



# BERRY PROGRAM

syngenta®

# SYNGENTA BERRY CROP PROGRAM



Transplant



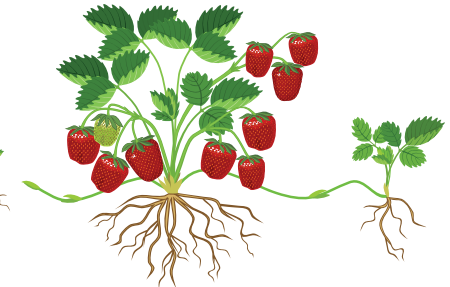
Seedling



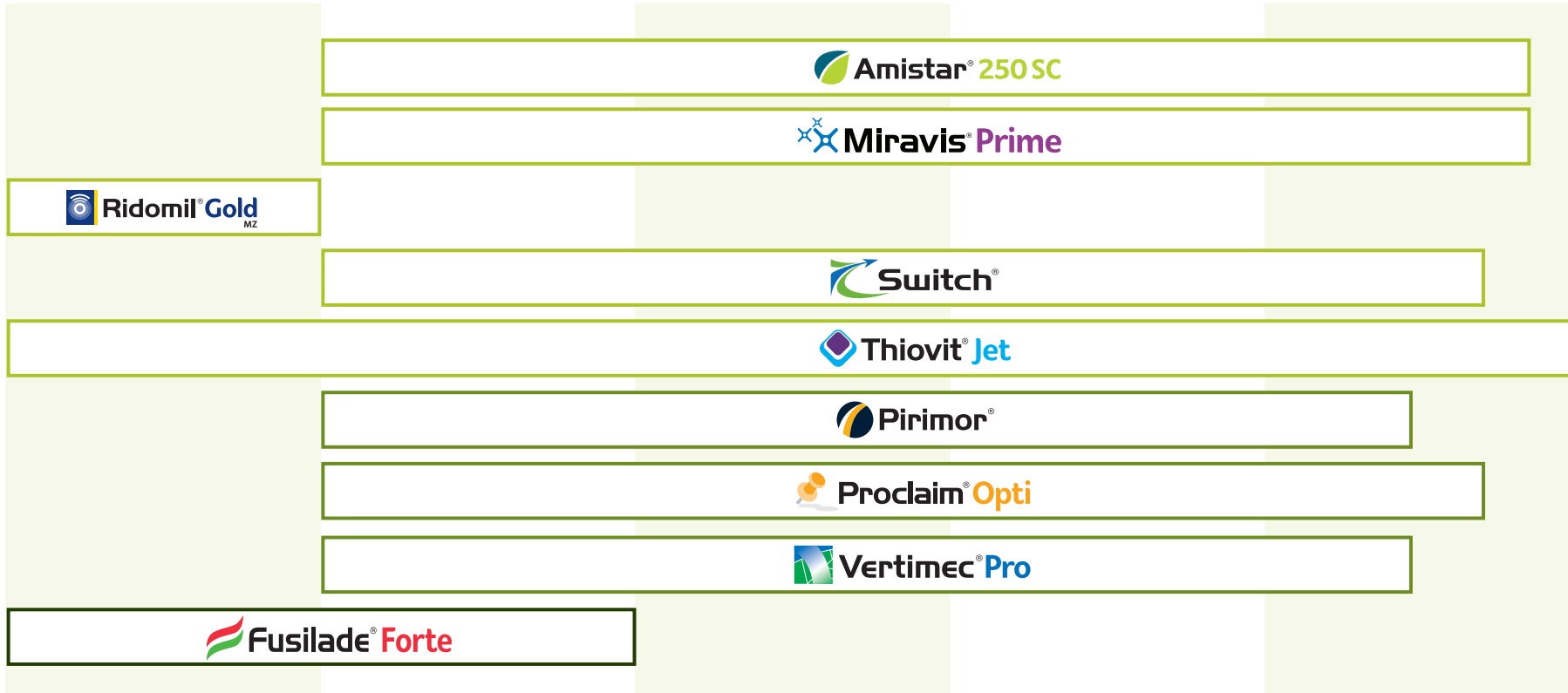
Leaf Development



Flowering



Harvest



Fungicide   
  Insecticide   
  Herbicide

## SYNGENTA BERRY FUNGICIDES

### **Amistar® 250SC**

#### **Rubus sp. berries**

##### **Anthracnose, Botrytis, Cladosporium**

- Provides wide spectrum disease control for peace of mind
- Superior rainfastness providing protectant shield from fungal disease
- Proven performance to control disease for maximum yield and quality potential

### **Switch®**

#### **Strawberries**

##### **Botrytis grey mould, crown and petiole rot**

- Two actives with systemic and protectant activity for long lasting disease protection
- Flexibility to use at key crop growth stages
- Used preventatively, ensures optimum fruit quality existing plant growth

### **Miravis® Prime**

#### **All berries - open field and protected cropping**

##### **Botrytis grey mould, also powdery mildew on strawberries**

- Strength of two actives for superior disease control
- Combines contact and translaminar xylem mobile fungicides to attack fungi at multiple stages of the life cycle
- Two modes of action to help mitigate the development of fungicide resistance

### **Thiovit® Jet**

#### **Strawberries**

##### **Powdery mildew**

- High quality, low dust microgranule sulphur for ease of mixing
- Excellent water dispersion for excellent spread and coverage
- Optimum particle size for crop safety and residual disease control

### **Ridomil® Gold** MZ

#### **Strawberries (non-fruiting)**

##### **Eye spot, leaf blight, root rot, scorch**

- Combination of Mancozeb + Metalaxyl-M for protective and curative action
- Water dispersible granule for ease of mixing
- Apply to strawberry runners only for optimum plant establishment

#### **FUNGICIDE RESISTANCE MANAGEMENT**

To prevent fungicide resistance, growers should follow the product label, check the CropLife Australia website ([www.croplife.org.au](http://www.croplife.org.au)) and where appropriate consult with local experts to determine if a resistance management strategy exists.

**AMISTAR® 250SC fungicide** should be applied before the onset of disease. Ensure thorough coverage of the canopy.

**MIRAVIS® Prime fungicide** should be applied when conditions favour disease development and before the onset of symptoms.

**RIDOMIL® Gold MZ fungicide** should be applied as a combined dip for runners after digging. For use in strawberry runner certification scheme only.

**SWITCH® fungicide** should be applied preventatively prior to the onset of disease in sufficient water volume to ensure thorough coverage of foliage and plant crown.

**THIOVIT® Jet fungicide** should be applied when humid conditions are conducive for disease development and repeat as necessary. DO NOT apply in hot conditions as crop phytotoxicity may occur.

## SYNGENTA BERRY INSECTICIDES



**Blackberries, blueberries, strawberries**

### Aphids

- Unique 3-way action provides fast action and rapid knockdown against aphids (contact, translaminar and fumigant activity)
- Specific Integrated Pest Management (IPM) friendly aphicide safe to bees (application while bees foraging should be avoided) and other beneficial insects
- Provides residual control of aphids for up to two weeks
- Ideal rotation partner for resistance management



**Strawberries**

**Cluster caterpillar, heliothis, light brown apple moth, loopers**

- High activity on Lepidoptera pests making it suitable for use in IPM programs
- Translaminar movement delivers residual control for up to 14 days
- Group 6A acts as a resistance breaker controlling larvae no longer susceptible to other chemistry



**Blackcurrants, blueberries, raspberries, strawberries - two-spotted mite (TSM)**

**Blackberries, raspberries and blueberries only - Queensland fruit fly (QFF)**

- Mite feeding and mobility is limited within 2 to 4 hours of application
- Compatible with IPM programs
- Formulated as a suspension concentrate, it has good solubility and dispersibility in the spray tank with a reduced odour

**PIRIMOR® WG insecticide** applications should commence once local aphid thresholds are reached. If used in conjunction with predatory mites, apply before release or only after mites have fully established in the crop.

**PROCLAIM® Opti insecticide** should be applied at first signs of insect infestations when local pest thresholds have been reached and before target pest populations reach high levels. For best results, apply just prior to or just after egg hatch when larvae are small. DO NOT target large larvae. Use the higher label rate during periods of heavy insect pressure, under very hot and sunny conditions or where a longer period of control is desired. Add a non-ionic surfactant such as AGRAL® spray adjuvant at the appropriate label rate to assist pest control.

**VERTIMEC® Pro insecticide** should be applied when mites are first observed and use sufficient water to ensure adequate coverage of the plant.

### INSECTICIDE RESISTANCE MANAGEMENT

Resistance develops when insecticides from one chemical group are overused or misused (e.g. applied at a rate lower than on the label). To prevent resistance from developing growers should follow the product label, check the CropLife Australia website ([www.croplife.org.au](http://www.croplife.org.au)) and where appropriate consult with local experts to determine if a resistance management strategy exists. To help manage resistance, insecticides are grouped according to similarity of Mode of Action (MoA), making it easy to identify which products have a similar MoA.

Rotating the MoA is an effective approach to resistance management.

## SYNGENTA BERRY HERBICIDES

### **Fusilade<sup>®</sup> Forte**

#### **Blackcurrants, blueberries and strawberries**

- Systemic, post-emergent herbicide selective to annual and perennial grasses
- Rapidly absorbed and translocated through actively growing leaves
- Rainfast within one hour for flexibility of application

**FUSILADE<sup>®</sup> Forte herbicide** should not be applied to weeds in early stages of crop growth (before 5 true leaf stage). Apply to actively growing grass weeds when at the 3 to 5 leaf stage before tillering commences. DO NOT treat weeds that are not actively growing or under stress. DO NOT apply to flowering weeds.

## SYNGENTA BERRY PRODUCT INFORMATION

Product	Active Ingredient	Group	Withholding period	Rainfast period	Re-entry period	Max. no sprays
AMISTAR® 250 SC	Azoxystrobin	11	1 day	When dry	When dry	3
MIRAVIS® Prime	Pydiflumetofen + fludioxonil	7 + 12	1 day	1 hour	When dry	2
RIDOMIL® Gold MZ <sup>^</sup>	Metalaxyl-M + mancozeb	4 + M3	7 days	6 hours	When dry	1
SWITCH® <sup>^</sup>	Cyprodonil + fludioxonil	9 + 12	3 days	1 hour	When dry	3
THIOVIT® Jet <sup>^</sup>	Sulphur	M2	Not required when used as directed	2 hours	When dry	-
PIRIMOR® WG <sup>*</sup>	Pirimicarb	1A	2 days	3 hours	When dry	-
			7 days blackberries	3 hours	When dry	2
PROCLAIM® Opti <sup>^</sup>	Enamectin	6	3 days	2 hours	When dry	3
VERTIMEC® Pro <sup>#</sup>	Abamectin	6	3 days strawberries 7 days blackberries, raspberries and blueberries	When dry	When dry	2 applications for TSM 12 applications for QFF
FUSILADE® Forte <sup>**</sup>	Fluazifop-p-butyl	1	4 weeks	1 hour	When dry	-

Consult the product label for directions of use and check the CropLife Australia website (<http://www.croplife.org.au>) to comply with a resistance management strategy.

<sup>^</sup> Strawberries

<sup>#</sup> Blackcurrants, blueberries, raspberries, strawberries

<sup>\*</sup> Blackberries, blueberries, strawberries

<sup>\*\*</sup> Blackcurrants, blueberries, strawberries

Fungicide

Insecticide

Herbicide





**FOR FURTHER INFORMATION TALK TO  
YOUR LOCAL SYNGENTA REPRESENTATIVE  
OR VISIT [SYNGENTA.COM.AU](https://www.syngenta.com.au)**

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