Romeo®









FUNGICIDE: Systemic Resistance Inducer for a range of foliar fungal diseases; downy mildew, powdery mildew and *Botrytis*.

fargro®



Romeo delivering results

Romeo is a biofungicide containing the active ingredient Cerevisane. The active ingredient is a purified extract of the yeast, *Saccharomyces cerevisiae* Strain LAS117. Cerevisane induces internal preventative plant defence mechanisms against key foliar diseases.

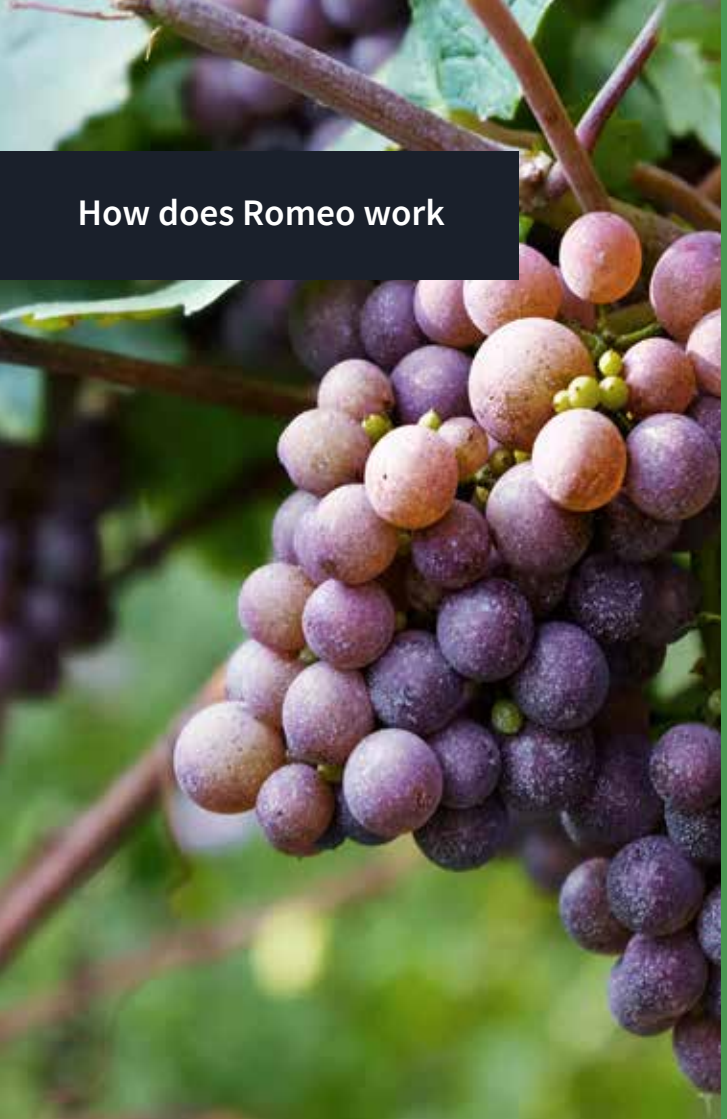
Romeo's mode of action works by activating the physical and biochemical defence mechanisms in a plant.
Romeo is approved for use under permanent protection with full enclosure for the control of *Botrytis* on aubergine, strawberry and tomato. Powdery mildew on cucumber and other named cucurbits and for downy mildew on lettuce. Romeo is also approved for use outdoors for the control of key foliar diseases on table and wine grapes.

Romeo is an innovative biopesticide that makes an excellent addition to an IPM programme. Within an IPM programme Romeo can help manage resistance, increase the time between applications in a spray programme and reduce the build-up of residues in a crop.



Why use Romeo

- A new way to control downy mildew, powdery mildew and *Botrytis.*
- Use to increase spray programme performance.
- Can be applied alone or in a programme.
- Use for resistance management.
- No phytotoxicity has been observed.
- Compliant in organic systems.
- No residues.



How does Romeo work

Romeo acts as a host plant defence inducer and has no direct effect on plant pathogens.

Cerevisane mimics a microbial attack on the plant. Activating a signalling cascade, inducing genes linked to plant defence mechanisms.

Notably upregulating the salicylic acid pathway, which protects against powdery mildews, and the jasmonic acid and ethylene pathways protecting against necrotrophic pathogens such as *Botrytis*. Metabolic change in the plant results in the stimulation of phytoalexins (antimicrobial compounds) and strengthens the cell walls and leaf cuticle.

Efficacy lasts for 7-10 days and is effective after 1 day.

EAMU NO	CROP	PEST OR DISEASE
20211443	Permanent protection with full enclosure and outdoor crops of: baby leaf, basil, bay, chives, coriander leaves, cress, endive, herbs (others), lamb's lettuce, lettuce, mint, oregano, parsley, rocket, rosemary, sage, spinach, tarragon and thyme.	*Botrytis cinerea*, powdery mildew and downy mildew.
20211455	Outdoor, protected and permanent protection with full enclosure ornamental plant production.	*Botrytis cinerea*, powdery mildew and downy mildew.
20211449	Protected and outdoor crops of: bilberry, blackberry, blackcurrant and redcurrant, blueberry, cranberry, gooseberry, loganberry and Rubus.	*Botrytis cinerea*, powdery mildew and downy mildew.





Romeo defends against a range of foliar fungal disease

Botrytis
Aubergine, Strawberry, Tomato and Grapevine.

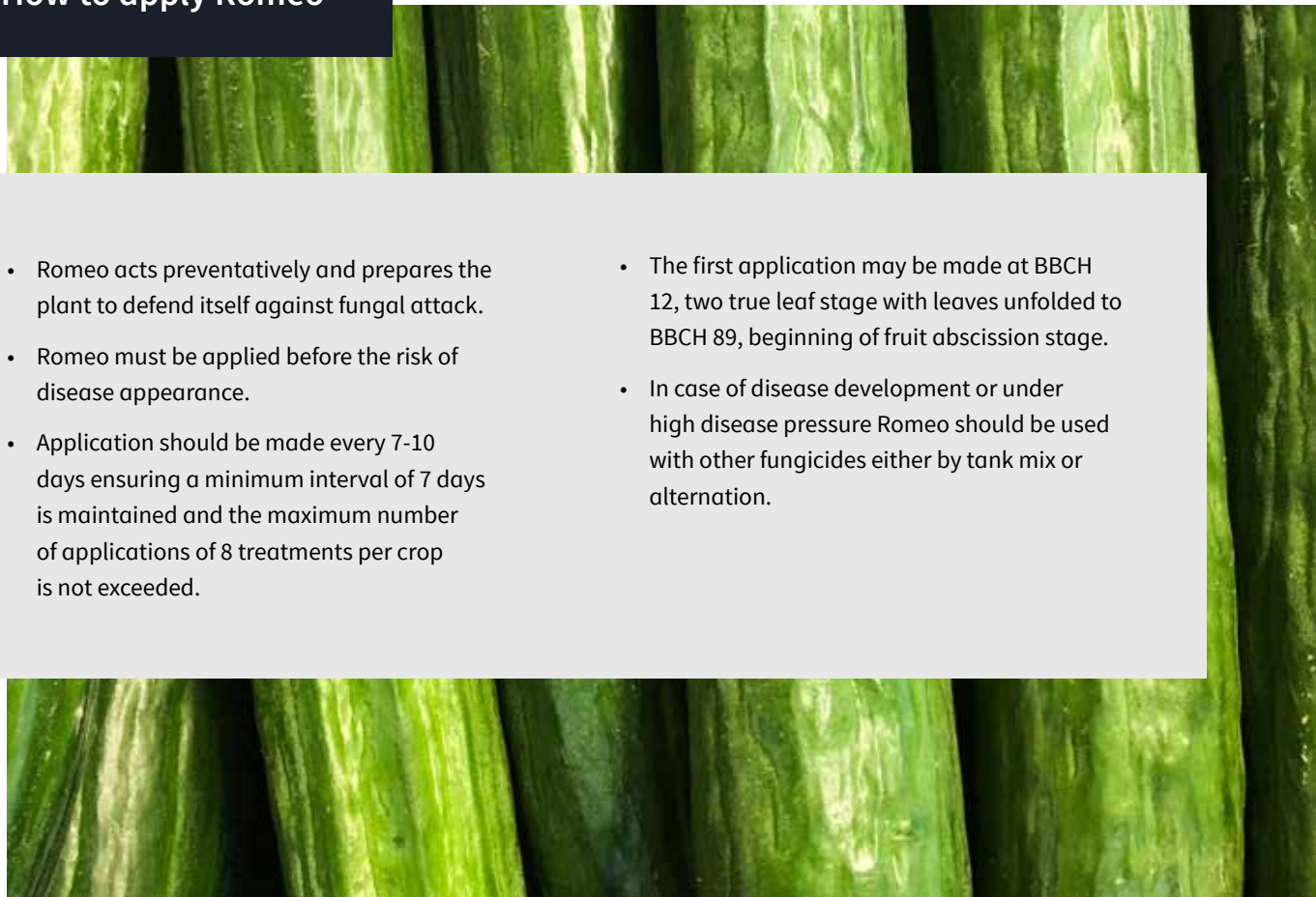
Powdery Mildew
Courgette, Cucumber, Gherkin, Melon, Pumpkin, Summer Squash, Watermelon, Winter Squash and Grapevine.

Downy Mildew
Lettuce and Grapevine.

Foliar disease
Can damage plant growth by significantly reducing the photosynthetic potential of a plant.

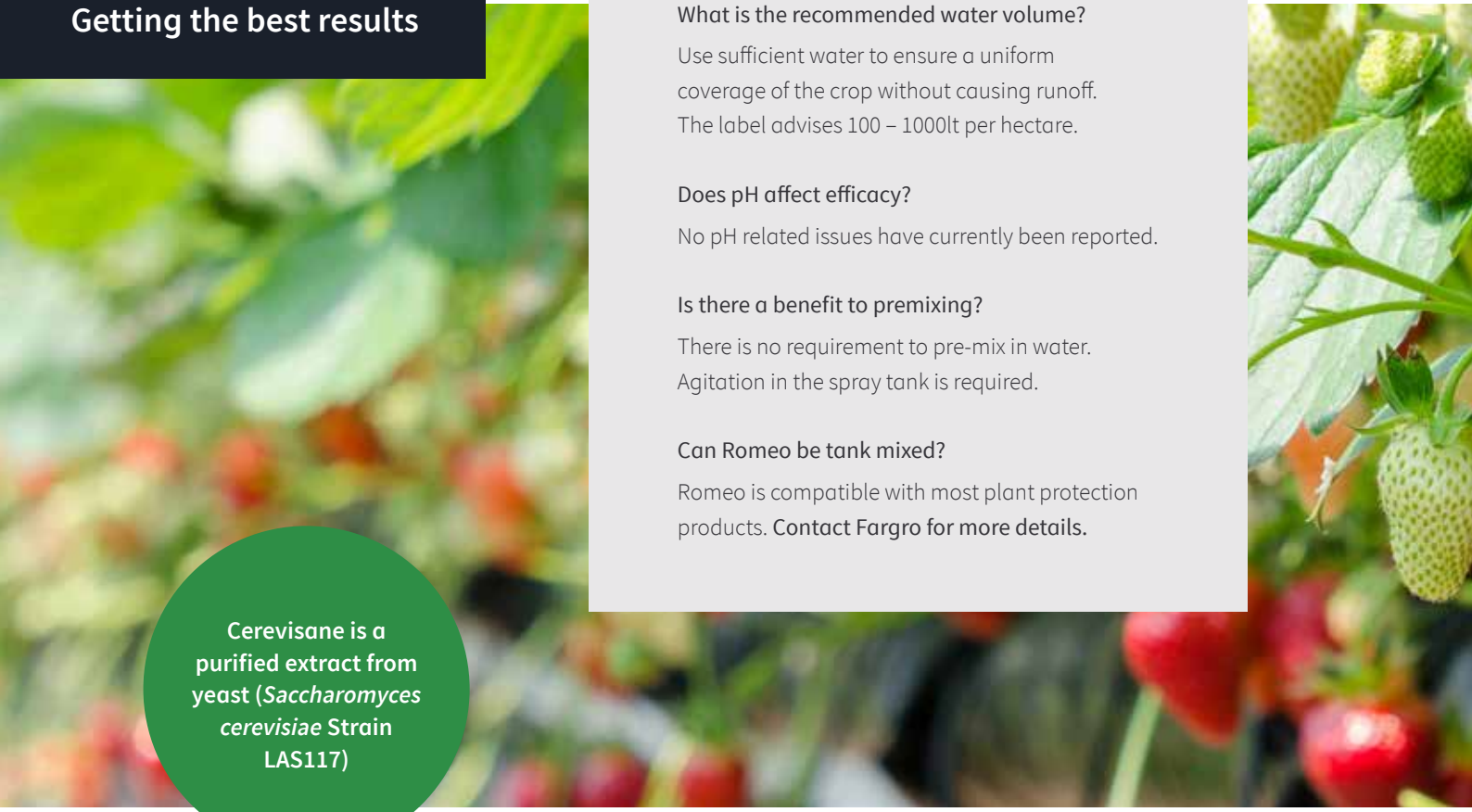
Over time this reduction in photosynthesis will weaken the plant affecting yield and potentially leading to death.

How to apply Romeo



- Romeo acts preventatively and prepares the plant to defend itself against fungal attack.
- Romeo must be applied before the risk of disease appearance.
- Application should be made every 7-10 days ensuring a minimum interval of 7 days is maintained and the maximum number of applications of 8 treatments per crop is not exceeded.
- The first application may be made at BBCH 12, two true leaf stage with leaves unfolded to BBCH 89, beginning of fruit abscission stage.
- In case of disease development or under high disease pressure Romeo should be used with other fungicides either by tank mix or alternation.

Getting the best results



What is the recommended water volume?

Use sufficient water to ensure a uniform coverage of the crop without causing runoff. The label advises 100 – 1000lt per hectare.

Does pH affect efficacy?

No pH related issues have currently been reported.

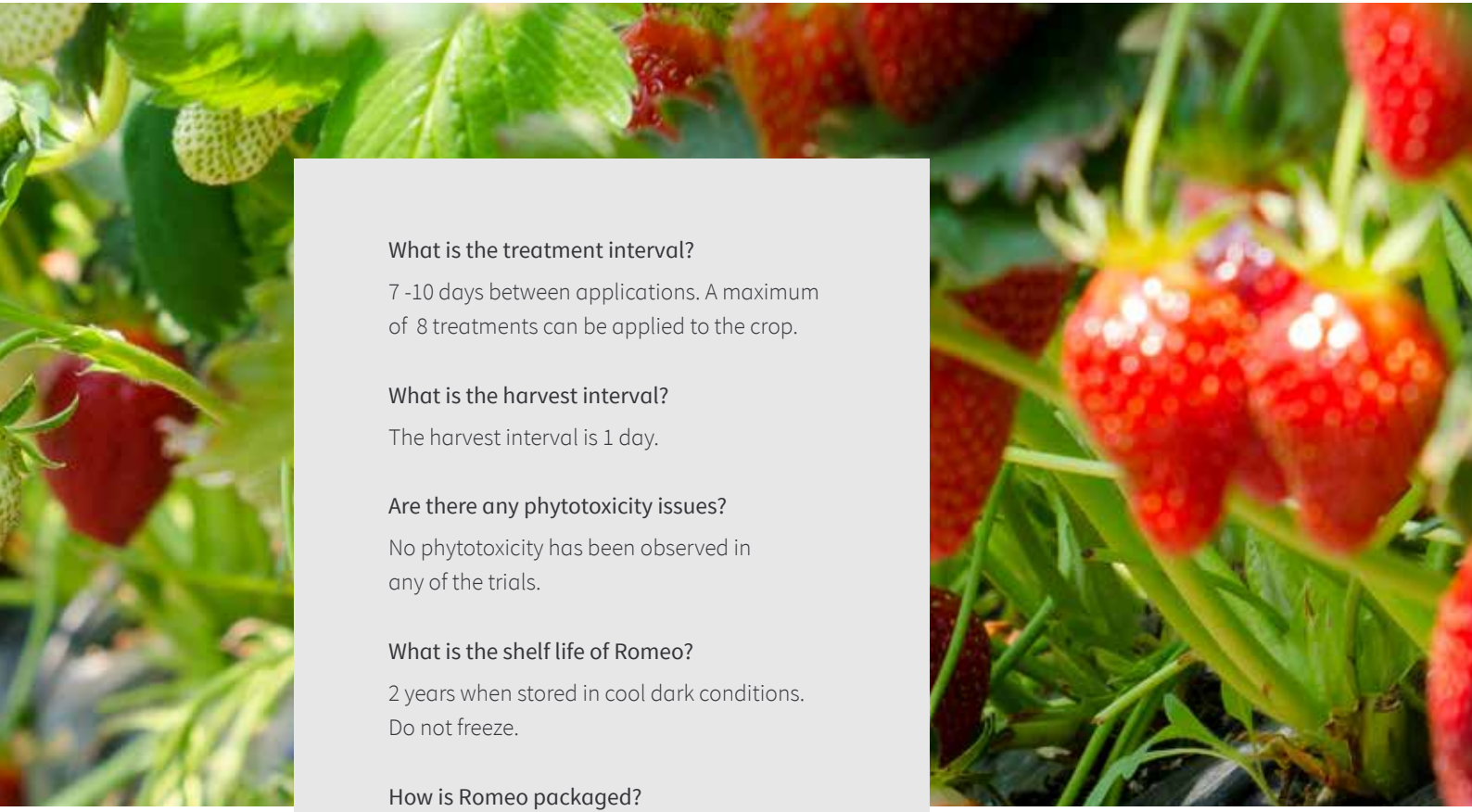
Is there a benefit to premixing?

There is no requirement to pre-mix in water. Agitation in the spray tank is required.

Can Romeo be tank mixed?

Romeo is compatible with most plant protection products. **Contact Fargro for more details.**

Cerevisane is a purified extract from yeast (*Saccharomyces cerevisiae* Strain LAS117)



What is the treatment interval?

7 -10 days between applications. A maximum of 8 treatments can be applied to the crop.

What is the harvest interval?

The harvest interval is 1 day.

Are there any phytotoxicity issues?

No phytotoxicity has been observed in any of the trials.

What is the shelf life of Romeo?

2 years when stored in cool dark conditions. Do not freeze.

How is Romeo packaged?

Romeo is packed in 1kg plastic containers.



Making Romeo part of your IPM programme

- Romeo works preventatively.
- Romeo should form part of an IPM programme.
- Use prediction models to know when is best to apply the product.
- Use Romeo to enhance your spray programme by increasing time between applications.
- Apply at 7 – 10-day intervals up to a maximum of 8 times to a crop.

#supportthegrower

IPM programme for disease control

Monitoring

Crop walk weekly.

Romeo

Preventative application to induce plants natural defence mechanisms.



Hygiene

Maintain excellent levels throughout the year.

Technology

Make use of new technology to predict and prevent disease.

Environmental

Ensure conditions are not conducive to disease development.

Romeo®

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www.agrauxine.com

MAPP : 19170
Active Ingredient : 94.1% Cerevisane
Formulation Type : Wettable powder
Pack Size : 1kg
Application Method : Foliar Spray
Application Rate : 0.25 - 0.75kg in 100-1000 l/hectare
Crops : Aubergine, strawberry and tomato, cucumber and other named cucurbits, table and wine grapes (outdoor)
Control : *Botrytis*, powdery mildew, downy mildew and other fungal diseases.

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USE PLANT PROTECTION PRODUCTS SAFELY. ALWAYS READ THE LABEL AND PRODUCT INFORMATION BEFORE USE. FURTHER PRODUCT INFORMATION INCLUDING WARNING PHRASES AND SYMBOLS ARE INCLUDED IN THE PRODUCT LABEL. THE INFORMATION PRESENTED HERE SHOULD NOT BE USED TO GUIDE THE USAGE OF THIS PRODUCT. PLEASE REFER TO THE PRODUCT LABEL AND TECHNICAL NOTES AVAILABLE FROM FARGRO.

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By Appointment
To Her Majesty The Queen
Horticultural Sundriesmen