Perennia

2026

WILD BLUEBERRY GUIDE TO WEED, INSECT, AND DISEASE MANAGEMENT

DISCLAIMER

Recommendations in this guide are given for general information only and do not give the user the right to use a product in a manner not in accordance with the pesticide label or Pest Control Products Act. Perennia, by funding and printing this publication, and the editors/authors, do not offer any warranty or guarantee and do not assume any liability for crop loss, animal loss, health, safety, or environmental hazard caused by the use of any pesticide, advice, or recommendation in this schedule. Pesticides used in this schedule are products labeled for the target and crop. This information was retrieved from the Pest Management Regulatory Agency online list of Registered Products Database. The list of products presented in this schedule is intended to be complete, based on products known to be available in the region, but in no way is guaranteed to be complete. Some of the products listed may not be available. Trade names are given as a convenience to producers and are neither an endorsement of the product nor a suggestion that similar products are not available or effective.

Discard old editions of the pesticide spray guide. Each year, Perennia specialists update the pesticides and information contained in this publication.

ONLINE RESOURCE

The information contained in the following summary is also available online in an interactive format at https://www.farmdatatools.perennia.ca/pest-guides/

Emergency and First Aid Procedure for Pesticide Poisoning

- If poisoning from exposure to a pesticide by swallowing, inhalation or contact with skin or eyes is suspected, read the product label of the pesticide container and carry out first aid treatment as suggested.
- If a person is seriously injured, call 911 immediately.
- Emergency advice on pesticide poisoning is available 24 hours/day from the Atlantic Canada Poison Centre. Phone: 1-844-764-7669 (NS & PEI).

All Herbicides in the Wild Blueberry Weed Guide 2026

Group	Active Ingredient	Herbicide	PCP #	Weed Type	PHI (days)	REI (days)	Product Maximum	Application Interval	Status Update
-	acetic acid	**Serene 20 LI**	30248	Broadleaf, Grass	0	0.5, when dry	-	-	
-	ammonium salt of fatty acid	**AXXE Broad spectrum herbicide 36 SN**	32719	Broadleaf, Grass	-	-	-	-	
1	Fluazifop-P-butyl	**Fluent 125 EC**	35385	Grass	60-420, see label	0.5	1 app	-	
1	fluazifop-P-butyl + S-isomer	**Venture L 125 EC**	21209	Grass	60	0.5	1 app	-	
1	sethoxydim	**Poast Ultra 450 EC**	24835	Grass	15	0.5	1 app	-	Phase-out: Last sale by retail October 9, 2026. Expiry date of registration and final use by October 9, 2027.
2	flazasulfuron	**Chikara 25 WG**	33130	Broadleaf, Grass	75	0.5	1 app	-	
2	foramsulfuron	**Option 2.25 OD**	27424	Broadleaf, Grass	Sprout year only	0.5, when dry	1 app	-	
2	rimsulfuron	**Prism 25 SG**	30057	Broadleaf, Grass	14 months	0.5	1 app per non-bearing year	-	
2	rimsulfuron + nicosulfuron	**Steadfast IS WG**	33369	Broadleaf, Grass	14 months	0.5	1 app	-	
2	rimsulfuron + nicosulfuron	**Ultim 75 DF**	32709	Broadleaf, Grass	14 months	0.5	-	-	
2	tribenuron methyl	**Spartan 75 WG**	23632	Broadleaf	0	0.5	-	-	
3	propyzamide	**Kerb 400 SC**	30264	Grass	0	1	-	-	
4	clopyralid	**Lontrel 360 LI**	23545	Broadleaf	10 months	0.5	-	-	
4	clopyralid (present as triisopropanolamine salt)	**Pyralid 300**	32265	Broadleaf	10 months	0.5	1 app	-	
4	dicamba	**Banvel 480 SN**	18837	Broadleaf	-	0.5	-	-	
4	dicamba	**Oracle 480 SN**	26722	Broadleaf	-	0.5	-	-	
4	triclopyr	**Garlon XRT 755 EC**	28945	Broadleaf	-	0.5	1 app	-	
5	hexazinone	**Velpar L CU 240 WDS**	31786	Broadleaf, Grass	0	2	-	-	
5	simazine and related triazines	**Princep Nine-T 90 WG**	16370	Broadleaf, Grass	60	0.5	1 app	-	
5	terbacil	**Sinbar 80 WG**	30082	Broadleaf, Grass	0	0.5	1 app	-	
9	glyphosate	**Roundup WeatherMAX 540 SN**	27487	Broadleaf, Grass	-	0.5	1 app	-	
10	glufosinate ammonium	**Ignite 150 SN**	28532	Broadleaf, Grass	0	0.5	6.7 L/ha	-	
10	glufosinate ammonium	**Opportunity 15 SL**	34332	Broadleaf, Grass	0	0.5	6.7 L/ha	-	
14	flumioxazin	**Chateau 51 WDG**	29231	Broadleaf, Grass	0	0.5	2 apps	30	
14	flumioxazin	**Flumioxazin EZ Herbicide 479 SC**	33524	Broadleaf, Grass	7	0.2-7, see label	2 app	30	
14	sulfentrazone	**Authority 480 SC**	29012	Broadleaf, Grass	3	0.5	1 app every 2 years	-	
20	dichlobenil	**Casoron G-4**	12533	Broadleaf, Grass	100	0.5	-	-	
27	mesotrione	**Callisto 480 SC**	27833	Broadleaf	60	0.5	1 app	-	
27	mesotrione	**Mester 480 SC**	33632	Broadleaf	60	0.5	1 app	-	
29	indaziflam	**Alion 200 SC**	30451	Broadleaf, Grass	90	0.5	1 app	-	

Guide to Weed Management in Wild Blueberry 2026

Weed Types	Group	Active Ingredient	Herbicide	Rate	Water Volume	PHI (days)	REI (days)	Product Maximum	Restricted Reapplication (days)	Notes / Restrictions / Warnings
A: SPROUT YEAR										
01: Before Crop Emergence										
Broadleaf, Grass	2	flazasulfuron	**Chikara 25 WG**	150-200 g/ha, see label	-	75	0.5	1 app	-	**Crop stage:** Can be applied in fall of crop year to dormant, renovated fields. Can also be applied in spring of the sprout year prior to vegetative regrowth. **Crop safety:** For postemergence application, use an adjuvant
	2	rimsulfuron	**Prism 25 SG**	60 g/ha	140 L/ha	14 months	0.5	1 app per non-bearing year	-	**Pest stage:** Apply when annual grasses have 1-6 leaves. **Crop safety:** Stunting and yield losses may occur if plants are contacted. **Coverage:** To be used with an adjuvant, such as Agral 90.
	2	rimsulfuron + nicosulfuron	**Steadfast IS WG**	40-66.5 g/ha, see label	140 L/ha (min)	14 months	0.5	1 app	-	**Pest stage:** Apply when annual grasses have 1-6 leaves (up to tillering). **Crop stage:** Sprout year, either before or after blueberry emergence. **Crop safety:** Stunting and yield losses may occur if blueberry plants are contacted by the spray. **Recommendations:** This product should be applied with a surfactant.
	2	rimsulfuron + nicosulfuron	**Ultim 75 DF**	See label	140 L/ha (min)	14 months	0.5	-	-	**Pest stage:** Apply when annual grasses have 1-6 leaves and perennial grasses have 3-6 leaves. **Crop safety:** Stunting and yield losses may occur if plants are contacted. **Recommendations:** To be used with an adjuvant, such as Agral 90.
Broadleaf	2	tribenuron methyl	**Spartan 75 WG**	0.04 kg/ha	150-250 L/ha	0	0.5	-	-	**Recommendations:** This product should be applied with a surfactant.
Broadleaf, Grass	5	hexazinone	**Velpar L CU 240 WDS**	See label	-	0	2	-	-	**Crop stage:** Apply before crop emerges from ground. **Crop safety:** Do not apply after buds have begun to break or crop damage may occur.
	5	simazine and related triazines	**Princep Nine-T 90 WG**	1.5-2 kg/ha, see label	300 L/ha	60	0.5	1 app	-	**Crop stage:** Dormant.
	5	terbacil	**Sinbar 80 WG**	1.5-2.5 kg/ha, see label	200 L/ha	0	0.5	1 app	-	**Crop stage:** Use only on established plants (one year).
	10	glufosinate ammonium	**Ignite 150 SN**	2.7-5 L/ha, see label	100 L/ha (min)	0	0.5	6.7 L/ha	-	**Crop safety:** Avoid contact to green bark, stems, or foliage.

Weed Types	Group	Active Ingredient	Herbicide	Rate	Water Volume	PHI (days)	REI (days)	Product Maximum	Restricted Reapplication (days)	Notes / Restrictions / Warnings
	10	glufosinate ammonium	**Opportunity 15 SL**	2.7-5 L/ha, see label	100 L/ha	0	0.5	6.7 L/ha	-	**Crop safety:** Avoid contact to green bark, stems, or foliage. **Crop stage:** Dormant.
	14	sulfentrazone	**Authority 480 SC**	219-292 mL/ha, see label	100 L/ha (min)	3	0.5	1 app every 2 years	-	
Broadleaf	27	mesotrione	**Callisto 480 SC**	0.3 L/ha	100-200 L/ha	60	0.5	1 app	-	**Recommendation:** This product should be applied with a surfactant. **Pest stage:** Apply up to the 8 leaf stage of weeds. **Crop stage:** Pre-bloom.
	27	mesotrione	**Mester 480 SC**	0.3 L/ha	100-200 L/ha	60	0.5	1 app	-	**Recommendation:** This product should be applied with a surfactant. **Pest stage:** Apply up to the 8 leaf stage. **Crop stage:** Apply pre-bloom.
Broadleaf, Grass	29	indaziflam	**Alion 200 SC**	375 mL/ha	-	90	0.5	1 app	-	**Crop stage:** Apply with ground equipment when crop is dormant. **Crop safety:** Do not apply prior to any type of soil disturbance. Do not apply to green foliage or fruit.
02: After Crop Emergence										
Broadleaf, Grass	-	acetic acid	**Serene 20 LI**	See label	-	0	0.5, when dry	-	-	**Crop safety:** Do not spray the crop directly. Do not apply when plants are under stress.
Grass	1	Fluazifop-P-butyl	**Fluent 125 EC**	2 L/ha	-	60-420, see label	0.5	1 app	-	**Crop stage:** Apply from late May to early June during early to late bloom. **Pest stage:** 2 – 5 leaf stage of annual grasses
	1	fluazifop-P-butyl + S-isomer	**Venture L 125 EC**	1-2 L/ha, see label	-	60	0.5	1 app	-	**Crop stage:** Can be applied in cropping or sprouting year. **Pest stage:** Apply post emergently on actively growing grasses.
	1	sethoxydim	**Poast Ultra 450 EC**	1.1 L/ha	-	15	0.5	1 app	-	**Pest stage:** Apply post emergently on actively growing grasses. Most effective when grass is at the 2-5 leaf stage. **Coverage:** Use with Merge Adjuvant or Assist Oil Concentrate at 0.5 - 2.0 L/h
Broadleaf, Grass	2	foramsulfuron	**Option 2.25 OD**	1.56 L/ha	150 L/ha	Sprout year only	0.5, when dry	1 app	-	**Coverage:** Apply OPTION 2.25 OD LIQUID Herbicide at 1.56 L/ha in conjunction with liquid nitrogen fertilizer (28 % UAN) at a rate of 2.5 L/ha. This product should be applied with a surfactant.

Weed Types	Group	Active Ingredient	Herbicide	Rate	Water Volume	PHI (days)	REI (days)	Product Maximum	Restricted Reapplication (days)	Notes / Restrictions / Warnings
	2	rimsulfuron + nicosulfuron	**Steadfast IS WG**	40-66.5 g/ha, see label	140 L/ha (min)	14 months	0.5	1 app	-	**Pest stage:** Apply when annual grasses have 1-6 leaves (up to tillering). **Crop stage:** Sprout year, either before or after blueberry emergence. **Crop safety:** Stunting and yield losses may occur if blueberry plants are contacted by the spray. **Recommendations:** This product should be applied with a surfactant.
	2	rimsulfuron + nicosulfuron	**Ultim 75 DF**	See label	140 L/ha (min)	14 months	0.5	-	-	**Pest stage:** Apply when annual grasses have 1-6 leaves and perennial grasses have 3-6 leaves. **Crop safety:** Stunting and yield losses may occur if plants are contacted. **Recommendations:** To be used with an adjuvant, such as Agral 90.
Broadleaf	2	tribenuron methyl	**Spartan 75 WG**	0.04 kg/ha	150-250 L/ha	0	0.5	-	-	**Recommendations:** This product should be applied with a surfactant.
	4	clopyralid	**Lontrel 360 LI**	0.42-0.46 L/ha, see label	150-200 L/ha (see label)	10 months	0.5	-	-	**Crop stage:** Apply in June of sprout year, as later applications may cause damage.
	4	clopyralid (present as triisopropanolamine salt)	**Pyralid 300**	504 mL/ha, see label	150-200 L/ha, see label	10 months	0.5	1 app	-	**Crop stage:** Apply in June of sprout year, as later applications may cause damage.
	4	dicamba	**Banvel 480 SN**	2.3-7.1 L/ha, see label	550 L/ha	-	0.5	-	-	**Crop safety:** DO not spray blueberry foliage as it will kill the plant. **Pest stage:** Apply in the fall while the sweetfern is still moderately green. **Crop stage:** Apply after 90% of the blueberries have dropped their leaves.
	4	dicamba	**Oracle 480 SN**	4.6-7.1 L/ha, see label	550 L/ha	-	0.5	-	-	**Crop safety:** Do not spray blueberry foliage as it will kill the plant. **Pest stage:** Apply in the fall while the sweet-fern is still moderately green. **Crop Stage:** Apply after 90% of the blueberries have dropped their leaves.
	4	triclopyr	**Garlon XRT 755 EC**	13-19 L/ha, see label	200 L/ha	-	0.5	1 app	-	**Crop stage:** Developing fields only. **Crop safety:** Do not spray or touch blueberry foliage as it will kill the blueberry plant. **Recommendations:** Use a diluent such as mineral oil or vegetable oil.

Weed Types	Group	Active Ingredient	Herbicide	Rate	Water Volume	PHI (days)	REI (days)	Product Maximum	Restricted Reapplication (days)	Notes / Restrictions / Warnings
Broadleaf, Grass	9	glyphosate	**Roundup WeatherMAX 540 SN**	0.67-1.34%, see label	-	-	0.5	1 app	-	**Crop stage:** Non-bearing year only. **Crop safety:** Extreme care must be exercised to avoid contact of herbicide solution, spray drift, or mist with non-dormant foliage or green bark of lowbush blueberry stems. Contact of this product with other than dormant plants can result in serious crop damage.
Broadleaf	27	mesotrione	**Callisto 480 SC**	0.3 L/ha	100-200 L/ha	60	0.5	1 app	-	**Recommendation:** This product should be applied with a surfactant. **Pest stage:** Apply up to the 8 leaf stage of weeds. **Crop stage:** Pre-bloom.
	27	mesotrione	**Mester 480 SC**	0.3 L/ha	100-200 L/ha	60	0.5	1 app	-	**Recommendation:** This product should be applied with a surfactant. **Pest stage:** Apply up to the 8 leaf stage. **Crop stage:** Apply pre-bloom.
03: When crop is dormant										
Grass	3	propyzamide	**Kerb 400 SC**	4.1-5.6 L/ha, see label	300-500 L/ha	0	1	-	-	**Crop stage:** Dormant.
Broadleaf	4	dicamba	**Banvel 480 SN**	2.3-7.1 L/ha, see label	550 L/ha	-	0.5	-	-	**Crop safety:** DO not spray blueberry foliage as it will kill the plant. **Pest stage:** Apply in the fall while the sweetfern is still moderately green. **Crop stage:** Apply after 90% of the blueberries have dropped their leaves.
	4	dicamba	**Oracle 480 SN**	4.6-7.1 L/ha, see label	550 L/ha	-	0.5	-	-	**Crop safety:** Do not spray blueberry foliage as it will kill the plant. **Pest stage:** Apply in the fall while the sweet-fern is still moderately green. **Crop Stage:** Apply after 90% of the blueberries have dropped their leaves.
Broadleaf, Grass	20	dichlobenil	**Casoron G-4**	110-175 kg/ha, see label	-	100	0.5	-	-	**Crop stage:** To be used in late winter or fall when plants are dormant.
B: CROP YEAR										
01: Before early bloom										
Grass	1	fluazifop-P-butyl + S-isomer	**Venture L 125 EC**	1-2 L/ha, see label	-	60	0.5	1 app	-	**Crop stage:** Can be applied in cropping or sprouting year. **Pest stage:** Apply post emergently on actively growing grasses.

Weed Types	Group	Active Ingredient	Herbicide	Rate	Water Volume	PHI (days)	REI (days)	Product Maximum	Restricted Reapplication (days)	Notes / Restrictions / Warnings
	1	sethoxydim	**Poast Ultra 450 EC**	1.1 L/ha	-	15	0.5	1 app	-	**Pest stage:** Apply post emergently on actively growing grasses. Most effective when grass is at the 2-5 leaf stage. **Coverage:** Use with Merge Adjuvant or Assist Oil Concentrate at 0.5 - 2.0 L/h
Broadleaf	27	mesotrione	**Callisto 480 SC**	0.3 L/ha	100-200 L/ha	60	0.5	1 app	-	**Recommendation:** This product should be applied with a surfactant. **Pest stage:** Apply up to the 8 leaf stage of weeds. **Crop stage:** Pre-bloom.
	27	mesotrione	**Mester 480 SC**	0.3 L/ha	100-200 L/ha	60	0.5	1 app	-	**Recommendation:** This product should be applied with a surfactant. **Pest stage:** Apply up to the 8 leaf stage. **Crop stage:** Apply pre-bloom.
02: Post harvest										
Broadleaf, Grass	-	acetic acid	**Serene 20 LI**	See label	-	0	0.5, when dry	-	-	**Crop safety:** Do not spray the crop directly. Do not apply when plants are under stress.
	-	ammonium salt of fatty acid	**AXXE Broad spectrum herbicide 36 SN**	45-106 L/ha, 5% ai, see label	280-659 L/ha, see label	-	-	-	-	
	2	flazasulfuron	**Chikara 25 WG**	150-200 g/ha, see label	-	75	0.5	1 app	-	**Crop stage:** Can be applied in fall of crop year to dormant, renovated fields. Can also be applied in spring of the sprout year prior to vegetative regrowth. **Crop safety:** For postemergence application, use an adjuvant
Broadleaf	2	tribenuron methyl	**Spartan 75 WG**	0.04 kg/ha	150-250 L/ha	0	0.5	-	-	Recommendations: This product should be applied with a surfactant.
Grass	3	propyzamide	**Kerb 400 SC**	4.1-5.6 L/ha, see label	300-500 L/ha	0	1	-	-	**Crop stage:** Dormant.
Broadleaf	4	triclopyr	**Garlon XRT 755 EC**	13-19 L/ha, see label	200 L/ha	-	0.5	1 app	-	**Crop stage:** Developing fields only. **Crop safety:** Do not spray or touch blueberry foliage as it will kill the blueberry plant. **Recommendations:** Use a diluent such as mineral oil or vegetable oil.
Broadleaf, Grass	5	hexazinone	**Velpar L CU 240 WDS**	See label	-	0	2	-	-	**Crop stage:** Apply before crop emerges from ground. **Crop safety:** Do not apply after buds have begun to break or crop damage may occur.
	5	simazine and related triazines	**Princep Nine-T 90 WG**	1.5-2 kg/ha, see label	300 L/ha	60	0.5	1 app	-	**Crop stage:** Dormant.

Weed Types	Group	Active Ingredient	Herbicide	Rate	Water Volume	PHI (days)	REI (days)	Product Maximum	Restricted Reapplication (days)	Notes / Restrictions / Warnings
	5	terbacil	**Sinbar 80 WG**	1.5-2.5 kg/ha, see label	200 L/ha	0	0.5	1 app	-	**Crop stage:** Use only on established plants (one year).
	10	glufosinate ammonium	**Ignite 150 SN**	2.7-5 L/ha, see label	100 L/ha (min)	0	0.5	6.7 L/ha	-	**Crop safety:** Avoid contact to green bark, stems, or foliage.
	10	glufosinate ammonium	**Opportunity 15 SL**	2.7-5 L/ha, see label	100 L/ha	0	0.5	6.7 L/ha	-	**Crop safety:** Avoid contact to green bark, stems, or foliage. **Crop stage:** Dormant.
	14	flumioxazin	**Chateau 51 WDG**	140-420 g/ha, see label	-	0	0.5	2 apps	30	**Pest stage:** Apply prior to weed emergence. **Crop stage:** Dormant Pollinators/Beneficials: Toxic to certain beneficial insects. **Crop safety:** Unacceptable crop injury and yield loss may occur if product comes into contact with non-dormant structures.
	14	flumioxazin	**Flumioxazin EZ Herbicide 479 SC**	149-448 mL/ha, see label	-	7	0.2-7, see label	2 app	30	**Crop safety:** Only use on well-drained soils. **Crop stage:** Dormant. **Pollinators/Beneficials:** Toxic to certain beneficial arthropods.
	14	sulfentrazone	**Authority 480 SC**	219-292 mL/ha, see label	100 L/ha (min)	3	0.5	1 app every 2 years	-	
	20	dichlobenil	**Casoron G-4**	110-175 kg/ha, see label	-	100	0.5	-	-	**Crop stage:** To be used in late winter or fall when plants are dormant.
	29	indaziflam	**Alion 200 SC**	375 mL/ha	-	90	0.5	1 app	-	**Crop stage:** Apply with ground equipment when crop is dormant. **Crop safety:** Do not apply prior to any type of soil disturbance. Do not apply to green foliage or fruit.

All Pesticides in the Wild Blueberry Insect and Disease Guide 2026

Perennia

Group	Active Ingredient	Pesticide	PCP #	PHI (days)	REI (days)	Product Maximum	Restricted Reapplication (days)	Potentially Organic	Status Update
FUNGICIDE AND BACTERICIDE									
1	thiophanate-methyl	**Senator 50 SC**	32096	60	-	2 apps, 3.08 L/ha	10-14 d, see label	No	
1	thiophanate-methyl	**Thief 50 SC**	34499	60	-	2 apps, 3.08 L/ha	10-14 d, see label	No	
3	mefentrifluconazole	**Cevya 400 SC**	33405	0	0.5	1.125 L/ha	7-14 d, see label	No	
3	metconazole	**Quash 50 WG**	30402	7	0.5	2 apps, 540 g/ha	7 d	No	
3	myclobutanil	**Nova 40 WSP**	22399	1-4, see label	0.5-8, see label	3 apps	7-14 d	No	
3	propiconazole	**Bumper 432 EC**	28017	60	0.5	2 apps	10 d	No	
3	propiconazole	**Mission 418 EC**	28016	60	0.5	2 apps	10 d	No	
3	propiconazole	**Pivot 418 EC**	28219	60	0.5	2 apps	10 d	No	
3	propiconazole	**Propi Super 25 EC**	32240	60	0.5	2 apps	10 d	No	
3	propiconazole	**Tilt 250 E**	19346	60	0.5	2 apps	10 d	No	
3	prothioconazole	**Proline 480 SC**	28359	7	1	2 apps, 480 mL/ha	-	No	
3	prothioconazole	**Prothioconazole 480 SC**	34735	7	1-3, see label	2 apps, 840 mL/ha	5-14, see label	No	
3	prothioconazole	**Soratel 250 EC**	34155	7 d	1-7 d, see label	2 apps	5-14 d, see label	No	
3	triforine	**Funginex DC 190 EC**	27686	60	0.5	3 apps	10-14 d, see label	No	
03, 09	difenoconazole + cyprodinil	**Inspire Super EC**	30827	1	0.5	2-4 apps, see label	-	No	
03, 11	azoxystrobin + propiconazole	**Fungtion SC**	32878	30	0.5	2 apps	-	No	
03, 11	azoxystrobin + propiconazole	**Quilt SC**	28328	30	0.5	2 apps	-	No	
7	benzovindiflupyr	**Aprovia 100 EC**	31981	365	0.5	2 apps	10-14 d, see label	No	
7	boscalid	**Cantus 70 WDG**	30141	2	0.5	4 apps	7-14 d, see label	No	
7	fluxapyroxad	**Sercadis 300 SC**	31697	0	0.5	3 apps, 2 L/ha	7-14 d, see label	No	
7	isofetamid	**Kenja 400 SC**	31758	0	0.5	5 apps	7-14 d, see label	No	
7	penthiopyrad	**Fontelis 200 SC**	30331	0	0.5	5.25 L/ha	7-10 d, see label	No	
07, 03	fluopyram + prothioconazole	**Propulse SC**	33955	7	1	2 apps	-	No	
07, 03, 11	pydiflumetofen + azoxystrobin + propiconazole	**Miravis Neo 300 SE**	33391	15	0.5	2 apps	10-14 d, see label	No	
07, 09	fluopyram + pyrimethanil	**Luna Tranquility SC**	30510	1	0.5	2 apps	-	No	
07, 11	boscalid + pyraclostrobin	**Empire WG**	34691	0	0.2-1, see label	2-4 apps, see label	46217	No	
07, 11	boscalid + pyraclostrobin	**Pristine WG**	27985	0	1	4 apps	7-14 d, see label	No	
07, 11	flupyram + trifloxystrobin	**Luna Sensation SC**	32107	0	0.5	1980 mL/ha	7-10 d, see label	No	
07, 11	pyraclostrobin + fluxapyroxad	**Merivon SC**	33951	0	0.5-1, see label	3 apps	7-14 d, see label	No	
07, 12	pydiflumetofen + fludixonil	**Miravis Prime SC**	33207	1	1	2 apps	7-10 d, see label	No	
9	pyrimethanil	**Impala 400 SC**	34661	1	0.5	3 apps	7-10 d, see label	No	
9	pyrimethanil	**Scala 400 SC**	28011	1	0.5	3 apps, 6 L/ha	7-10 d, see label	No	
09, 12	cyprodinil + fluodioxinil	**Button WG**	34439	-	0.5	3 apps	See label	No	
09, 12	cyprodinil + fluodioxinil	**Switch 62.5 WG**	28189	1	0.5	3 apps	7-10 d, see label	No	

Group	Active Ingredient	Pesticide	PCP #	PHI (days)	REI (days)	Product Maximum	Restricted Reapplication (days)	Potentially Organic	Status Update
11	pyraclostrobin	**Cabrio EG 20 WG**	27323	1	0.5	4 apps	10-14 d, see label	No	
17	fenhexamid	**Elevate 50 WDG**	25900	1	0.5	4 apps	7 d	No	
19	polyoxin d zinc salt	**Diplomat 5 SC**	32918	0	-	150 g a.i./ha per season	See label	Yes	
29	fluazinam	**Allegro 500F 40 SC**	27517	30	1	2 apps	7-10 d, see label	No	
29	fluazinam	**Downforce AG 40 SC**	34723	30	1	4 apps	7-10 d, see label	No	
29	fluazinam	**Vantana 500 SU**	35050	30	1	2 apps	7-10 d, see label	No	
BM01	BLAD polypeptide	**ProBlad 20 SC**	31782	0	-	5 apps	7-10 d, see label	Yes	
BM01	tea tree oil	**Timorex Gold 24 E**	30910	2	0.2, when dry	-	7-14 d, see label	Yes	
BM02	Bacillus amyloliquefaciens	**Serifel WP**	30054	0	0.2, when dry	-	7-10 d, see label	Yes	
BM02	QST 713 strain of dried Bacillus subtilis	**Serenade OPTI WP**	31666	0	-	2 apps	-	Yes	
BM02	Bacillus amyloliquefaciens D747	**Double Nickel LC SC**	31887	0		-	3-10, see label	Yes	
M02	copper octanoate	**Cueva 1.8 SN**	31825	1	0.2	15 apps	7-10 d	Yes	
M02,UN	sulphur	**Microthiol Disperss 80 WP**	29487	1	1	8 apps	10	Yes	
M04	captan	**Captan 480 SC**	34551	8	3-6 d, see label	6 apps	7	No	
M04	captan	**Captan L 482 SC**	35343	8	3-6 d, see label	6 apps	7	No	
M04	captan	**Maestro 80 WSP**	33488	8	3-6 d, see label	6 apps	7	No	
M04	captan	**Sharda Captan 48 SC**	32300	8	3-6 d, see label	6 apps	7	No	
M04	captan	**Supra Captan 80 WSP**	33641	8	3-6 d, see label	6 apps	7	No	
M05	chlorothalonil	**Echo 720 SC**	29355	54	0.5	2 apps	42 d	No	
M05	chlorothalonil	**Echo 90 WSP**	33519	54	0.5	2 apps	42 d	No	
P07	mono- and dibasic sodium, potassium, and ammonium phosphites	**Phostrol 53.6 LI**	30449	0	0.5	4 apps	14 d	No	
INSECTICIDE AND MITICIDE									
01A	carbaryl	**Sevin XLR 43 SC**	27876	2	5-9, see label	2 apps	10 d	No	
01B	dimethoate	**Diamante 4 480 EC**	34413	21	0.5	2 apps	10-12 d, see label	No	
01B	dimethoate	**Lagon 480 E**	9382	21	0.5	2 apps, 1000 L/ha	10 d	No	
01B	malathion	**Malathion 85 E**	8372	1	2	3 apps	7 d	No	
01B	phosmet	**Imidan 70 WP**	29064	15	3	1 app	-	No	
3	cypermethrin	**Ripcord 400 EC**	15738	2	0.5	2 apps	7 d	No	
3	cypermethrin	**Up-cyde 2.5 EC**	28795	2	0.5	2 apps	7 d	No	
3	deltamethrin	**Decis 100 EC**	33700	14	0.5	3 apps	5 d	No	
3	deltamethrin	**Poleci 2.5 EC**	32446	14	0.5	3 apps	5 d	No	
3	fenpropathrin	**Danitol 30.9 EC**	33817	3-13, see label	1-17, see label	2 apps	14	No	
3	permethrin	**Ambush 500 EC**	14882	0	0.5	1 app	-	No	
3	permethrin	**Pounce 384 EC**	16688	0	-	1 app, 180 mL/ha	-	No	
4	acetamiprid	**Aceta 70 WP**	33298	7	0.5	4 apps	12 d	No	

All Pesticides in the Wild Blueberry Insect and Disease Guide 2026

Group	Active Ingredient	Pesticide	PCP #	PHI (days)	REI (days)	Product Maximum	Restricted Reapplication (days)	Potentially Organic	Status Update
4	acetamiprid	**Assail 70 WP**	27128	7	0.5	4 apps	12 d	No	
04, 15	acetamiprid and novaluron	**Cormoran EC**	33353	8	0.5	3 apps	10-14 d, see label	No	
04C	sulfoxaflor	**Closer 240 SC**	30826	1	0.5	2 apps, 190 g/ai	7 d	No	
04D	flupyradifurone	**Sivanto Prime 200 SN**	31452	3	0.5	2000 mL/ha	7 d	No	
5	spinetoram	**Delegate 25 WG**	28778	3	0.5	3 apps	-	No	
5	spinosad	**Entrust 240 SC**	30382	3	0.5, when dry	3 apps	7-10 d, see label	Yes	
5	spinosad	**Entrust 80 WG**	27825	3	0.5, when dry	3 apps	7-10, see label	Yes	
5	spinosad	**GF-120 Fruit Fly Bait SN**	28336	0	0.5, when dry	5 apps	7 d	Yes	
5	spinosad	**Success 480 SC**	26835	3	0.5, when dry	3 apps	7-10 d, see label	Yes	
11	bacillus thuringiensis	**Bioprotec PLUS SC**	32425	0	-	4 apps	-	Yes	
18	methoxyfenozide	**Intrepid 240 SC**	27786	7	0.5	2 L/ha	7-14 d	No	
18	tebufenozide	**Confirm 240 F**	24503	14	0.5	4.6 L/ha	-	No	
21, 39	fenazaquin	**Magister 205 SC**	34544	7	0.5-2, see label	1 app, 2.34 L/ha	-	No	
23	spirotetramat	**Movento 240 SC**	28953	7	0.5	1.833 L/ha	7 d	No	
28	chlorantraniliprole	**Altacor 35 WG**	28981	1	0.5	3 apps, 645 g/ha	7 d	No	
28	cyantraniliprole	**Exirel 100 SC**	30895	3	0.5	4 apps, 4.5 L/ha per season	5 d	No	
28	cyclaniliprole	**Harvanta 50 SL**	32889	7	0.5	3 apps, 4.8 L/ha	5 d	No	
29	flonicamid	**Beleaf 50 SG**	29796	0	0.5	3 apps	7 d	No	
NC	mineral oil	**Double Down 99 SN**	33589	0	0.5	8 apps	7-14 d, see label	Yes	
23	spiromesifen	**Oberon 240 F**	28905	3	0.5	3 apps	7	No	
32	GS-omega/kappa-Hxtx-Hv1a	**Spear T 2 SN**	34679	0	0.2	-	-	Yes	
20B	acequinocyl	**Kanemite 15 SC**	28641	1	0.5	2 apps, 4.1 L/ha	21 d	No	
NC	mineral oil	**Purespray Green 13 E**	27666	0	-	8 apps	7-14 d, see label	Yes	
NEMATICIDE									
7	fluopyram	**Velum Prime 500 SC**	32108	0	0.5	500 g/ha	5-7, see label	No	
-	fluazaindolizine	**Salibro 500 SC**	34182	1	0.5	3 apps	14	No	

Pest	Group	Active Ingredient	Pesticide	Rate	Water Volume	PHI (days)	REI (days)	Product Maximum	Restricted Reapplication (days)	Notes / Restrictions / Warnings
A: Sprout year (Establishment)										
01: PRE-LEAF EMERGENCE										
Blueberry leaftier	3	deltamethrin	**Decis 100 EC**	62.5-75 mL/ha, see label	100-200 L/ha	14	0.5	3 apps	5 d	**Pollinators/Beneficials:** Toxic to bees and certain beneficial arthropods.
	3	deltamethrin	**Poleci 2.5 EC**	250-300 mL/ha, see label	100-200 L/ha	14	0.5	3 apps	5 d	**Pollinators/Beneficials:** Toxic to bees and certain beneficial insects.
Bruce spanworm	3	deltamethrin	**Decis 100 EC**	62.5-75 mL/ha, see label	100-200 L/ha	14	0.5	3 apps	5 d	**Pollinators/Beneficials:** Toxic to bees and certain beneficial arthropods.
	3	deltamethrin	**Poleci 2.5 EC**	250-300 mL/ha, see label	100-200 L/ha	14	0.5	3 apps	5 d	**Pollinators/Beneficials:** Toxic to bees and certain beneficial insects.
Root-knot nematode	-	fluazaindolizine	**Salibro 500 SC**	1.12-2.24 L/ha, see label	140 L/ha (min)	1	0.5	3 apps	14	
02: AFTER LEAF EMERGENCE										
Blueberry bud mite	21, 39	fenazaquin	**Magister 205 SC**	1.74-2.34 L/ha, see label	500 L/ha (min)	7	0.5-2, see label	1 app, 2.34 L/ha	-	**Pollinators/Beneficials:** Toxic to bees and certain beneficial arthropods.
Blueberry flea beetle	4	acetamiprid	**Aceta 70 WP**	160 g/ha	-	7	0.5	4 apps	12 d	**Crop Stage:** Do not apply during bloom. **Pest Stage:** Begin monitoring field in early July, apply within 7 days of first fruit fly capture. **Pollinators:** Toxic to bees
	4	acetamiprid	**Assail 70 WP**	160 g/ha	-	7	0.5	4 apps	12 d	**Crop Stage:** Do not apply during bloom. **Pest Stage:** Begin monitoring in early July. Apply within 7 days of first fruit fly capture. **Pollinators:** Toxic to bees.
	04, 15	acetamiprid and novaluron	**Cormoran EC**	750-1400 mL/ha, see label	200 L/ha (min)	8	0.5	3 apps	10-14 d, see label	**Crop safety:** Do not apply when temperatures are high or phytotoxic effect may occur. **Pollinators/Beneficials:** Toxic to certain beneficial insects
	5	spinetoram	**Delegate 25 WG**	100-420 g/ha, see label	-	3	0.5	3 apps	-	**Pollinators/Beneficials:** Toxic to bees and certain beneficial arthropods.
	5	spinosad	**Entrust 240 SC**	267-440 mL/ha, see label	300-500 L/ha	3	0.5, when dry	3 apps	7-10 d, see label	**Pollinators/Beneficials:** Toxic to bees.
	5	spinosad	**Entrust 80 WG**	80-132 g/ha, see label	-	3	0.5, when dry	3 apps	7-10, see label	**Pollinators/Beneficials:** Toxic to bees.
	28	cyantraniliprole	**Exirel 100 SC**	500-1500 mL/ha, see label	-	3	0.5	4 apps, 4.5 L/ha per season	5 d	**Pest stage:** At threshold. **Pollinators/Beneficials:** Toxic to bees and certain beneficial arthropods.
Blueberry gall midge	04, 15	acetamiprid and novaluron	**Cormoran EC**	750-1400 mL/ha, see label	200 L/ha (min)	8	0.5	3 apps	10-14 d, see label	**Crop safety:** Do not apply when temperatures are high or phytotoxic effect may occur. **Pollinators/Beneficials:** Toxic to certain beneficial insects

Pest	Group	Active Ingredient	Pesticide	Rate	Water Volume	PHI (days)	REI (days)	Product Maximum	Restricted Reapplication (days)	Notes / Restrictions / Warnings
	23	spirotetramat	**Movento 240 SC**	365-435 mL/ha, see label	200-3000 L/ha, see label	7	0.5	1.833 L/ha	7 d	**Crop stage:** Apply post-bloom. **Pest stage:** Apply at either egg hatch or when insects are present depending on target pest, see label. **Pollinators/Beneficials:** Toxic to bee brood and certain beneficial insects.
	28	cyantraniliprole	**Exirel 100 SC**	500-1500 mL/ha, see label	-	3	0.5	4 apps, 4.5 L/ha per season	5 d	**Pest stage:** At threshold. **Pollinators/Beneficials:** Toxic to bees and certain beneficial arthropods.
Blueberry spanworm	01B	phosmet	**Imidan 70 WP**	1.6 kg/ha	1000 L/ha	15	3	1 app	-	**Pollinators/Beneficials:** Toxic to bees and certain beneficial arthropods.
	4	acetamiprid	**Aceta 70 WP**	160 g/ha	-	7	0.5	4 apps	12 d	**Crop Stage:** Do not apply during bloom. **Pest Stage:** Begin monitoring field in early July, apply within 7 days of first fruit fly capture. **Pollinators:** Toxic to bees
	4	acetamiprid	**Assail 70 WP**	160 g/ha	-	7	0.5	4 apps	12 d	**Crop Stage:** Do not apply during bloom. **Pest Stage:** Begin monitoring in early July. Apply within 7 days of first fruit fly capture. **Pollinators:** Toxic to bees.
	04, 15	acetamiprid and novaluron	**Cormoran EC**	750-1400 mL/ha, see label	200 L/ha (min)	8	0.5	3 apps	10-14 d, see label	**Crop safety:** Do not apply when temperatures are high or phytotoxic effect may occur. **Pollinators/Beneficials:** Toxic to certain beneficial insects
	5	spinetoram	**Delegate 25 WG**	100-420 g/ha, see label	-	3	0.5	3 apps	-	**Pollinators/Beneficials:** Toxic to bees and certain beneficial arthropods.
	5	spinosad	**Entrust 240 SC**	267-440 mL/ha, see label	300-500 L/ha	3	0.5, when dry	3 apps	7-10 d, see label	**Pollinators/Beneficials:** Toxic to bees.
	5	spinosad	**Entrust 80 WG**	80-132 g/ha, see label	-	3	0.5, when dry	3 apps	7-10, see label	**Pollinators/Beneficials:** Toxic to bees.
	11	bacillus thuringiensis	**Bioprotec PLUS SC**	0.44-0.9 L/ha, see label	300 L/ha	0	-	4 apps	-	**Pest Stage:** Apply to larvae at 1st or second instar.
	18	methoxyfenozide	**Intrepid 240 SC**	0.5 L/ha	-	7	0.5	2 L/ha	7-14 d	**Pest stage:** At threshold or when feeding damage is detected.
	18	tebufenozide	**Confirm 240 F**	1.0 L/ha	300 L/ha (min)	14	0.5	4.6 L/ha	-	
	28	chlorantraniliprole	**Altacor 35 WG**	215-285 g/ha, see label	-	1	0.5	3 apps, 645 g/ha	7 d	**Pest stage:** At threshold **Pollinators/Beneficials:** Toxic to certain beneficial insects
Blueberry thrips	01B	malathion	**Malathion 85 E**	550-2500 L/ha, see label	1000 L/ha	1	2	3 apps	7 d	**Crop stage:** Apply early to late July. **Pollinators/Beneficials:** Toxic to bees.
	3	permethrin	**Ambush 500 EC**	140 mL/ha	-	0	0.5	1 app	-	**Crop Stage:** Vegetative year only, when plants are 1 - 2 cm (mid-May to early June) **Pollinators/Beneficials:** Toxic to bees and certain beneficials

Pest	Group	Active Ingredient	Pesticide	Rate	Water Volume	PHI (days)	REI (days)	Product Maximum	Restricted Reapplication (days)	Notes / Restrictions / Warnings
	3	permethrin	**Pounce 384 EC**	180 mL/ha	-	0	-	1 app, 180 mL/ha	-	**Crop stage:** Vegetative year only. Make one application between mid-May and early June when plants are 1-2 cm. **Pollinators/Beneficials:** Toxic to bees and certain beneficial insects.
	4	acetamiprid	**Aceta 70 WP**	160 g/ha	-	7	0.5	4 apps	12 d	**Crop Stage:** Do not apply during bloom. **Pest Stage:** Begin monitoring field in early July, apply within 7 days of first fruit fly capture. **Pollinators:** Toxic to bees
	4	acetamiprid	**Assail 70 WP**	160 g/ha	-	7	0.5	4 apps	12 d	**Crop Stage:** Do not apply during bloom. **Pest Stage:** Begin monitoring in early July. Apply within 7 days of first fruit fly capture. **Pollinators:** Toxic to bees.
	04, 15	acetamiprid and novaluron	**Cormoran EC**	750-1400 mL/ha, see label	200 L/ha (min)	8	0.5	3 apps	10-14 d, see label	**Crop safety:** Do not apply when temperatures are high or phytotoxic effect may occur. **Pollinators/Beneficials:** Toxic to certain beneficial insects
	29	flonicamid	**Beleaf 50 SG**	200 g/ha	94 L/ha (min)	0	0.5	3 apps	7 d	**Pest Stage:** Before threshold. **Pollinators/Beneficials:** Toxic to certain beneficial arthropods
Bruce spanworm	01A	carbaryl	**Sevin XLR 43 SC**	4.0 L/ha	1200-1500 L/ha	2	5-9, see label	2 apps	10 d	**Crop stage:** Apply early to late July. **Pest stage:** When insects/damage first appear. **Pollinators/Beneficials:** Toxic to bees.
European red mite	21, 39	fenazaquin	**Magister 205 SC**	1.74-2.34 L/ha, see label	500 L/ha (min)	7	0.5-2, see label	1 app, 2.34 L/ha	-	**Pollinators/Beneficials:** Toxic to bees and certain beneficial arthropods.
Leaf rust	M05	chlorothalonil	**Echo 720 SC**	5.0 L/ha	200-960 L/ha	54	0.5	2 apps	42 d	**Crop stage:** Make first application in early to mid-June of sprout year, with a second application in early August. **Crop safety:** Read product label liability statement.
	M05	chlorothalonil	**Echo 90 WSP**	2.8 kg/ha	200-960 L/ha	54	0.5	2 apps	42 d	**Crop stage:** Make first application in early to mid-June of sprout year, with a second application in early August.
Lygus bugs	04C	sulfoxaflor	**Closer 240 SC**	300 mL/ha	200-1000 L/ha	1	0.5	2 apps, 190 g/ai	7 d	**Pest stage:** Prevention **Pollinators/Beneficials:** Toxic to certain beneficial insects.
	29	flonicamid	**Beleaf 50 SG**	200 g/ha	94 L/ha (min)	0	0.5	3 apps	7 d	**Pest Stage:** Before threshold. **Pollinators/Beneficials:** Toxic to certain beneficial arthropods
McDaniel mite	21, 39	fenazaquin	**Magister 205 SC**	1.74-2.34 L/ha, see label	500 L/ha (min)	7	0.5-2, see label	1 app, 2.34 L/ha	-	**Pollinators/Beneficials:** Toxic to bees and certain beneficial arthropods.
Pacific spider mite	21, 39	fenazaquin	**Magister 205 SC**	1.74-2.34 L/ha, see label	500 L/ha (min)	7	0.5-2, see label	1 app, 2.34 L/ha	-	**Pollinators/Beneficials:** Toxic to bees and certain beneficial arthropods.
Redstripped fireworm	28	chlorantraniliprole	**Altacor 35 WG**	215-285 g/ha, see label	-	1	0.5	3 apps, 645 g/ha	7 d	**Pest stage:** At threshold **Pollinators/Beneficials:** Toxic to certain beneficial insects
Septoria leaf spot	3	mefentrifluconazole	**Cevya 400 SC**	0.25 L/ha	-	0	0.5	1.125 L/ha	7-14 d, see label	**Pest stage:** Prevention.
	M05	chlorothalonil	**Echo 720 SC**	5.0 L/ha	200-960 L/ha	54	0.5	2 apps	42 d	**Crop stage:** Make first application in early to mid-June of sprout year, with a second application in early August. **Crop safety:** Read product label liability statement.

Pest	Group	Active Ingredient	Pesticide	Rate	Water Volume	PHI (days)	REI (days)	Product Maximum	Restricted Reapplication (days)	Notes / Restrictions / Warnings
	M05	chlorothalonil	**Echo 90 WSP**	2.8 kg/ha	200-960 L/ha	54	0.5	2 apps	42 d	**Crop stage:** Make first application in early to mid-June of sprout year, with a second application in early August.
	P07	mono- and dibasic sodium, potassium, and ammonium phosphites	**Phostrol 53.6 LI**	2.9-5.8 L/ha, see label	-	0	0.5	4 apps	14 d	**Crop stage:** Begin foliar sprays in the spring at approximately the pink bud stage.
Two-spotted spider mite	20B	acequinocyl	**Kanemite 15 SC**	2.07 L/ha	-	1	0.5	2 apps, 4.1 L/ha	21 d	**Pest stage:** At threshold
	NC	mineral oil	**Double Down 99 SN**	10 L	1000 L	0	0.5	8 apps	7-14 d, see label	**Pest stage:** Begin when pest appears.
Valdensinia leaf spot	M05	chlorothalonil	**Echo 720 SC**	5.0 L/ha	200-960 L/ha	54	0.5	2 apps	42 d	**Crop stage:** Make first application in early to mid-June of sprout year, with a second application in early August. **Crop safety:** Read product label liability statement.
	M05	chlorothalonil	**Echo 90 WSP**	2.8 kg/ha	200-960 L/ha	54	0.5	2 apps	42 d	**Crop stage:** Make first application in early to mid-June of sprout year, with a second application in early August.
Weevils	3	fenpropathrin	**Danitol 30.9 EC**	779-1169 mL/ha, see label	200 L/ha (min)	3-13, see label	1-17, see label	2 apps	14	**Pollinators:** Toxic to bees and certain beneficial arthropods.
	28	cyantraniliprole	**Exirel 100 SC**	500-1500 mL/ha, see label	-	3	0.5	4 apps, 4.5 L/ha per season	5 d	**Pest stage:** At threshold. **Pollinators/Beneficials:** Toxic to bees and certain beneficial arthropods.
White-marked tussock moth	11	bacillus thuringiensis	**Bioprotec PLUS SC**	0.44-0.9 L/ha, see label	300 L/ha	0	-	4 apps	-	**Pest Stage:** Apply to larvae at 1st or second instar.
03: AFTER STEMS REACH MATURITY										
Anthracnose	3	metconazole	**Quash 50 WG**	180 g/ha	-	7	0.5	2 apps, 540 g/ha	7 d	**Crop safety:** Do not make more than 2 sequential applications.
	03, 09	difenoconazole + cyprodinil	**Inspire Super EC**	558-1475 mL/ha, see label	-	1	0.5	2-4 apps, see label	-	**Pollinators/Beneficials:** Toxic to certain beneficial arthropods.
	03, 11	azoxystrobin + propiconazole	**Fungtion SC**	1 L/ha	200 L/ha	30	0.5	2 apps	-	**Pest stage:** Apply at the first sign of disease in the spout year. **Pollinators/Beneficials:** Toxic to certain beneficial insects.
	03, 11	azoxystrobin + propiconazole	**Quilt SC**	1 L/ha	200 L/ha (min)	30	0.5	2 apps	-	**Pollinators/Beneficials:** Toxic to certain beneficial arthropods. **Crop stage:** Early bloom.
	07, 11	boscalid + pyraclostrobin	**Pristine WG**	1.6-1.6 kg/ha, see label	-	0	1	4 apps	7-14 d, see label	**Pest stage:** Prevention
	07, 11	pyraclostrobin + fluxapyroxad	**Merivon SC**	0.4-0.8 mL/ha, see label	100 L/ha	0	0.5-1, see label	3 apps	7-14 d, see label	**Pest stage:** Prevention

Pest	Group	Active Ingredient	Pesticide	Rate	Water Volume	PHI (days)	REI (days)	Product Maximum	Restricted Reapplication (days)	Notes / Restrictions / Warnings
	09, 12	cyprodinil + fluodioxinil	**Button WG**	775-975 mL/ha, see label	200 L/ha (min.)	-	0.5	3 apps	See label	**Crop stage:** At or before bloom
	09, 12	cyprodinil + fluodioxinil	**Switch 62.5 WG**	775-975 mL/ha, see label	200 L/ha (min)	1	0.5	3 apps	7-10 d, see label	**Crop safety:** In the absence of a viable registered fungicide alternative for the specific crop to be treated, the maximum number of applications is limited to 2 per year.
	11	pyraclostrobin	**Cabrio EG 20 WG**	1.0 kg/ha	225 L/ha	1	0.5	4 apps	10-14 d, see label	**Pest stage:** Prevention.
	29	fluazinam	**Allegro 500F 40 SC**	1.46-2.4 L/ha, see label	300-1000 L/ha	30	1	2 apps	7-10 d, see label	**Crop stage:** Varies based on pest. See label.
	29	fluazinam	**Downforce AG 40 SC**	1.46 L/ha	300-1000 L/ha	30	1	4 apps	7-10 d, see label	**Crop stage:** Bud break.
Leaf rust	3	prothioconazole	**Proline 480 SC**	315-420 mL/ha, see label	-	7	1	2 apps, 480 mL/ha	-	**Recommendation:** Apply with a non-surfactant, such as Agral 90 at 0.125% v/v. **Pest stage:** First sign of disease.
	3	prothioconazole	**Prothioconazole 480 SC**	315-420 mL/ha, see label	-	7	1-3, see label	2 apps, 840 mL/ha	5-14, see label	**Coverage:** Apply with a non-ionic surfactant, AgSurf or Agral 90 at 0.125% v/v.
	03, 09	difenoconazole + cyprodinil	**Inspire Super EC**	558-1475 mL/ha, see label	-	1	0.5	2-4 apps, see label	-	**Pollinators/Beneficials:** Toxic to certain beneficial arthropods.
	03, 11	azoxystrobin + propiconazole	**Fungtion SC**	1 L/ha	200 L/ha	30	0.5	2 apps	-	**Pest stage:** Apply at the first sign of disease in the spout year. **Pollinators/Beneficials:** Toxic to certain beneficial insects.
	03, 11	azoxystrobin + propiconazole	**Quilt SC**	1 L/ha	200 L/ha (min)	30	0.5	2 apps	-	**Pollinators/Beneficials:** Toxic to certain beneficial arthropods. **Crop stage:** Early bloom.
	7	benzovindiflupyr	**Aprovia 100 EC**	500-750 mL/ha, see label	200 L/ha (min)	365	0.5	2 apps	10-14 d, see label	**Pest Stage:** Apply at first sign of disease. **Coverage:** Apply with the addition of a non-ionic surfacant.
	07, 03	fluopyram + prothioconazole	**Propulse SC**	750-1000 mL/ha, see label	100 L/ha (min)	7	1	2 apps	-	
	07, 03, 11	pydiflumetofen + azoxystrobin + propiconazole	**Miravis Neo 300 SE**	0.75 L/ha	200 L/ha	15	0.5	2 apps	10-14 d, see label	**Pest stage:** First sign of disease. **Pollinators/Beneficials:** Toxic to certain beneficial insects.
Monilinia blight	3	prothioconazole	**Prothioconazole 480 SC**	315-420 mL/ha, see label	-	7	1-3, see label	2 apps, 840 mL/ha	5-14, see label	**Coverage:** Apply with a non-ionic surfactant, AgSurf or Agral 90 at 0.125% v/v.
Nematode	7	fluopyram	**Velum Prime 500 SC**	500 mL/ha	-	0	0.5	500 g/ha	5-7, see label	
Phomopsis canker	1	thiophanate-methyl	**Senator 50 SC**	1.54 L/ha	1000 L/ha	60	-	2 apps, 3.08 L/ha	10-14 d, see label	**Crop stage:** Start applications at bud break. **Pollinators/Beneficials:** Toxic to bees.
	1	thiophanate-methyl	**Thief 50 SC**	1.54 L/ha	1000 L/ha	60	-	2 apps, 3.08 L/ha	10-14 d, see label	**Crop Stage:** Start applications at bud break. **Pollinators/Beneficials:** Toxic to bees and earthworms.

Pest	Group	Active Ingredient	Pesticide	Rate	Water Volume	PHI (days)	REI (days)	Product Maximum	Restricted Reapplication (days)	Notes / Restrictions / Warnings
	3	metconazole	**Quash 50 WG**	180 g/ha	-	7	0.5	2 apps, 540 g/ha	7 d	**Crop safety:** Do not make more than 2 sequential applications.
	07, 11	pyraclostrobin + fluxapyroxad	**Merivon SC**	0.4-0.8 mL/ha, see label	100 L/ha	0	0.5-1, see label	3 apps	7-14 d, see label	**Pest stage:** Prevention
	11	pyraclostrobin	**Cabrio EG 20 WG**	1.0 kg/ha	225 L/ha	1	0.5	4 apps	10-14 d, see label	**Pest stage:** Prevention.
	29	fluazinam	**Allegro 500F 40 SC**	1.46-2.4 L/ha, see label	300-1000 L/ha	30	1	2 apps	7-10 d, see label	**Crop stage:** Varies based on pest. See label.
	29	fluazinam	**Downforce AG 40 SC**	1.46 L/ha	300-1000 L/ha	30	1	4 apps	7-10 d, see label	**Crop stage:** Bud break.
	M05	chlorothalonil	**Echo 720 SC**	5.0 L/ha	200-960 L/ha	54	0.5	2 apps	42 d	**Crop stage:** Make first application in early to mid-June of sprout year, with a second application in early August. **Crop safety:** Read product label liability statement.
	M05	chlorothalonil	**Echo 90 WSP**	2.8 kg/ha	200-960 L/ha	54	0.5	2 apps	42 d	**Crop stage:** Make first application in early to mid-June of sprout year, with a second application in early August.
Powdery mildew	7	fluopyram	**Velum Prime 500 SC**	500 mL/ha	-	0	0.5	500 g/ha	5-7, see label	
	07, 09	fluopyram + pyrimethanil	**Luna Tranquility SC**	1200 mL/ha	-	1	0.5	2 apps	-	**Pest stage:** Only use this product for powdery mildew when it coincides with the timing on botrytis.
	M02,UN	sulphur	**Microthiol Disperss 80 WP**	6.72-16.8 kg/ha, see label	187-561 L/ha	1	1	8 apps	10	**Crop stage:** Apply before first blossoms open
Septoria leaf spot	3	prothioconazole	**Proline 480 SC**	315-420 mL/ha, see label	-	7	1	2 apps, 480 mL/ha	-	**Recommendation:** Apply with a non-surfactant, such as Agral 90 at 0.125% v/v. **Pest stage:** First sign of disease.
	3	prothioconazole	**Prothioconazole 480 SC**	315-420 mL/ha, see label	-	7	1-3, see label	2 apps, 840 mL/ha	5-14, see label	**Coverage:** Apply with a non-ionic surfactant, AgSurf or Agral 90 at 0.125% v/v.
	03, 11	azoxystrobin + propiconazole	**Fungtion SC**	1 L/ha	200 L/ha	30	0.5	2 apps	-	**Pest stage:** Apply at the first sign of disease in the spout year. **Pollinators/Beneficials:** Toxic to certain beneficial insects.
	03, 11	azoxystrobin + propiconazole	**Quilt SC**	1 L/ha	200 L/ha (min)	30	0.5	2 apps	-	**Pollinators/Beneficials:** Toxic to certain beneficial arthropods. **Crop stage:** Early bloom.
	7	fluxapyroxad	**Sercadis 300 SC**	0.250-0.666 L/ha, see label	-	0	0.5	3 apps, 2 L/ha	7-14 d, see label	**Pest stage:** Prevention.
	07, 03	fluopyram + prothioconazole	**Propulse SC**	750-1000 mL/ha, see label	100 L/ha (min)	7	1	2 apps	-	
	07, 03, 11	pydiflumetofen + azoxystrobin + propiconazole	**Miravis Neo 300 SE**	0.75 L/ha	200 L/ha	15	0.5	2 apps	10-14 d, see label	**Pest stage:** First sign of disease. **Pollinators/Beneficials:** Toxic to certain beneficial insects.

Pest	Group	Active Ingredient	Pesticide	Rate	Water Volume	PHI (days)	REI (days)	Product Maximum	Restricted Reapplication (days)	Notes / Restrictions / Warnings
	07, 11	boscalid + pyraclostrobin	**Pristine WG**	1.6-1.6 kg/ha, see label	-	0	1	4 apps	7-14 d, see label	**Pest stage:** Prevention
	07, 11	pyraclostrobin + fluxapyroxad	**Merivon SC**	0.4-0.8 mL/ha, see label	100 L/ha	0	0.5-1, see label	3 apps	7-14 d, see label	**Pest stage:** Prevention
Two-spotted spider mite	23	spiromesifen	**Oberon 240 F**	880-1160 mL/ha, see label	100 L/ha (min)	3	0.5	3 apps	7	**Pollinators:** Toxic to certain beneficial arthropods. May be toxic to bee brood.
Valdensinia leaf spot	3	prothioconazole	**Proline 480 SC**	315-420 mL/ha, see label	-	7	1	2 apps, 480 mL/ha	-	**Recommendation:** Apply with a non-surfactant, such as Agral 90 at 0.125% v/v. **Pest stage:** First sign of disease.
	03, 11	azoxystrobin + propiconazole	**Fungtion SC**	1 L/ha	200 L/ha	30	0.5	2 apps	-	**Pest stage:** Apply at the first sign of disease in the spout year. **Pollinators/Beneficials:** Toxic to certain beneficial insects.
	03, 11	azoxystrobin + propiconazole	**Quilt SC**	1 L/ha	200 L/ha (min)	30	0.5	2 apps	-	**Pollinators/Beneficials:** Toxic to certain beneficial arthropods. **Crop stage:** Early bloom.
	7	benzovindiflupyr	**Aprovia 100 EC**	500-750 mL/ha, see label	200 L/ha (min)	365	0.5	2 apps	10-14 d, see label	**Pest Stage:** Apply at first sign of disease. **Coverage:** Apply with the addition of a non-ionic surfacant.
	07, 03	fluopyram + prothioconazole	**Propulse SC**	750-1000 mL/ha, see label	100 L/ha (min)	7	1	2 apps	-	
	07, 03, 11	pydiflumetofen + azoxystrobin + propiconazole	**Miravis Neo 300 SE**	0.75 L/ha	200 L/ha	15	0.5	2 apps	10-14 d, see label	**Pest stage:** First sign of disease. **Pollinators/Beneficials:** Toxic to certain beneficial insects.
	07, 11	boscalid + pyraclostrobin	**Pristine WG**	1.6-1.6 kg/ha, see label	-	0	1	4 apps	7-14 d, see label	**Pest stage:** Prevention
Whitefly	23	spiromesifen	**Oberon 240 F**	880-1160 mL/ha, see label	100 L/ha (min)	3	0.5	3 apps	7	**Pollinators:** Toxic to certain beneficial arthropods. May be toxic to bee brood.
Leaf rust	3	prothioconazole	**Soratel 250 EC**	0.6-0.8 L/ha, see label	-	7 d	1-7 d, see label	2 apps	5-14 d, see label	**Pest stage:** Apply preventatively for monilinia. Apply at first sign of other diseases on the label
Septoria leaf spot	3	prothioconazole	**Soratel 250 EC**	0.6-0.8 L/ha, see label	-	7 d	1-7 d, see label	2 apps	5-14 d, see label	**Pest stage:** Apply preventatively for monilinia. Apply at first sign of other diseases on the label
	07, 11	boscalid + pyraclostrobin	**Empire WG**	1.3-1.6 kg/ha, see label	-	0	0.2-1, see label	2-4 apps, see label	46217	**Pest stage:** Prevention
Valdensinia leaf spot	07, 11	boscalid + pyraclostrobin	**Empire WG**	1.3-1.6 kg/ha, see label	-	0	0.2-1, see label	2-4 apps, see label	46217	**Pest stage:** Prevention
B: Crop year (Bearing)										
03: AFTER STEMS REACH MATURITY										
Grasshopper	01B	malathion	**Malathion 85 E**	550-2500 L/ha, see label	1000 L/ha	1	2	3 apps	7 d	**Crop stage:** Apply early to late July. **Pollinators/Beneficials:** Toxic to bees.
Lygus bugs	01B	malathion	**Malathion 85 E**	550-2500 L/ha, see label	1000 L/ha	1	2	3 apps	7 d	**Crop stage:** Apply early to late July. **Pollinators/Beneficials:** Toxic to bees.

Pest	Group	Active Ingredient	Pesticide	Rate	Water Volume	PHI (days)	REI (days)	Product Maximum	Restricted Reapplication (days)	Notes / Restrictions / Warnings
Mealy bug	01B	malathion	**Malathion 85 E**	550-2500 L/ha, see label	1000 L/ha	1	2	3 apps	7 d	**Crop stage:** Apply early to late July. **Pollinators/Beneficials:** Toxic to bees.
Rose chafer	01B	malathion	**Malathion 85 E**	550-2500 L/ha, see label	1000 L/ha	1	2	3 apps	7 d	**Crop stage:** Apply early to late July. **Pollinators/Beneficials:** Toxic to bees.
Tarnished plant bug	01B	malathion	**Malathion 85 E**	550-2500 L/ha, see label	1000 L/ha	1	2	3 apps	7 d	**Crop stage:** Apply early to late July. **Pollinators/Beneficials:** Toxic to bees.
04: 40-50% F2										
Blueberry flea beetle	4	acetamiprid	**Aceta 70 WP**	160 g/ha	-	7	0.5	4 apps	12 d	**Crop Stage:** Do not apply during bloom. **Pest Stage:** Begin monitoring field in early July, apply within 7 days of first fruit fly capture. **Pollinators:** Toxic to bees
	4	acetamiprid	**Assail 70 WP**	160 g/ha	-	7	0.5	4 apps	12 d	**Crop Stage:** Do not apply during bloom. **Pest Stage:** Begin monitoring in early July. Apply within 7 days of first fruit fly capture. **Pollinators:** Toxic to bees.
Blueberry spanworm	01B	phosmet	**Imidan 70 WP**	1.6 kg/ha	1000 L/ha	15	3	1 app	-	**Pollinators/Beneficials:** Toxic to bees and certain beneficial arthropods.
	4	acetamiprid	**Aceta 70 WP**	160 g/ha	-	7	0.5	4 apps	12 d	**Crop Stage:** Do not apply during bloom. **Pest Stage:** Begin monitoring field in early July, apply within 7 days of first fruit fly capture. **Pollinators:** Toxic to bees
	4	acetamiprid	**Assail 70 WP**	160 g/ha	-	7	0.5	4 apps	12 d	**Crop Stage:** Do not apply during bloom. **Pest Stage:** Begin monitoring in early July. Apply within 7 days of first fruit fly capture. **Pollinators:** Toxic to bees.
Blueberry thrips	4	acetamiprid	**Aceta 70 WP**	160 g/ha	-	7	0.5	4 apps	12 d	**Crop Stage:** Do not apply during bloom. **Pest Stage:** Begin monitoring field in early July, apply within 7 days of first fruit fly capture. **Pollinators:** Toxic to bees
	4	acetamiprid	**Assail 70 WP**	160 g/ha	-	7	0.5	4 apps	12 d	**Crop Stage:** Do not apply during bloom. **Pest Stage:** Begin monitoring in early July. Apply within 7 days of first fruit fly capture. **Pollinators:** Toxic to bees.
Leaf rust	3	prothioconazole	**Prothioconazole 480 SC**	315-420 mL/ha, see label	-	7	1-3, see label	2 apps, 840 mL/ha	5-14, see label	**Coverage:** Apply with a non-ionic surfactant, AgSurf or Agral 90 at 0.125% v/v.
Monilinia blight	3	mefentrifluconazole	**Cevya 400 SC**	0.25 L/ha	-	0	0.5	1.125 L/ha	7-14 d, see label	**Pest stage:** Prevention.
	3	metconazole	**Quash 50 WG**	180 g/ha	-	7	0.5	2 apps, 540 g/ha	7 d	**Crop safety:** Do not make more than 2 sequential applications.
	3	propiconazole	**Bumper 432 EC**	300 mL/ha	200 L/ha (min)	60	0.5	2 apps	10 d	**Crop Stage:** Apply late April to to mid to late May, 40-50% F2 stage. **Pollinators/Beneficials:** Toxic to certain beneficial arthropods
	3	propiconazole	**Mission 418 EC**	300 mL/ha	200 L/ha (min)	60	0.5	2 apps	10 d	**Crop stage:** Apply late April to to mid to late May, 40-50% F2 stage. **Pollinators/Beneficials:** Toxic to certain beneficial insects.

Pest	Group	Active Ingredient	Pesticide	Rate	Water Volume	PHI (days)	REI (days)	Product Maximum	Restricted Reapplication (days)	Notes / Restrictions / Warnings
	3	propiconazole	**Pivot 418 EC**	300 mL/ha	200 L/ha (min)	60	0.5	2 apps	10 d	**Crop stage:** Apply late April to to mid to late May, 40-50% F2 stage. **Pollinators/Beneficials:** Toxic to certain beneficial insects.
	3	propiconazole	**Propi Super 25 EC**	500 mL/ha	200 L/ha (min)	60	0.5	2 apps	10 d	**Crop stage:** Apply first application when flower bud scales first appear. **Pollinators/Beneficials:** Toxic to certain beneficial insects.
	3	propiconazole	**Tilt 250 E**	500 mL/ha	200 L/ha (min)	60	0.5	2 apps	10 d	**Crop stage:** Apply late April to to mid to late May, 40-50% F2 stage. **Pollinators/Beneficials:** Toxic to certain beneficial insects.
	3	prothioconazole	**Proline 480 SC**	315-420 mL/ha, see label	-	7	1	2 apps, 480 mL/ha	-	**Recommendation:** Apply with a non-surfactant, such as Agral 90 at 0.125% v/v. **Pest stage:** First sign of disease.
	3	prothioconazole	**Prothioconazole 480 SC**	315-420 mL/ha, see label	-	7	1-3, see label	2 apps, 840 mL/ha	5-14, see label	**Coverage:** Apply with a non-ionic surfactant, AgSurf or Agral 90 at 0.125% v/v.
	3	prothioconazole	**Soratel 250 EC**	0.6-0.8 L/ha, see label	-	7 d	1-7 d, see label	2 apps	5-14 d, see label	**Pest stage:** Apply preventatively for monilinia. Apply at first sign of other diseases on the label
	3	triforine	**Funginex DC 190 EC**	1.7-3 L/ha, see label	-	60	0.5	3 apps	10-14 d, see label	**Crop stage:** Apply in the spring at budbreak and another application 10-14 days later. Apply third application at early bloom.
	03, 09	difenoconazole + cyprodinil	**Inspire Super EC**	558-1475 mL/ha, see label	-	1	0.5	2-4 apps, see label	-	**Pollinators/Beneficials:** Toxic to certain beneficial arthropods.
	03, 11	azoxystrobin + propiconazole	**Fungtion SC**	1 L/ha	200 L/ha	30	0.5	2 apps	-	**Pest stage:** Apply at the first sign of disease in the spout year. **Pollinators/Beneficials:** Toxic to certain beneficial insects.
	03, 11	azoxystrobin + propiconazole	**Quilt SC**	1 L/ha	200 L/ha (min)	30	0.5	2 apps	-	**Pollinators/Beneficials:** Toxic to certain beneficial arthropods. **Crop stage:** Early bloom.
	7	penthiopyrad	**Fontelis 200 SC**	1.75 L/ha	-	0	0.5	5.25 L/ha	7-10 d, see label	**Pest stage:** Prevention.
	07, 03	fluopyram + prothioconazole	**Propulse SC**	750-1000 mL/ha, see label	100 L/ha (min)	7	1	2 apps	-	
	09, 12	cyprodinil + fluodioxinil	**Button WG**	775-975 mL/ha, see label	200 L/ha (min.)	-	0.5	3 apps	See label	**Crop stage:** At or before bloom
	09, 12	cyprodinil + fluodioxinil	**Switch 62.5 WG**	775-975 mL/ha, see label	200 L/ha (min)	1	0.5	3 apps	7-10 d, see label	**Crop safety:** In the absence of a viable registered fungicide alternative for the specific crop to be treated, the maximum number of applications is limited to 2 per year.
	19	polyoxin d zinc salt	**Diplomat 5 SC**	463-926 mL/ha, see label	-	0	-	150 g a.i./ha per season	See label	**Pest stage:** Prevention

Pest	Group	Active Ingredient	Pesticide	Rate	Water Volume	PHI (days)	REI (days)	Product Maximum	Restricted Reapplication (days)	Notes / Restrictions / Warnings
	29	fluazinam	**Allegro 500F 40 SC**	1.46-2.4 L/ha, see label	300-1000 L/ha	30	1	2 apps	7-10 d, see label	**Crop stage:** Varies based on pest. See label.
	29	fluazinam	**Downforce AG 40 SC**	1.46 L/ha	300-1000 L/ha	30	1	4 apps	7-10 d, see label	**Crop stage:** Bud break.
	BM02	QST 713 strain of dried Bacillus subtilis	**Serenade OPTI WP**	1.7-3.3 kg/ha	-	0	-	2 apps	-	
	M04	captan	**Captan 480 SC**	3.73 L/ha	1000 L/ha	8	3-6 d, see label	6 apps	7	**Pest stage:** Prevention
	M04	captan	**Captan L 482 SC**	3.73 L/ha	1000 L/ha	8	3-6 d, see label	6 apps	7	**Pest stage:** Prevention.
	M04	captan	**Maestro 80 WSP**	2.25 kg/ha	1000 L/ha	8	3-6 d, see label	6 apps	7	**Pest stage:** Prevention.
	M04	captan	**Sharda Captan 48 SC**	3.75 L/ha	1000 L/ha	8	3-6 d, see label	6 apps	7	**Pest stage:** Prevention.
	M04	captan	**Supra Captan 80 WSP**	2.25 kg/ha	1000 L/ha	8	3-6 d, see label	6 apps	7	**Pest stage:** Prevention.
Septoria leaf spot	3	prothioconazole	**Prothioconazole 480 SC**	315-420 mL/ha, see label	-	7	1-3, see label	2 apps, 840 mL/ha	5-14, see label	**Coverage:** Apply with a non-ionic surfactant, AgSurf or Agral 90 at 0.125% v/v.
05: PRE-BLOOM										
Blueberry flea beetle	4	acetamiprid	**Aceta 70 WP**	160 g/ha	-	7	0.5	4 apps	12 d	**Crop Stage:** Do not apply during bloom. **Pest Stage:** Begin monitoring field in early July, apply within 7 days of first fruit fly capture. **Pollinators:** Toxic to bees
	4	acetamiprid	**Assail 70 WP**	160 g/ha	-	7	0.5	4 apps	12 d	**Crop Stage:** Do not apply during bloom. **Pest Stage:** Begin monitoring in early July. Apply within 7 days of first fruit fly capture. **Pollinators:** Toxic to bees.
Blueberry spanworm	01B	phosmet	**Imidan 70 WP**	1.6 kg/ha	1000 L/ha	15	3	1 app	-	**Pollinators/Beneficials:** Toxic to bees and certain beneficial arthropods.
	4	acetamiprid	**Aceta 70 WP**	160 g/ha	-	7	0.5	4 apps	12 d	**Crop Stage:** Do not apply during bloom. **Pest Stage:** Begin monitoring field in early July, apply within 7 days of first fruit fly capture. **Pollinators:** Toxic to bees
	4	acetamiprid	**Assail 70 WP**	160 g/ha	-	7	0.5	4 apps	12 d	**Crop Stage:** Do not apply during bloom. **Pest Stage:** Begin monitoring in early July. Apply within 7 days of first fruit fly capture. **Pollinators:** Toxic to bees.
Blueberry thrips	4	acetamiprid	**Aceta 70 WP**	160 g/ha	-	7	0.5	4 apps	12 d	**Crop Stage:** Do not apply during bloom. **Pest Stage:** Begin monitoring field in early July, apply within 7 days of first fruit fly capture. **Pollinators:** Toxic to bees

Pest	Group	Active Ingredient	Pesticide	Rate	Water Volume	PHI (days)	REI (days)	Product Maximum	Restricted Reapplication (days)	Notes / Restrictions / Warnings
	4	acetamiprid	**Assail 70 WP**	160 g/ha	-	7	0.5	4 apps	12 d	**Crop Stage:** Do not apply during bloom. **Pest Stage:** Begin monitoring in early July. Apply within 7 days of first fruit fly capture. **Pollinators:** Toxic to bees.
Botrytis blight	9	pyrimethanil	**Impala 400 SC**	2 L/ha	-	1	0.5	3 apps	7-10 d, see label	**Crop stage:** At pre-bloom.
	9	pyrimethanil	**Scala 400 SC**	2 L/ha	-	1	0.5	3 apps, 6 L/ha	7-10 d, see label	**Crop stage:** Pre-bloom.
	M04	captan	**Captan 480 SC**	3.73 L/ha	1000 L/ha	8	3-6 d, see label	6 apps	7	**Pest stage:** Prevention
	M04	captan	**Captan L 482 SC**	3.73 L/ha	1000 L/ha	8	3-6 d, see label	6 apps	7	**Pest stage:** Prevention.
	M04	captan	**Maestro 80 WSP**	2.25 kg/ha	1000 L/ha	8	3-6 d, see label	6 apps	7	**Pest stage:** Prevention.
	M04	captan	**Sharda Captan 48 SC**	3.75 L/ha	1000 L/ha	8	3-6 d, see label	6 apps	7	**Pest stage:** Prevention.
	M04	captan	**Supra Captan 80 WSP**	2.25 kg/ha	1000 L/ha	8	3-6 d, see label	6 apps	7	**Pest stage:** Prevention.
06: 20-30% BLOOM										
Anthracnose	07, 03	fluopyram + prothioconazole	**Propulse SC**	750-1000 mL/ha, see label	100 L/ha (min)	7	1	2 apps	-	
	BM02	Bacillus amyloliquefaciens D747	**Double Nickel LC SC**	2.5-5 L/ha, see label	-	0		-	3-10, see label	
Botrytis blight	3	mefentrifluconazole	**Cevya 400 SC**	0.25 L/ha	-	0	0.5	1.125 L/ha	7-14 d, see label	**Pest stage:** Prevention.
	03, 09	difenoconazole + cyprodinil	**Inspire Super EC**	558-1475 mL/ha, see label	-	1	0.5	2-4 apps, see label	-	**Pollinators/Beneficials:** Toxic to certain beneficial arthropods.
	7	boscalid	**Cantus 70 WDG**	0.56 kg/ha	-	2	0.5	4 apps	7-14 d, see label	**Pest stage:** Prevention.
	7	fluxapyroxad	**Sercadis 300 SC**	0.250-0.666 L/ha, see label	-	0	0.5	3 apps, 2 L/ha	7-14 d, see label	**Pest stage:** Prevention.
	7	isofetamid	**Kenja 400 SC**	0.987-1.24 L/ha, see label	-	0	0.5	5 apps	7-14 d, see label	**Pest stage:** Prevention
	07, 09	fluopyram + pyrimethanil	**Luna Tranquility SC**	1200 mL/ha	-	1	0.5	2 apps	-	**Pest stage:** Only use this product for powdery mildew when it coincides with the timing on botrytis.
	07, 11	boscalid + pyraclostrobin	**Pristine WG**	1.6-1.6 kg/ha, see label	-	0	1	4 apps	7-14 d, see label	**Pest stage:** Prevention
	07, 11	flupyram + trifloxystrobin	**Luna Sensation SC**	300-600 mL/ha, see label	-	0	0.5	1980 mL/ha	7-10 d, see label	**Pollinators/Beneficials:** Toxic to certain beneficial insects. **Pest stage:** Prevention
	07, 11	pyraclostrobin + fluxapyroxad	**Merivon SC**	0.4-0.8 mL/ha, see label	100 L/ha	0	0.5-1, see label	3 apps	7-14 d, see label	**Pest stage:** Prevention

Pest	Group	Active Ingredient	Pesticide	Rate	Water Volume	PHI (days)	REI (days)	Product Maximum	Restricted Reapplication (days)	Notes / Restrictions / Warnings
	07, 12	pydiflumetofen + fludixonil	**Miravis Prime SC**	0.8-1.0 L/ha, see label	200 L/ha	1	1	2 apps	7-10 d, see label	**Crop stage:** Early bloom.
	09, 12	cyprodinil + fluodioxinil	**Button WG**	775-975 mL/ha, see label	200 L/ha (min.)	-	0.5	3 apps	See label	**Crop stage:** At or before bloom
	09, 12	cyprodinil + fluodioxinil	**Switch 62.5 WG**	775-975 mL/ha, see label	200 L/ha (min)	1	0.5	3 apps	7-10 d, see label	**Crop safety:** In the absence of a viable registered fungicide alternative for the specific crop to be treated, the maximum number of applications is limited to 2 per year.
	17	fenhexamid	**Elevate 50 WDG**	1.7 kg/ha	-	1	0.5	4 apps	7 d	**Crop stage:** Begin application at the 10% bloom stage. **Crop safety:** Avoid making more than two consecutive applications with the active ingredient of Elevate 50 WDG.
	29	fluazinam	**Allegro 500F 40 SC**	1.46-2.4 L/ha, see label	300-1000 L/ha	30	1	2 apps	7-10 d, see label	**Crop stage:** Varies based on pest. See label.
	BM01	BLAD polypeptide	**ProBlad 20 SC**	1.5-3.3 L/ha, see label	450 L/ha	0	-	5 apps	7-10 d, see label	**Coverage:** This product requires 2-4 hours of drying time on plant foliage for active ingredient to absorb into plant tissue before rain or irrigation occurs. If during the next 12 hours, it rains significantly, a new application will be needed during the next 4 days.
	BM01	tea tree oil	**Timorex Gold 24 E**	1.5-2.0 L/ha, see label	400-800 L/ha spray volume	2	0.2, when dry	-	7-14 d, see label	**Pollinators/Beneficials:** Toxic to certain beneficial insects.
	BM02	Bacillus amyloliquefaciens	**Serifel WP**	0.25-0.5 kg/ha, see label	-	0	0.2, when dry	-	7-10 d, see label	**Pest stage:** Prevention.
	BM02	QST 713 strain of dried Bacillus subtilis	**Serenade OPTI WP**	1.7-3.3 kg/ha	-	0	-	2 apps	-	
	M04	captan	**Captan 480 SC**	3.73 L/ha	1000 L/ha	8	3-6 d, see label	6 apps	7	**Pest stage:** Prevention
	M04	captan	**Captan L 482 SC**	3.73 L/ha	1000 L/ha	8	3-6 d, see label	6 apps	7	**Pest stage:** Prevention.
	M04	captan	**Maestro 80 WSP**	2.25 kg/ha	1000 L/ha	8	3-6 d, see label	6 apps	7	**Pest stage:** Prevention.
	M04	captan	**Sharda Captan 48 SC**	3.75 L/ha	1000 L/ha	8	3-6 d, see label	6 apps	7	**Pest stage:** Prevention.
	M04	captan	**Supra Captan 80 WSP**	2.25 kg/ha	1000 L/ha	8	3-6 d, see label	6 apps	7	**Pest stage:** Prevention.
Powdery mildew	07, 11	flupyram + trifloxystrobin	**Luna Sensation SC**	300-600 mL/ha, see label	-	0	0.5	1980 mL/ha	7-10 d, see label	**Pollinators/Beneficials:** Toxic to certain beneficial insects. **Pest stage:** Prevention
07: 70-80% BLOOM										
Monilinia blight	3	mefentrifluconazole	**Cevya 400 SC**	0.25 L/ha	-	0	0.5	1.125 L/ha	7-14 d, see label	**Pest stage:** Prevention.

Pest	Group	Active Ingredient	Pesticide	Rate	Water Volume	PHI (days)	REI (days)	Product Maximum	Restricted Reapplication (days)	Notes / Restrictions / Warnings
08: FRUIT RIPENING										
Aphid	04D	flupyradifurone	**Sivanto Prime 200 SN**	750-1000 mL/ha, see label	100 L/ha (min)	3	0.5	2000 mL/ha	7 d	**Pollinators/Beneficials:** Toxic to bees and certain beneficial arthropods.
Blueberry maggot	01A	carbaryl	**Sevin XLR 43 SC**	4.0 L/ha	1200-1500 L/ha	2	5-9, see label	2 apps	10 d	**Crop stage:** Apply early to late July. **Pest stage:** When insects/damage first appear. **Pollinators/Beneficials:** Toxic to bees.
	01B	dimethoate	**Diamante 4 480 EC**	580-830 mL/ha, see label	-	21	0.5	2 apps	10-12 d, see label	**Crop stage:** Apply early to mid July. **Crop safety:** Do not apply foliar spray when daytime temperatures are over 25C. **Pollinators/Beneficials:** Toxic to bees and certain beneficial arthropods.
	01B	dimethoate	**Lagon 480 E**	580-830 mL/ha, see label	-	21	0.5	2 apps, 1000 L/ha	10 d	**Crop stage:** Apply early to late July. **Pollinators:** Toxic to bees and certain beneficial arthropods.
	01B	malathion	**Malathion 85 E**	550-2500 L/ha, see label	1000 L/ha	1	2	3 apps	7 d	**Crop stage:** Apply early to late July. **Pollinators/Beneficials:** Toxic to bees.
	01B	phosmet	**Imidan 70 WP**	1.6 kg/ha	1000 L/ha	15	3	1 app	-	**Pollinators/Beneficials:** Toxic to bees and certain beneficial arthropods.
	3	cypermethrin	**Ripcord 400 EC**	150-175 mL/ha, see label	-	2	0.5	2 apps	7 d	**Pollinators/Beneficials:** Toxic to bees and certain beneficial insects. **Pest stage:** Based on presence of adult pest.
	3	cypermethrin	**Up-cyde 2.5 EC**	245-285 mL/ha, see label	-	2	0.5	2 apps	7 d	**Pest stage:** Application based on presence of adult flies. **Crop safety:** Avoid spraying when temperatures are above 27C. **Pollinators:** Toxic to bees and certain beneficial insects.
	4	acetamiprid	**Assail 70 WP**	160 g/ha	-	7	0.5	4 apps	12 d	**Crop Stage:** Do not apply during bloom. **Pest Stage:** Begin monitoring in early July. Apply within 7 days of first fruit fly capture. **Pollinators:** Toxic to bees.
	04, 15	acetamiprid and novaluron	**Cormoran EC**	750-1400 mL/ha, see label	200 L/ha (min)	8	0.5	3 apps	10-14 d, see label	**Crop safety:** Do not apply when temperatures are high or phytotoxic effect may occur. **Pollinators/Beneficials:** Toxic to certain beneficial insects
	04D	flupyradifurone	**Sivanto Prime 200 SN**	750-1000 mL/ha, see label	100 L/ha (min)	3	0.5	2000 mL/ha	7 d	**Pollinators/Beneficials:** Toxic to bees and certain beneficial arthropods.
	5	spinosad	**GF-120 Fruit Fly Bait SN**	1.0-1.5 L/ha, see label	-	0	0.5, when dry	5 apps	7 d	**Crop stage:** Early to late July. Apply with a large spray droplet size (4-6 mm). **Pest stage:** Begin applications as soon as traps indicate flies are present. **Pollinators/Beneficials:** Toxic to bees. **Recommendations:** A large spray droplet size of 4000 to 6000 µ (4-6 mm) is recommended to optimize length of bait attraction.

Pest	Group	Active Ingredient	Pesticide	Rate	Water Volume	PHI (days)	REI (days)	Product Maximum	Restricted Reapplication (days)	Notes / Restrictions / Warnings
	5	spinosad	**Success 480 SC**	110-220 mL/ha, see label	-	3	0.5, when dry	3 apps	7-10 d, see label	**Pollinators/Beneficials:** Toxic to bees.
	23	spirotetramat	**Movento 240 SC**	365-435 mL/ha, see label	200-3000 L/ha, see label	7	0.5	1.833 L/ha	7 d	**Crop stage:** Apply post-bloom. **Pest stage:** Apply at either egg hatch or when insects are present depending on target pest, see label. **Pollinators/Beneficials:** Toxic to bee brood and certain beneficial insects.
	28	cyantraniliprole	**Exirel 100 SC**	500-1500 mL/ha, see label	-	3	0.5	4 apps, 4.5 L/ha per season	5 d	**Pest stage:** At threshold. **Pollinators/Beneficials:** Toxic to bees and certain beneficial arthropods.
Spotted wing drosophila	01B	malathion	**Malathion 85 E**	550-2500 L/ha, see label	1000 L/ha	1	2	3 apps	7 d	**Crop stage:** Apply early to late July. **Pollinators/Beneficials:** Toxic to bees.
	01B	phosmet	**Imidan 70 WP**	1.6 kg/ha	1000 L/ha	15	3	1 app	-	**Pollinators/Beneficials:** Toxic to bees and certain beneficial arthropods.
	04, 15	acetamiprid and novaluron	**Cormoran EC**	750-1400 mL/ha, see label	200 L/ha (min)	8	0.5	3 apps	10-14 d, see label	**Crop safety:** Do not apply when temperatures are high or phytotoxic effect may occur. **Pollinators/Beneficials:** Toxic to certain beneficial insects
	5	spinetoram	**Delegate 25 WG**	100-420 g/ha, see label	-	3	0.5	3 apps	-	**Pollinators/Beneficials:** Toxic to bees and certain beneficial arthropods.
	5	spinosad	**Entrust 240 SC**	267-440 mL/ha, see label	300-500 L/ha	3	0.5, when dry	3 apps	7-10 d, see label	**Pollinators/Beneficials:** Toxic to bees.
	5	spinosad	**Success 480 SC**	110-220 mL/ha, see label	-	3	0.5, when dry	3 apps	7-10 d, see label	**Pollinators/Beneficials:** Toxic to bees.
	28	cyantraniliprole	**Exirel 100 SC**	500-1500 mL/ha, see label	-	3	0.5	4 apps, 4.5 L/ha per season	5 d	**Pest stage:** At threshold. **Pollinators/Beneficials:** Toxic to bees and certain beneficial arthropods.
	28	cyclaniliprole	**Harvanta 50 SL**	1.2-1.6 L/ha, see label	200-1440 L/ha	7	0.5	3 apps, 4.8 L/ha	5 d	**Crop stage:** Use degree models to determine application timing. **Pollinators:** Toxic to bees and certain beneficial arthropods.
	32	GS-omega/kappa-Hxtx-Hv1a	**Spear T 2 SN**	9.4-28 L/ha, see label	-	0	0.2	-	-	**Pest stage:** Not effective at egg stage. Earlier or younger developmental stages are more susceptible.
	23	spiromesifen	**Oberon 240 F**	880-1160 mL/ha, see label	100 L/ha (min)	3	0.5	3 apps	7	**Pollinators:** Toxic to certain beneficial arthropods. May be toxic to bee brood.
Whitefly	23	spiromesifen	**Oberon 240 F**	880-1160 mL/ha, see label	100 L/ha (min)	3	0.5	3 apps	7	**Pollinators:** Toxic to certain beneficial arthropods. May be toxic to bee brood.