



\*UK only. Republic of Ireland authorisation pending.

## Product profile

Fenomenal is a fungicide with protectant and systemic activity against soil-borne *Phytophthora* infections of outdoor and protected strawberries.

Active substances	60 g/kg fenamidone + 600 g/kg fosetyl-aluminium
Formulation	Water dispersible granule (WDG)
Pack size	1 kg
Maximum individual dose	Dip, drench or drip irrigation: 3 kg/ha Foliar spray: 4.5 kg/ha
Maximum number of applications	2 per year including only 1 foliar spray
Latest time of application	35 days before harvest
Water volume	See specific application sections
LERAP	B

*Phytophthora* species can kill or greatly reduce the vigour, quality and productivity of strawberry plants. Early treatment with a fungicide is essential in high-risk situations as treatments are most effective in a preventative regime.

Good cultural practice, particularly with respect to soil moisture management, can offset the need for fungicide treatment or be used as part of an integrated approach to keep these diseases at bay. Plants in regularly saturated soils are at highest risk of infection.

If the crop is intended for processing consult the processor before use.

## Diseases controlled

Outdoor and protected strawberries

*Phytophthora cactorum*\* – crown/collar rot

\*moderate control with spray application

## Key advantages

- ▶ Flexible application timing
- ▶ Built-in resistance management
- ▶ Stimulates plants' natural defence mechanisms
- ▶ Promotes root growth

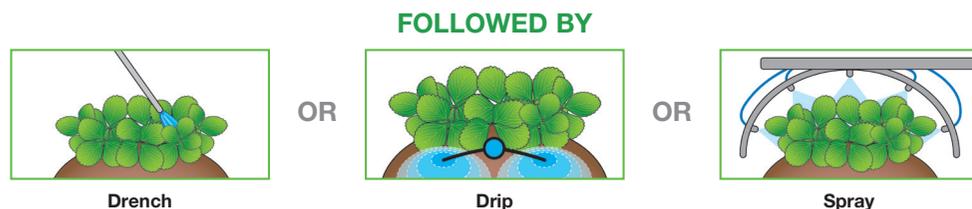
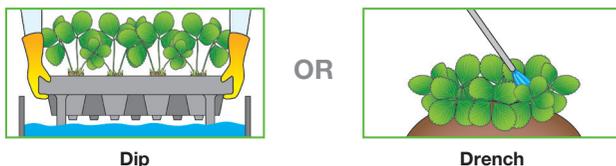
## Mixing

Ensure that the sprayer, applicator or mixing vessel is clean and set to give the correct volume of application and even coverage. Half fill with water and then add the recommended quantity of Fenomenal. Add the rest of the water, mix thoroughly and ensure continuous agitation. Diluted product must be used on the day of mixing.

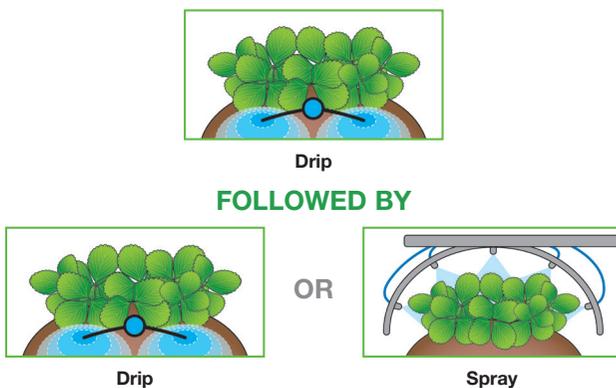
## Application

Fenomenal may be applied to strawberries as a pre-transplantation dip, post-transplantation drip, drench or foliar spray. Maximum number of applications is 2 per year – including a maximum of only 1 foliar spray per year – using any of the following treatment sequences:

### A. Starting with dip or drench treatment

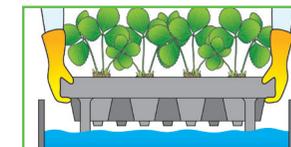


### B. Starting with drip treatment



### Dip Treatment

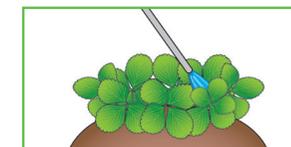
Fenomenal may be applied as a pre-transplantation dip treatment to traditional and refrigerated 'Frigo' transplants.



- ▶ Prepare a dip solution containing 150 g of Fenomenal per 100 litres of water in a suitable vessel, allowing 50 ml of diluent per plant.
- ▶ Hose down dirty plants before dipping.
- ▶ Dip all roots of runners for 15 to 20 minutes.
- ▶ After dipping allow to dry then plant immediately.
- ▶ Prepare a fresh solution every day or earlier if it becomes too dirty.
- ▶ If necessary top up the dip solution with 150 g Fenomenal per 100 litres of water.
- ▶ 100 litres treats approximately 2,000 runners, depending on cleanliness of the plants.
- ▶ The maximum rate of product per crop must not exceed 3 kg/ha per year which is equivalent to 40,000 plants/ha treated at the above rate.

### Drench Treatment

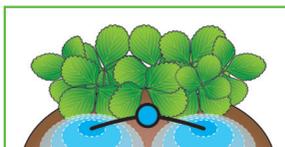
Fenomenal may be applied as a post-transplantation drench treatment to traditional or refrigerated 'Frigo' transplants.



- ▶ For best results thoroughly saturate the growing medium before application.
- ▶ For 'Frigo' plants, cropping in year of planting: 2 weeks after planting prepare a drench solution of 75 g of Fenomenal per 100 litres of water and drench each plant with 100 ml of diluent.
- ▶ For traditional plantings, planted in the previous autumn: As above and a second application may be made in the following spring at re-growth.
- ▶ The maximum rate of product per crop must not exceed 3 kg/ha per year which is equivalent to 40,000 plants/ha treated at the above rate.

## Drip Treatment \*UK only. Republic of Ireland authorisation pending.

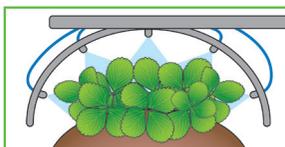
Fenomenal may be applied as a post-transplantation drip treatment to traditional or refrigerated 'Frigo' transplants.



- ▶ When applying by trickle irrigation systems, Fenomenal should either be diluted in a bulk tank or through an injector type diluter. Refer to equipment manufacturer's guidance for use of equipment.
- ▶ For 'Frigo' plants, cropping in year of planting: 2 weeks after planting, run through the irrigation system at a rate of 75 g of Fenomenal per 100 litres of water.
- ▶ For Traditional plantings, planted in the previous autumn: As above and a second application may be made in the following spring at re-growth.
- ▶ The maximum individual application rate of product for post-transplantation drip irrigation treatment must not exceed 3kg product/ha.
- ▶ Two drip irrigation applications are permitted per year.

## Spray Treatment

Fenomenal may be applied as a post-transplantation spray treatment to traditional or refrigerated 'Frigo' transplants.



- ▶ For 'Frigo' plants, cropping in year of planting: 2 weeks after planting Fenomenal may be applied as a foliar spray at a maximum individual dose of 4.5 kg product/ha. Use a high water volume – 1,000 to 2,000 L/ha – to ensure thorough penetration to the crowns of the plants.
- ▶ For traditional plantings, planted in the previous autumn: As above and a second application may be made in the following spring at re-growth.
- ▶ Avoid spraying within 5 m of the field boundary to reduce effects on non-target insects or other arthropods.
- ▶ Apply as a medium quality spray as defined by BCPC. For spray application to strawberries the spray boom and water volume should be set for good penetration of the crop, to ensure protection of the crowns of the plants. High water volumes should be used as recommended.
- ▶ The maximum rate of product per crop must not exceed 4.5 kg product/ha per year i.e. 1 foliar application per year.

## Resistance management

Apply fungicides according to manufacturers' recommendations for the target disease (or complex) at the specific crop growth stage indicated. Effective disease management is a critical factor in delaying the build-up of resistant pathogen populations. Fenomenal is best used preventatively and should not be relied on for its curative potential.

Fenomenal is a mixture of two fungicides with different modes of action. Fenamidone belongs to the imidazolinone class of chemistry and inhibits mitochondrial respiration (Qo-I type mode of action). Fosetyl-aluminium belongs to the phosphonates class of chemistry whose precise mode of action is currently unknown. Fosetyl-aluminium penetrates the plant and acts against spore germination, mycelial development and sporulation.

Use Fenomenal as part of an Integrated Crop Management (ICM) strategy incorporating other methods of control including where appropriate other fungicides with a different mode of action. Use of fungicides with different modes of action has been shown to protect against the development of resistant forms of disease.

Fenomenal contains fenamidone and fosetyl-aluminium. Fenomenal is a registered trademark of Bayer.

**Use plant protection products safely.**  
**Always read the label and product information before use.**  
**Pay attention to the risk indications and follow the safety precautions on the label. For further information, please visit [www.bayercropscience.co.uk](http://www.bayercropscience.co.uk) or call Bayer Assist on 0845 6092266 (Calls cost 5p per minute plus your telephone company's network access charge) or 01223 226644**  
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