



The miracles of science®

DuPont™ Curzate® fungicide

Keep your crops running smoothly



DuPont™ Curzate® fungicide for control of Late blight in Potatoes and Downy mildew in Onions and Garlic.

- ▶ enhanced crop protection,
- ▶ easy to use
- ▶ excellent resistance management tool

Curzate® gives enhanced crop protection

- **Rapid penetration** into the plant starting only 10 minutes after application to give **fast acting disease control** and rainfastness after 2 hours
- **Translaminar and systemic movement** within the plant ensures **excellent redistribution in the leaves giving effective protection** from Downy mildew and Late blight
- **Robust three way disease control**
 - o **Preventive action** – **stops spores from germinating** if there is an infection period
 - o **Curative action** or ‘kick-back’ activity – **stops the establishment of lesions** and allows the use of Curzate® post infection but prior to symptoms becoming visible.
 - o **Inhibitive action** – by inhibiting lesion development and sporulation (the number of spores being produced) **the spread of disease in the field is reduced**
- **Induces a natural defence** called ‘Hypersensitive host response’ – Curzate® alerts the host plant to pathogen presence and induces the plants natural defence mechanism. The plant then works against the **disease arresting further fungal growth**. The result is death of infected cells and the pathogen.

Curzate® is easy to use

- **Water dispersible granule (WG)** – quality formulation that mixes easily
- **Flexible application timing** – use at any stage of the crop cycle when fungicides would normally be used
- **Low use rates** – less product to transport

Curzate® represents an affordable way to strengthen your preventative program when mixed with Mancozeb

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Curzate® an excellent resistance management tool

- A complex multi-site activity reduces the risk of resistance (no resistance has been documented in over 30 years of use around the world)
- Active against fungi resistant to other classes of fungicides such as Phenylamides ie metalaxyl
- To avoid resistance developing we recommend the following
 - o DO NOT apply Curzate® more than 5 times in a season
 - o Maximum of 3 applications in succession
 - o Always tank mix with a protectant fungicide such as Mancozeb

Curzate® should always be applied prior to symptoms appearing on the plant – either a preventive or curative manner.

Curzate® is not designed to be used after disease symptoms have appeared on the plant or a post symptom eradicator fungicide, as it will only slow the progression of the disease.

DIRECTIONS FOR USE

CROP	DISEASE	RATE g/ha	CRITICAL COMMENTS
Potatoes	Late blight	160 - 180	Tank mix with Mancozeb at the recommended label rates. Apply immediately after an infection period (but before disease symptoms occur) and repeat at 7 - 10 day intervals. Use alternative fungicides at other times. Use the higher rate under extreme conditions (warm with high humidity). DO NOT apply more than 3 times in succession nor more than 5 times per season.
Onions, Garlic	Downy mildew	180 - 252	Tank mix with Mancozeb at the recommended label rates. Always use in a programme with suitable alternative fungicides. Begin spraying at the 2 true leaf stage and continue on a 7 - 10 day schedule during periods of high disease pressure. Use the higher rate under extreme conditions. DO NOT apply more than 3 times in succession or more than 5 times per season.

Withholding Periods: Garlic, Onions, Potatoes – DO NOT harvest for 14 days after application

Rainfast: 2 hours after application

Pack Size: 2 kg

CROP PROTECTION TERRITORY MANAGERS

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