

PRISTINE

APPLICATION SUMMARY SHEET

LABEL DATE: 2016-02-23



TYPE	MODE OF ACTION/ACTIVE INGREDIENT	FORMULATION	PCP#
Fungicide	Group 7/boscalid (25.2%) and Group 11/pyraclostrobin (12.8%)	WG	27985

RESISTANCE MANAGEMENT/ PLANTING RESTRICTIONS

- Boscalid is persistent and may carry over. It is not recommended that any products containing boscalid be used in the same area two seasons in a row.
- Label contains many crop-specific restrictions regarding maximum number of applications and sequential applications of this product and/or Group 11. Refer to target crop p 4-19.
- Plant back restriction of 14 d required for all crops not on label.

ENVIRONMENTAL CONDITIONS

- Do not apply during periods of dead calm or gusty conditions.
- Avoid application when heavy rain is forecast.
- Observe most restrictive buffer zone of tank-mix products.
- Drift-reducing technology may reduce buffer zone distances per Health Canada's buffer zone calculator.
- Downwind buffer zones (see p 3 for crop-specific distance):

Field sprayer

- Fresh water habitat:
- <1 m deep = 5-20 m
 - >1 m deep = 2-3 m
- Estuarine/Marine habitat:
- <1 m deep = 1-2 m
 - >1 m deep = 1 m
- Terrestrial habitat:
- 1 m

Airblast sprayer

- Fresh water habitat:
- <1 m deep = 35-45 m
 - >1 m deep = 15-30 m
- Estuarine/Marine habitat:
- <1 m deep = 5-20 m
 - >1 m deep = 5-20 m
- Terrestrial habitat:
- 1-2 m

- Hand-held, backpack and spot treatments do not require a buffer zone.

SPRAYER SETTINGS

 CROP	 SPRAY QUALITY	 DISTANCE TO TARGET	 TRAVEL SPEED	 VOLUME	 RATE
Field carrot, celeriac, grape, berry, bulb vegetable, strawberry, brassica, leafy vegetable, crabapple	not specified	<60 cm	Select a speed that allows productivity, but: does not require boom to be raised above 60 cm	≤250 L/ha for certain crops (see Rates and REI)	0.6-1.6 kg/ha (see Rates and REI)
Airblast stone fruit, berry, crabapple, hops, grapes, pome fruit	not specified	>50 cm	Select a speed that allows productivity, but: allows canopy penetration without excessive blow-through	not specified	0.6-1.6 kg/ha (see Rates and REI)

NOTES:

- Backpack settings not specified.

HANDLING SAFETY (PPE)

	 GLOVES	 HAT	 APRON	 COVERALLS	 RESPIRATOR	 PROTECTIVE EYEWEAR	 FOOTWEAR
MIXING/ LOADING	chemical resistant	no	no	yes + long-sleeved shirt/ long pants	no	no	shoes + socks
ENCLOSED CAB	no	no	no	no	no	no	shoes + socks
OPEN CAB	chemical resistant	no	no	yes + long-sleeved shirt/ long pants	no	no	shoes + socks
CLEANOUT	chemical resistant	no	no	yes + long-sleeved shirt/ long pants	no	no	shoes + socks

MIXING

- Ensure sprayer is clean per label recommendations of previously used product.
- Fill tank ½ full and start agitation.
- Add required amount of fungicide to tank.
- Continue agitation filling remainder of tank.

RATES AND REI

CROP (AND STAGING)	VOLUME	RATE	REI
berries		1.3-1.6 kg/ha p 4 for details	Hand harvest, thinning hand pruning, training, tying = 24 h, else when dry Note: currant, gooseberry and saskatoons = 29 d for hand harvest
hops		1.6 kg/ha ≤0.105 kg/L p 6 for details	Harvest = 46 d, hand set irrigation = 8 d, else 12 h
brassica		1.0 kg/ha	4 d
bulb vegetables		1.0-1.3 kg/ha	Thinning = 3 d, else when dry
cucurbit (field)		0.9-1.3 kg/ha p 9 for details	Harvest, thinning, pruning, tying = 3 d, else when dry
root vegetables		0.58-0.735 kg/ha p 10 for details	Hand harvest = 3 d, else when dry
grape	≥250 L/ha	0.42-0.735 kg/ha p 10 for details	Hand harvest, thinning, tying, leaf pulling, hand pruning = 21 d, else when dry
cucumber (greenhouse)	≥250 L/ha	*1.3 kg/ha	When dry
bedding plants (greenhouse)		73.5-120 g/100L	12 h
lettuce (greenhouse)	≥250 L/ha	*1.3-1.6 kg/ha	12 h
peppers (greenhouse)	≥250 L/ha	*1.2 kg/ha	12 h

CROP (AND STAGING)	VOLUME	RATE	REI
tomatoes (greenhouse)	≥250 L/ha	*1.6 kg/ha	When dry
leafy vegetables		1.0-1.6 kg/ha p 15 for details	Hand harvest or thinning = 9 d, else when dry
pome fruit		0.6-1.2 kg/ha ≥0.6 kg/ha for scab ≥0.4 kg/ha for powdery mildew p 16 for details	Hand thinning = 12 h, else when dry
stone fruit		0.735-1.0 kg/ha	Hand thinning = 10 d, hand harvest = 24 h, else when dry
strawberry		1.3-1.6 kg/ha p 17 for details	Harvest, pruning, pinching, training = 24 h, else when dry
outdoor ornamentals		1.0-1.6 kg/ha p 18 for details	Hand irrigation activities = 3 d

NOTES:

- **Do not apply using foggers or misters.*

EQUIPMENT CLEANOUT

STEP 1	STEP 2 (ADJUVANT)	STEP 3	STEP 4	STEP 5
Clean sprayer as soon as possible after spraying.	not specified	Agitate well, opening all valves and lines. Spray rinsate out of boom.	Second rinse: Repeat Step 3 (preferable to leave soak overnight).	Third rinse: Repeat Step 3.

NOTES:

- *Volume of rinsate depends on equipment. Tanks without washdown nozzles must be filled to ensure contact with all tank surfaces.*
- *~10% tank volume is required when using wash-down nozzles.*
- *Dispose of rinsate safely.*