

# Products



## Inspire® Fungicide

Uses	Application Information	Tank Mixes	Technical Information	Label and MSDS
<p>CROPS</p> <p><b>Inspire is registered for use on the following crops: Pome fruit (Apple, Crab apple, Orienta...</b></p> <p>FOR MANAGEMENT OF <b>Inspire is registered for use on: Pome fruit: Apple scab (all strains) ; Powdery milde...</b></p> <p><a href="#">View more use info</a></p>	<p>Pome fruit: 118 mL /ac Grapes: 118 mL /ac Brassica (cole) leafy vegetables: 147-207 mL /ac Bulb v...</p> <p><a href="#">View more application info</a></p>	<div data-bbox="877 657 1186 755"> </div> <div data-bbox="877 771 1186 868"> </div> <div data-bbox="877 885 1186 982"> </div> <p><a href="#">View more tank-mixes info</a></p>	<p>CHEMISTRY GROUP</p> <p>ACTIVE INGREDIENTS <b>Difenoconazole</b></p> <p>REI: <b>12 hours; see label for more</b></p> <p><a href="#">View more technical info</a></p>	<p>Label <a href="#">Download</a></p> <p>MSDS <a href="#">Download</a></p> <p><a href="#">View more labels</a></p>

## About this Product

Better disease control with new Inspire fungicide

With its innovative active ingredient and highly concentrated liquid formulation, Inspire is a powerful yet convenient tool for the disease-management toolkit of many fruit and vegetable growers.

Inspire fungicide is now registered for control of apple scab - even Strobilurin-resistant strains - plus powdery mildew and more. Choose Inspire as the foundation of your integrated disease management strategy in apples, grapes and other fruit and vegetable crops, too.

### Product Benefits

- Powered by difenoconazole, a more potent triazole.
- Registered for use on more than 100 crops in 96 countries, Inspire is now available in Canada.

## Uses

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Inspire is registered for use on the following crops:

- Pome fruit (Apple, Crab apple, Oriental pear, Pear, Quince)
- Grapes
- Brassica (cole) leafy vegetables [Brassica Head and Stem subgroup: Broccoli, Brussels sprouts, Cauliflower, Cavalo, Chinese Broccoli (gai lon), Cabbage; Chinese cabbage (napa), Chinese mustard cabbage (gai choy), Kohlrabi. Leafy Green subgroup: Broccoli raab, Chinese cabbage (bok choy), Collard, Kale, Mizuna, Mustard greens, Mustard spinach, Rape greens]
- Bulb vegetables [Dry bulb: Onions, bulb, Garlic, Garlic – great-headed (elephant), Shallot Green Onion: Green onions, Leek, Welch onion]
- Cucurbit vegetables [Chayote (fruit), Chinese waxgourd, Citron melon, Cucumber (field), Gerkin, Gourd (edible), Momordica spp., Muskmelons (includes cantaloupe), Pumpkin, Squash – summer (includes zucchini), Squash – winter, Watermelon]
- Fruiting vegetables [Eggplant, Groundcherry – Pepino, Pepper (includes bell pepper, chili pepper, cooking pepper, pimento, sweet pepper), Tomatillo, Tomato]
- Sugar beets
- Artichoke, Chinese Artichoke, Chufa, Jerusalem Canna edible, Potato, Sweet Potato

### For management of

Inspire is registered for use on:

#### Pome fruit:

- Apple scab (all strains)
- Powdery mildew (Suppression)
- Brooks fruit spot
- Cedar apple rust

- Flyspeck
- Quince rust
- Sooty blotch

**Grapes:** powdery mildew

**Brassica (cole) leafy vegetables:** Alternaria blight and powdery mildew

**Bulb vegetables:** purple blotch

**Cucurbit vegetables:** Powdery mildew & Gummy stem blight (Suppression)

**Fruiting vegetables:** Early blight

**Sugar beets:** Cercospora leaf spot & Powdery mildew

**Artichoke, Chinese Artichoke, Chufa, Jerusalem Canna edible, Potato, Sweet Potato:** Early blight

## Application Information

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### Use Rates

**Pome fruit:** 118 mL /ac

**Grapes:** 118 mL /ac

**Brassica (cole) leafy vegetables:** 147-207 mL /ac

**Bulb vegetables:** 147-207 mL /ac

**Cucurbit vegetables:** 207 mL /ac

**Fruiting vegetables:** 118-207 mL /ac

**Sugar beets:** 118-207 mL /ac

**Artichoke, Chinese Artichoke, Chufa, Jerusalem Canna edible, Potato, Sweet Potato:** 118-207 mL /ac

### Application Method

### Application Information

**Apple Scab - Protective Spray Schedule:**

Apply Inspire™ every 7-10 days starting at 1/4 - 1/2 inch green or when environmental conditions become conducive for scab. Continue through petal fall until the threat of primary scab is complete.

**Apple Scab - Curative Spray Schedule:** Use a forecasting system beginning at green tip and consult your local specialist. Apply within 48 hours of the onset of an infection period and follow-up within 7 days with another application.

**Crop Safety**

Do not plant any other crop for a period of 60 days of an Inspire application to the preceding crop unless Inspire is registered for that crop.

## Tank Mixes

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INSPIRE Fungicide can be tank mixed with:

**REVUS Fungicide:**

- Brassica (cole) Leafy Vegetables
- Dry Bulb and Green Onion
- Cucurbit vegetables
- Grapes
- Tomato and tomatilla
- Potatoes

**BRAVO® 500 or BRAVO 720:**

- Broccoli, Brussels Sprouts, Cabbage and Cauliflower
- Onion (Dry bulb and Green bunching)
- Cucurbit vegetables
- Tomatoes
- Potatoes

**MATADOR® 120EC**

- Broccoli, Brussels Sprouts, Cabbage and Cauliflower
- Garlic, Great-headed (elephant) Garlic, Leek, Dry Bulb Onion, Green Onion, Welch Onion and Shallot
- Tomatoes
- Apples and pears

- Potatoes

**VANGARD® 75WG:**

- Grapes
- Apples

**ACTARA® 25WG:**

- Apple, Crab apple, Pear and Oriental Pear

**AGRI-MEK® 1.9% EC Insecticide/Miticide**

- Apples and Pears
- Potatoes

**Dithane DG 75 Fungicide:**

- Apples

**Maestro 80DF Fungicide:**

- Apples and Pears

**Manzate Pro-Stick Fungicide:**

- Apples

**Penncozeb 75DF Fungicide:**

- Apples

**Supra Captan 80WDG:**

- Apples and Pears

**Allegro® 500F Agricultural Fungicide:**

- Potatoes

**ACTARA240SC Insecticide:**

- Potatoes

**FULFILL® 50WG Insecticide:**

- Potatoes

## Technical Information

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**Mode of Action****Activity Profile**

Difenoconazole, the active ingredient in Inspire, is a Group 3 (DMI) fungicide that provides high-level activity at low use rates. It controls various pathogens belonging to the ascomycete, basidiomycete and deuteromycete classes of fungi including leaf spots, powdery mildew, and scab. Inspire stops the production of ergosterol, a primary component in the structure and function of fungal cell membranes. As a result, Inspire prevents the growth of the hyphal "threads" that invade the tissue of plants. Inspire offers both preventative and early curative protection.

**Translaminar Movement**

Inspire is unique among the triazole fungicides in that it exhibits very little systemic movement. Instead it is absorbed rapidly by the leaf and moves quickly from one side of the leaf to the other, protecting both leaf surfaces and providing excellent rainfastness. Once absorbed, Inspire provides both contact and residual protection against disease.

**Resistance Management**

INSPIRE Fungicide is in the Group 3 class fungicides. The mode of action of INSPIRE Fungicide is as a demethylation inhibitor of sterol biosynthesis (DMI) which disrupts membrane synthesis by blocking demethylation. Fungal pathogens can develop resistance to products with the same mode of action when used repeatedly. Because resistance development cannot be predicted, use of this product should conform to resistance management strategies established for the crop and use area. INSPIRE Fungicide should not be alternated or tank mixed with any fungicide to which resistance has already developed. For resistance management, do not apply to plants grown for transplanting purposes.

## Labels & MSDS

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**Label**      [Download](#)

**Description** Fungicide for control or suppression of listed diseases on brassica (cole) vegetables, bulb vegetables, cucurbit vegetables, fruiting vegetables, pome fruit, grapes, potatoes, Chinese artichokes, Jerusalem artichokes, edible canna, chufa, sweet potatoes, and sugar beets.

**Active ingredient** Difenoconazole

**Approved provinces** AB, BC, MB, NB, NF, NS, ON, PE, QC, SK

**Approved crops** Apples, Artichoke, Chinese, Artichoke, Jerusalem, Brassica (cole) leafy vegetables, Brassica vegetables, Broccoli, Broccoli, Chinese, Brussels sprouts, Bulb vegetables, Cabbage, Cabbage, Chinese, Cabbage, Chinese Mustard, Canna, edible, Canola, Cauliflower, Cavalo broccolo, Citron melon, Cole (brassica) crops, Cole crops (various), Crabapples, Cucumber, Cucurbit vegetables, Cucurbits, Eggplant, Fruiting Vegetables, Fruits, pome, Garlic, Garlic, Great Headed, Gherkins, Gourds, edible, Grapes, Green onion, Groundcherries, Kohlrabi, Musk melons, Onions, Onions, bulb, Pears, Pepino, Peppers, Quince, Squash, summer, Squash, winter, Sugar Beets, Tomatoes, Tree & Orchard Crops, Watermelons, Zucchini

**MSDS**

[Download](#)

Disclaimer – ALWAYS read and follow label directions. Please use this information above only as a guideline and not an exact description.