SENATOR 50SC



SENATOR FUNGICIDE

The active ingredient in Senator is a systemic fungicide belonging to FRAC Group 1 that has been widely used for the control of a broad range of fungal diseases in fruits, vegetables, field crops, and ornamentals. After application, it is absorbed by plant tissues and converted into the active metabolite carbendazim, which inhibits fungal cell division. This mode of action provides both preventative and curative activity against important diseases such as fusarium diseases, powdery mildew, botrytis, anthracnose, leaf spots, scab, and various fruit/root rots.

Key features and benefits of thiophanate-methyl include its strong systemic movement within the plant, broad-spectrum disease control, and ability to protect new growth after application. Its preventative and early curative activity make it a versatile disease management tool across many cropping systems, while its residual activity can help extend protection between spray intervals. Thiophanate-methyl is also commonly used in foliar, soil, and seed treatment applications, offering flexibility for growers. Because resistance to benzimidazole fungicides is widespread in some pathogens, thiophanate-methyl is most effective when used as part of a resistance-management program that rotates with fungicides from different FRAC groups.

Active Ingredient:

Thiophanate-methyl 500q / L

Key Crops:

apples, pears, lowbush blueberries, peaches, nectarines, plums, cherries, strawberries, raspberries, grapes, ornamentals

Key Targets:

Fusarium, monilinia, botrytis, apple scab, powdery mildew, phomopsis

FRAC Group:

Group 1

Packaging Size:

2 x 9.46L

Belchim Canada
GROWING TOGETHER

CROP	DISEASE	PHI	REI	RATE	ADDITIONAL INFORMATION
Pome Fruit	Apple scab, Powdery mildew	1 day	12hr.	250ml in 1000L of water apply 3500L water / ha	Tank mix SENATOR 50 SC with a protectant fungicide with alternate mode of action.
Lowbush Blueberries	Blossom blight, Twig blight	60 days	12hr.	1.54L in 1000L water / ha	Start applications at bud break 2 applications at 10 – 14 day interval.
Strawberries	Fruit rot, Leaf spot	1 day	12hr.	700ml / 1000L water apply 2200L water / ha	First application when buds are visible in crown. Repeat on a 7 – 10 day interval, or 3 – 5 day interval in rainy weather.
Raspberries	Powdery mildew, Fruit rot	1 day	12hr.	700ml / 1000L water apply 2200L water / ha	Make first application at flowering. Repeat on a 7 – 10 day interval as required.
Grapes	Grape vine decline	45 days	12hr.	2.352L / ha In minimum 467.5L / ha	Apply from dormancy (soon after pruning) to bud break. 2 applications per season.
Peaches, Nectarines	Brown rot	1 day	12hr.	700ml / 1000L water apply 3500L water / ha	Begin application at early signs of blossoming and at a full bloom to ensure adequate protection. Rotate with contact fungicides.
Plums, Prunes, Cherries	Brown rot, Black knot	1 day	12hr.		
Roses, Ornamentals Outdoor	Black spot	N/A	12hr.	700 - 1050ml / 1000L water / ha	Water soil thoroughly with spray solution.
Ornamental Prunus sp.	Black knot	N/A	12hr.	700ml / 1000L	
Potato Seed Piece	Verticillium wilt, Fusarium rot, Seed piece decay, Blackleg	N/A	N/A	1.4 L in 6.5 L of water Do not exceed rate of 1.4 L of Senator 50SC / 1400 kg. of pieces	Apply spray solution using standard equipment with calibrated spray nozzle, mounted over a belt which tumbles the seed pieces. Use drying agent if required.
Sugar Beets	Leaf spot	21 days	12hr.	588 – 784 mL / Ha in sufficient water to ensure coverage	For exported sugar beets only. Do not use treated sugar beets as fodder or feed in Canada. Alternate treatments with different chemistry.

Always read and follow label directions.

SENATOR is a registerd trademark of Nippon Soda Co., Ltd.

Belchim Canada
GROWING TOGETHER

519-826-7878
belchimcanada.com
104 Cooper Dr. Unit 3
Guelph, Ontario, Canada