

# Mission 418 EC<sup>®</sup>

## FUNGICIDE

Mission 418 EC is a broad spectrum systemic fungicide for control of a wide range of diseases in various horticultural crops. Mission 418 EC fungicide used as a protective fungicide will protect the crop from yield and quality loss due to disease.

**GUARANTEE:** Propiconazole 418 g/L.

**WATER VOLUMES:**

Ground Application – minimum of 200 L of water per hectare (18 gal/ha).

Aerial Application – where label allows - 40-50 L water per hectare (4-5 gal/ac). See label for all mixing instructions.

**CAUTIONS:** Do not graze livestock on treated green crops. Do not apply in periods of dead calm or gusty winds. See label for personal protective equipment to be worn at time of mixing, spraying and re-entry. It is recommended that no more than 2 consecutive applications of Mission 418 EC be made before switching to another fungicide with a different mode of action for resistance management. Do not apply or allow run off to enter aquatic habitats, toxic to aquatic organisms.

**RAIN FAST:** Avoid spray if heavy rain forecasted, if rain occurs within 1 hour of application, re-application is required.

**TIMING:** Mission should be applied as a preventative disease control measure. Established diseases are difficult to control and may have already reduced crop vigour.

**STORAGE:** Keep from freezing, store in heated storage away from food or feed.

**TANK MIXES:** May be tank mixed with a small amount of nitrogen. Do not exceed 10 kg/ha of actual nitrogen as crop injury could occur. Do not tank mix with nitrogen if mixing with a herbicide.

**RE-ENTRY:** Do not re-enter treated area within 3 days of application. For short-term re-entry see label regarding personal safety equipment to be worn.

**PACKAGE SIZE:** 6 x 1 L.

**GROUP:** Group 3 - Triazole.



## QUICK SHEET

## ALWAYS READ THE LABEL BEFORE USE

Crop	Disease/Rate per hectare	Timing	PHI*
Apricots, Nectarines, Peaches and Plums	Brown rot blossom blight 300 mL in at least 500 L water/ha	1st application at early bloom, 2nd at 50-75% bloom and 3rd if needed at petal fall.	3 days
	Fruit brown rot 300 mL in minimum of 500 L water/ha	No more than 2 applications in the 3 weeks before harvest.	3 days
	Suppression of Black knot on Plum. 300 ml in 500 L water	1st application at early bloom, 2nd at 50-75% bloom and 3rd if needed at petal fall.	3 days
Blueberry (Highbush)	Mummyberry 300 mL in a minimum of 200 L water/ha by ground only	1st spray at or near bud swelling, 2nd at leaf bud swelling. Maximum of 2 applications per year. In BC can apply 3rd spray at pink bloom and 4th 7-10 days later at early bloom. Make no more than 4 applications per year in BC.	60 days
Blueberry (Lowbush)	Monilinia blight 300 mL in 200 L water by ground or 40-50 L water if applied by air	1st application when flower bud scales first appear, 2nd - 10 days later. Maximum of 2 applications per year.	60 days
Cherries (Sweet and Sour)	Brown rot blossom blight 300 mL in a minimum of 500 L water/ha	1st application at early bloom, 2nd at 50-75% bloom and a 3rd if needed at petal fall.	3 days
	Fruit brown rot 300 mL in 500 L water	Apply no more than 2 applications within 3 weeks of harvest.	3 days
	Cherry leaf spot 300 mL in 500 L water	1st application at petal fall, make 2nd and 3rd in 3 weeks prior to harvest at 7-10 day intervals. Maximum of 3 applications per season.	3 days
	Suppression of black knot in sour cherries only. 300 mL in at least 500 L water	1st application at early bloom, 2nd at 50-75% bloom and 3rd if needed at petal fall.  DO NOT APPLY MORE THAN 5 APPLICATIONS OF MISSION PER SEASON ON SWEET OR SOUR CHERRIES.	3 days
Cranberry	Cottonball 300 mL by ground application	1st spray at leaf bud break, 2nd 10-14 days later, 3rd at early bloom and a 4th 10-14 days after 3rd. Maximum of 4 applications per year.	45 days
Saskatoon Berry	Entomosporium leaf and berry spot, Saskatoon juniper rust 300 mL in a minimum of 200 L water, apply to point of runoff	1st application at white tip, the 2nd at petal fall and the 3rd at green fruit.	38 days
Asparagus Ontario and Quebec only.	Rust ( <i>Puccinia asparagi</i> ) 150 mL in a minimum of 370 L water	After harvest make 1st spray as soon as fern growth begins, followed by applications at 14-21 day intervals. Maximum 3 sprays per season. For new non-harvest plantings apply 1st applications when rust is visible and then at 14-20 day intervals, maximum of 3 sprays per season.	8 months
Rutabagas	Powdery mildew 240 mL in at least 200 L water	2 applications - 1st at 50 days after planting and the 2nd 20 days later. Apply to vegetative foliage.	21 days
Kentucky Bluegrass for seed production	Powdery mildew 300 mL in 200-300 L water if ground applied or 40-50 L water if air applied	Apply as foliar spray no more than 2 sprays per crop year, with 1st application at pre-heading and 2nd at 50-100% heading.	N/A
Western Red Cedar	Keithia foliar blight 300 mL in 1000 L water/ha by ground	Every 4 weeks with a maximum of 6 applications per season.	N/A

\* Pre Harvest Interval



[www.uap.ca](http://www.uap.ca)

West: 1-800-561-5444 Ontario & Maritimes: 1-800-265-5444 Quebec: 1-800-361-9369