio, Pristine) to 2/season. 4
	34962				days		days REI for thinning.
	Notes: To prevent fru later than huskfall.	uit infecti	on, apply Flint or Ferb	am as soon as most o	f the hus	sks have o	dropped for good coverage of the fruitlets. Do not apply ferbam

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)				hours		during pre-bloom or blooming period. Apply post-bloom only.
	33711						

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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
	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	1	Do not apply more than 3 times/season.
	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, Cabrio, 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	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	1	Do not apply more than 3 times per season. Spray interval: to 10 days.
	spinetoram (Delegate) 28778	5	210-420 g	85-170 g	12 h	1	Do not apply more than 3 times per season. Use the highe 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 adult moth flight and apply at first egg hatch. 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).
					coverag	e is impor	tant for satisfactory control.
Peach Tree Borer	Chlorantraniliprole (Altacor MaX) 34654	28	108 - 143 g	44 - 58 g	12 h	1	Use pheromone traps to monitor adults and apply within 7 days of first trap catch of adult male moths. Do not exceed 324 g/ha (131 g/ac). Do not apply more than once every 10 days.
	novaluron (Rimon) 28515	15	1.4L/1000L of water	1.4L/1000L of water	12 h	14	Begin spray application 7-10 days after first trap catch. Spray tree trunk and scaffold limbs with a hand gun sprayer. May be harmful to predatory mites. Spray interval: 21 days.
	spinetoram (Delegate) 28778	5	420 g	170	12	1	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 larva stage, beginning 7 to 10 days after first adult trap catch.
	chlorantraniliprole (Altacor) 28981	28	215-285 g	87-115 g	12 h	1	Use pheromone traps to monitor adults and apply within 7 days of first trap catch of adult male moths. Do not exceed

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Insect or Disease	Recommended	Grp ¹	Amount Per Ha	Amount Per Acre	REI ²	PHI ³	Precautions and Notes
	Product Choices					(days)	045 -/h - /004 -/>
							645 g/ha (261 g/ac) per season. Do not apply more than once every 10 days.
	Notes: Mating disrup	tion is ve	ery effective.	1	1	I.	ones every to days.
Peach Twig Borer	Chlorantraniliprole (Altacor MaX) 34654	28	108 - 143 g	44 - 58 g	12 h	1	Use pheromone traps to monitor adults and apply within 7 days of first trap catch of adult male moths. Do not exceed 324 g/ha (131 g/ac). Do not apply more than once every 7 days.
	tetraniliprole (Vayego 200 SC) 33711	28	225 ml	91 ml	12 hours	5 days	Max 3 applications per year. Toxic to bees. Do not apply 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.
	cyantraniliprole (Exirel) 30895	28	750-1000 mL	304-404 mL	12 h	3	Use pheromone traps to monitor adults and apply within 7 days of first trap catch. Do not apply more than 4 times/season. Do not tank mix with Flint, Pristine, Cabrio, copper or captan. Toxic to bees. Spray interval: 7 to 10 days
	phosmet (Imidan 70% WP) 29064	1B	2.68 kg	1.08kg	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.
	novaluron (Rimon) 28515	15	1.35-3.35 L	0.55-1.35 L	12 h	14	Use the higher rate for higher populations. Spray interval: 10 to 14 days.
	spinosad (Entrust) 30382	5	364 mL	147 mL	dry	14	Suppression only. Maximum of 3 applications/season. Avoid use when bees are active. Spray interval: 7 to 10 days.
	methoxyfenozide (Intrepid) 27786	18	0.75 L	304 mL	12 h	7	Do not apply more than 2 times per season. Spray interval: 10 to 14 days.
	chlorantraniliprole (Altacor) 28981	28	215-285 g	87-115 g	12 h	1	Use pheromone traps to monitor adults and apply within 7 days of first trap catch of adult male moths. Do exceed 645 g/ha (261 g/ac) per season. Spray interval: 7 to 14 days (see label).
	Notes: To properly til tunnel into twigs, bud		S.	eromone-baited traps	to monito	or adult ma	ale moths. Bt products are effective if applied before larvae
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

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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
							days.
	spirodiclofen (Envidor) 28051	23	750 mL	300 mL	12 h	7	Do not apply more than once per season. Spray interval: minimum 7 days.
	clofentezine (Apollo) 21035	10	300 - 600 mL	120 - 240 mL	12 h	21	Apply at first sign of mite activity. Do not apply more than once/season. Residual control: 45 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. To prevent phytotoxicity, do not apply less than 1000 L water/ha (1% solution). Do not use within 14 days of 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.
	and uniform coverage	€.					ying. Apply the products in sufficient water to ensure thorough
			rance prior to adoption	as a general field pra	ctice.		BE. It is therefore important to limit application to a small area
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
	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	Do not apply more than once/season. Spray interval: minimum 7 days.
	clofentezine (Apollo) 21035	10	300 - 600 mL	120-240 mL	12 h	21	Do not apply more than once/season. Residual control: 45 days.
	bifenazate (Acramite) 27925	20D	851 g	344 g	12 h	7	Apply at first sign of mite activity. Do not apply more than once/season. 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	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

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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				
							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 wit Flint, Pristine, Cabrio, copper or captan fungicides. Toxic to 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 between applications.				
	sulfoxaflor (Closer) 30826	4C	100-200 mL	40-80 mL	12 h	7	Do not apply more than 2 times/season. Spray interval: minimum 7 days.				
	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 use within 14 days of captan or sulphur.				
	Notes: Do not apply	more tha	n twice/season. Spra	y interval: 10 to 14 day	/s. Clutch	n will no lo	onger be registered for use by growers as of April 11, 2021				
	Notes: Avoid using Group 4 products more than twice/season for all registered uses to prevent mite problems. Not all stone fruit varieties have been tested for tolerance to PureSpray Green Oil 13E. It is therefore important to limit application to a small area of each variety to confirm tolerance prior to adoption as a general field practice. Post harvest sprays of Purespray may be made to reduce over-wintering pressure. Notes: Do not use more than 2 times/season. Spray interval: minimum 7 days. Admire and Alias will no longer be registered for use by growers as of Ap										
	11, 2021.	ore than			_	Imire and					
Spotted Wing Drosophila	fenpropathrin (Danitol) 33817	3	779 - 1559 ml	315 - 631 ml	24 h - 23 days		Toxic to bees. Maximum 1 application per year. REI/PHI's: 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 per crop year. Where possible, rotate the use of Harvanta or other Group 28 insecticides with different groups that contro the same pests.				
	spinosad (Success) 26835	5	182 mL	74 mL	4 h	1	Begin applications when fruit begin to ripen. Will control onl adult flies, NOT larvae in the fruit. Allow 7 to 10 days between applications. Do not exceed 182 mL product/ha pe application (74 mL/acre); maximum 3 applications per year				

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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
	cyantraniliprole (Exirel) 30895	28	1000-1500 mL	404-607 mL	12 h	3	Begin application when fruit begin to ripen. Re-apply at 7 day intervals. Do not apply more than 4 times/season. Will control only adult flies, NOT larvae inside fruit. Do not tank mix with Flint, Pristine, Cabrio, copper or captan fungicides. 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	7	May be effective for 5 days. Works better at temperatures 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	1	Begin applications when fruit begin to ripen. Will control only adult flies, NOT larvae in the fruit. Allow 7 to 10 days between applications. Do not exceed 364 mL product/ha per application (147 mL/acre); maximum 3 applications per year.
	spinetoram (Delegate) 28778	5	420 g	170 g	12 h	1 day	Begin applications when fruit begins to ripen. Re-apply at 7-day intervals (maximum 3 applications per season for all uses). For control of adults only.
			e, Assail or GF-120 for				
Eyespotted Bud Moth	spinosad (Success) 26835	5	182 mL	74 mL	dry	1	Do not apply more than 3 times/season. Spray interval: 7 to 10 days.
	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, Cabrio, copper or captan fungicides. Toxic to bees.
	spinosad (Entrust) 30382	5	364 mL	147 mL	dry	1	Do not apply more than 3 times per season. Spray interval: 7 to 10 days.
Lecanium scale	malathion (Malathion 85E) 8372	1B	490 - 855 mL/1000 L water		1 - 3 days	7	Only one application per year. Apply the spray mixture in sufficient volume to ensure thorough coverage. Can provide up to 10 days protection.
	spirotetramat (Movento 240 SC) 28953	23	365-585 mL	148-237 mL	12 h	7	For suppression only. 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.
San Jose Scale	sulfoxaflor (Closer) 30826	4C	200-400 mL	80-160 mL	12 h	7	Do not apply more than 2 times/season. Spray interval: minimum 7 days.
	spirotetramat (Movento 240 SC) 28953	23	365-585 mL	148-237 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: 7 days.

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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				
	density trees in order		olume to ensure thoro ol scales on the trunk	S.		he tree lim	bs and trunks. Leave lower nozzles on when spraying high				
Mealybugs	spirotetramat (Movento 240 SC) 28953	23	365-585 mL	148-237 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.				
Shothole Borer	Notes: Cultural control. See description of shothole borer.										
Stink Bugs	Notes: There are no registered products. Contact field advisor. Products registered for brown marmorated stink bugs (Actara and Clutch) will provide some control. Check product labels.										
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	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 developmen 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 no apply more than 2 consecutive Group 7 applications. Maximum of 3 applications per year.				
	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 thinnin				
	fenhexamid (Elevate) 25900	17	1.7 kg	690 g	4 h	1	Do not apply more than 2 consecutive applications.				
	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.				
	myclobutanil (Nova 40WP) 22399	3	340 g	140 g	12 h - 12	1	Limit use of Group 3 fungicides (Indar, Nova, Topas, Jade Tilt, Quash) to 2 sprays/season. Rotate with fungicides fro				

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Stage of Develo	oment: Summer						
Insect or Disease	Recommended	Grp ¹	Amount Per Ha	Amount Per Acre	REI ²	PHI ³	Precautions and Notes
	Product Choices					(days)	
					days		different groups. 12 days REI for thinning.
	boscalid +	7 + 11	750 g - 1 kg	300 g - 405 g	dry -	0	Also suppresses powdery mildew. Limit sprays of class 11
	pyraclostrobin				10		fungicides to 2 per season for resistance 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)						
	Notes: Fruit becomes	s increas	singly susceptible to br	own rot as it ripens. R	otate fur	ngicides fo	r resistance management. Follow pre-harvest intervals.
Powdery Mildew	pydiflumetofen +	7 + 3	1 L	405 ml	12	0 days	Max 2 applications, then switch to a non-Group 7 and 3
(Peaches and	difenoconazole				hours		fungicide. Application interval: 7 - 14 days.
Nectarines)	(Miravis Duo) 33206						
Post-Harvest Rots	boscalid +	7 + 11	750 g - 1 kg	300 g - 405 g	dry -	0	Limit sprays of group 11 fungicides to 2 per season for
Initiated in the	pyraclostrobin				10		resistance management.
Orchard	(Pristine WG) 27985				days		

Insect or Disease	Recommended Product Choices	Grp ¹	Amount Per Ha	Amount Per Acre	REI ²	PHI ³ (days)	Precautions and Notes		
Brown Rot	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.		
	chlorothalonil (Bravo ZNC) 33515	M5	5 - 7 L	2.0 - 2.83 L		60 days	Use higher rate for trees over 6 m in height. Refer to label for specific REI's for thinning activities.		
Coryneum blight	copper oxychloride (Guardsman Copper Oxychloride 13245)	M1	9 kg	3.6 kg	48 h		Apply in September after harvest before fall rains. Maximum 1 application per year.		
	copper octanoate (Cueva Commercial) 31825	M1	Prepare 0.5-2% (5-20 L/1000 L water)				Apply 470-940 L/ha (190-380 L/ac) as a dormant spray in late fall during a period of dry weather.		
	copper oxychloride (Copper Spray 19146)	M1	9 kg	3.6 kg	48 h	n/a	Apply in September after harvest before fall rains		
	Notes: Apply in September after harvest before fall rains.								
Peach Leaf Curl	copper oxychloride (Guardsman Copper	M1	2 kg	800 g	48 h	n/a	Apply at 75-100% leaf drop during dry weather. A spring dormant spray may also be required.		

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Stage of Development: Fall								
Insect or Disease	Recommended	Grp ¹	Amount Per Ha	Amount Per Acre	REI ²	PHI ³	Precautions and Notes	
	Product Choices					(days)		
	Oxychloride 13245)							
	copper octanoate	M1	Prepare 0.5-2%		4 h		Apply 470-940 L/ha (190-380 L/ac) as a dormant spray in	
	(Cueva Commercial)		(5-20 L/1000 L				late fall during a period of dry weather.	
	31825		water)					
	copper oxychloride	M1	2 kg	800 g	48 h	n/a	Apply at 75-100% leaf drop during dry weather. A spring	
	(Copper Spray						dormant spray may also be required.	
	19146)							

Stage of Develo	Stage of Development: Post-Harvest									
Insect or Disease	Recommended	Grp ¹	Amount Per Ha	Amount Per Acre	REI ²	PHI ³	Precautions and Notes			
	Product Choices					(days)				
Peach Leaf Curl	Copper hydroxide	M1	4.5 - 8.9 L	1.8 - 3.6 L	48 hrs	2 days	Apply after leaf fall. Use the higher rate when rainfall is very			
	(Parasol) 25901						heavy and disease pressure is high.			
Post-Harvest Rots	fludioxonil (Scholar)	12	n/a	n/a	n/a	n/a	For protection against Brown, Botrytis and Rhizops rots,			
Initiated in the	29528						apply post-harvest dip or drench application of harvested fruit			
Orchard							on the packing line. See label for details.			

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