

SENATOR 50SC



TRUSTED
UNIQUE
PERFORMANCE



SENATOR® 50SC FUNGICIDE

SENATOR 50SC is a broad spectrum systemic fungicide that offers growers a unique mode of action. This systemic activity creates a barrier against disease, protecting current and new growth from infection.

SENATOR 50SC can't be washed off the plant once the spray solution has dried on the leaf surface providing protection of your plants and yield.



BENEFITS	TECHNICAL INFORMATION
<p>SENATOR 50SC is a broad spectrum fungicide containing the active ingredient thiophanate-methyl which is the only product registered in its class on labelled crops charted below. SENATOR 50SC is absorbed by the leaves and roots, and moves through the plant to protect foliage from the inside out. SENATOR 50SC is best used in a preventative spray program, applied according to label application timing and before widespread disease development.</p>	<p>For use on: apples, pears, lowbush blueberries, peaches, nectarines, plums, prunes, cherries, strawberries, raspberries, potatoes, sugar beets, ornamentals, greenhouse tobacco seedlings and mushroom casing.</p>
	<p>Active Ingredients: Thiophanate-methyl 500 q / L</p>
	<p>Formulation: Soluble Concentrate</p>
	<p>Packaging: 2 x 10 Litre Container</p>
	<p>Mode of Action: Inhibits the fungi's ability to grow and reproduce through nuclear division</p>
	<p>FRAC Group: 1</p>
	<p>Key diseases controlled: Powdery mildew, Brown rot, Botrytis, Leaf spot</p>

CROP	DISEASE CONTROLLED	RECOMMENDATIONS	SPRAY INTERVAL	PHI	REI	RATE
Apples & Pears	Apple Scab, Powdery Mildew	Tank mix SENATOR 50 SC with a protectant fungicide with alternate mode of action.	7days	1 day	12 hr.	250 ml / 1000 L water apply 3500 L water / Ha Do not exceed 1.75 L / Ha / season
Low bush Blueberries	Blossom Blight Twig Blight	Start applications at bud break 2 applications at 10 – 14 day interval.	10 – 14 days	60 days	12 hr.	1.54 L in 1000L water / Ha Do not exceed 3.08 L / Ha/ season
Strawberries	Fruit Rot (<i>Botrytis</i>) Leaf Spot	First application when buds are visible in crown. Repeat on a 7 – 10 day interval, or 3 – 5 day interval in rainy weather.	7 – 10 days 3 – 5 in rain	1 day	12 hr.	700 ml / 1000 L water apply 2200 L water / Ha Do not exceed 3.08 L / Ha / season Do Not Apply by Air
Raspberries	Powdery Mildew Fruit Rots	Make first application at flowering. Repeat on a 7 – 10 day interval as required.	7 – 10 days	1 day	12 hr.	700 ml / 1000 L water apply 2200 L water / Ha Do not exceed 3.08 L / Ha / season Do Not Apply by Air
Grapes (wine & fresh)	Grape Vine decline	Apply from dormancy (soon after pruning) to bud break. 2 applications per season.	14-21 days	45 days	12 hr.	2.352 L / Ha In minimum 467.5 L / Ha
Peaches, Nectarines	Brown Rot	Begin application at early signs of blossoming and at a full bloom to ensure adequate protection. Rotate with contact fungicides.	7 – 10 days	1 day	12 hr.	700 ml / 1000 L water apply 3500 L water / Ha Do not exceed 4.9 L / Ha / season Do Not Apply by Air
Plums, Prunes, Cherries	Brown Rot, Black Knot (<i>Dibotryon norbosum</i> syn. <i>Apiosporina morbosa</i>)		7-14 days			
Roses, Ornamentals Outdoor	Black spot Powdery Mildew	Water soil thoroughly with spray solution.	10 – 14 days	NA	12 hr.	700 – 1050 ml / 1000 L water / Ha Do not exceed 3.08 L / Ha / season
Ornamental Prunus sp.	Black Knot (<i>Dibotryon norbosum</i> syn. <i>Apiosporina morbosa</i>)		7-14 days			700 ml / 1000 L Do not exceed 1.4 L / Ha / season
Greenhouse potted ornamentals	Powdery Mildew Botrytis blight Grey mould	Water soil thoroughly with spray solution.	7 days			910 - 1190 ml / 1000 L water / Ha Do not exceed 2.38 L / Ha / season
Greenhouse potted ornamentals	Stem, crown & root rots (09)	Drench or direct spray by ground application to thoroughly soak the growing media through root zone. Note: Senator 50 SC does NOT control Pythium or Phytophthora.	15 days	NA	12 hr.	910 - 1190 ml / 1000 L water / Ha Do not exceed 2.38 L / Ha / season
Potato Seed Piece	Verticillium wilt, Fusarium rot, Seed piece decay, Blackleg	Apply spray solution using standard equipment with calibrated spray nozzle, mounted over a belt which tumbles the seed pieces. Use drying agent if required.	NA	NA	NA	1.4 L in 6.5 L of water Do not exceed rate of 1.4 L of Senator 50SC / 1400 kg. of pieces within 6 hrs of cutting pieces
Sugar Beets	Leaf spot	For exported sugar beets only. Do not use treated sugar beets as fodder or feed in Canada. Alternate treatments with different chemistry.	14 – 21 days	21 days	12 hr.	588 – 784 mL / Ha in sufficient water to ensure coverage Do not apply by air REFER TO LABEL

SENATOR 50SC is compatible with most pesticides. Do not mix with lime or other alkaline materials.
 SENATOR 50 SC® is a registered trademark of Nippon Soda Co.
 Always read and follow label directions