

For Blueberries - Cabrio™ EG Fungicide Delivers Outstanding Anthracnose and Phomopsis Canker Control

Blueberry growers in Canada now have access to a new tool in the battle against yield-robbing diseases. **Cabrio™ EG** is a fast-acting fungicide with a high level of activity on a broad-spectrum of major diseases that threaten yield and quality. The revolutionary new ingredient in **Cabrio EG** fungicide is registered for use on more than 90 crops worldwide to control over 50 diseases.

Blueberry Disease Control

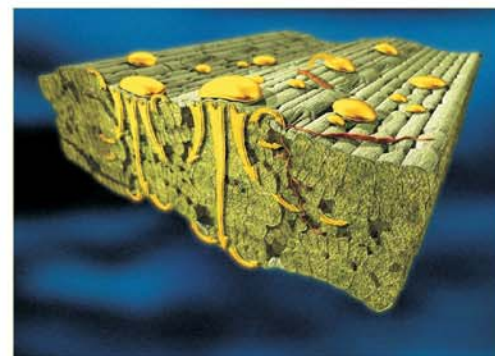
Cabrio EG fungicide is labeled in Canada for control of Anthracnose and Phomopsis. Anthracnose fruit rot is caused by several fungal pathogens belonging to the genus *Colletotrichum*. Fruit symptoms first appear when fruit are ripening and the blossom end of the fruit softens, puckers and gives rise to salmon-colored spores. These sticky spores can spread by splash or post-harvest when fruit are in contact. The fungus can overwinter on twigs and infect blossoms the following spring. Phomopsis canker, caused by the fungus *Phomopsis vaccinii*, can be devastating to bushes planted in low areas where winter injury and spring frosts are a problem. A Phomopsis canker first appears as an elongated, flattened canker with older cankers giving rise to small, pimple-like pycnidia containing conidiospores. The conidiospores are spread by splashing rain throughout the season from budbreak onward. Early symptoms of Phomopsis appear as reddish-brown stem lesions, which subsequently cause wilting of the canes. Phomopsis can closely resemble *Fusicoccum* Canker, which tends to be more systemic through the infected stems, so that careful diagnosis is needed to distinguish these fungi.



Anthracnose spores on fruit, likely caused by early infections during bloom stage.

Mode of Action

Cabrio EG fungicide is a site-specific strobilurin (group 11) fungicide that stops spores as they germinate, preventing them from infecting plant tissue. By interfering with cell respiration and the production of energy, **Cabrio EG** fungicide also causes sensitive fungi to stop growing and die. When product is applied to the leaf it moves rapidly through the leaf to provide 'Dual-sided™' protection against further spread of the disease. **Cabrio EG** is bound tightly in the waxy layer of the leaf and is extremely rainfast shortly after application.



Application

Applications should be made during the critical bloom period when primary infections occur, especially during wet conditions when temperatures are in the 15-27C range, even though typical Anthracnose rot symptoms often don't appear until post-harvest. Applications should be made at 0.4 kg per acre on a 10 to 14 day schedule. Use the shorter under high disease pressure.

Cabrio EG fungicide may be applied up to 1-day prior to harvest in lowbush blueberries. The PHI in highbush berries is 29 days. Re-entry into treated fields can occur after spray residues have dried for all activities except hand-pruning and harvest.

SEE LABEL FOR DIRECTIONS

Resistance Management

In accordance with Best Management Practices, **Cabrio EG** can only be applied twice sequentially before rotating to a different mode of action for at least one application. Do not exceed 4 applications per season. See the label for additional suggestions and consult with your local advisors.

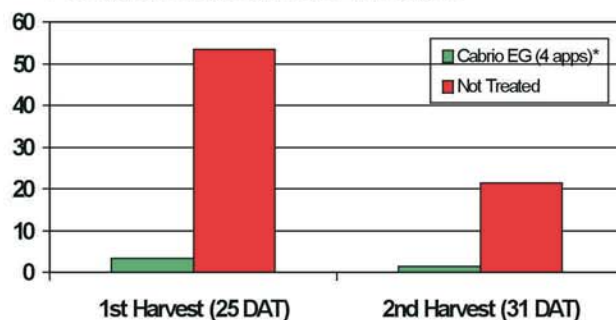
Other Registered Uses

Cabrio EG is also registered in Canada for use in other crops including strawberries, garlic, leek, cucumber, melon, summer and winter squash, pumpkin, eggplant, onion, peppers, peaches, cherries, plums, nectarines, tomatoes and radish.

Packaging

Cabrio EG is formulated as a 20% water dispersible granule that mixes quickly in the spray tank, dispersing the active ingredient throughout the spray solution. Each case consists of 4 x 2.27 kg (5 lb) jugs. One jug will treat 5.6 - 10 acres.

Percent Anthracnose Disease



*Applied at 5-10 %, 95 %, 100 % blossom stage and fruit set (1 kg product / Ha). Assessments conducted after 8 days of storage at ambient temperature (BC 2002)
Source: Agriculture Canada, Agassiz

For additional information on **Cabrio™ EG** fungicide, call

ENGAGE AGRO toll-free at 866-613-3336 or visit the BASF website at www.agsolutions.ca

ALWAYS FOLLOW LABEL DIRECTIONS

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