



Biofungicide: A microorganism-based fungicide for the control of various foliar diseases in a range of crops

fargro® **syngenta**

Taegro delivering results

Taegro is a microorganism based fungicide formulated as a wettable powder containing 130 g/kg *Bacillus amyloliquefaciens* strain FZB24 (13% w/w minimum of 1×10^{13} cfu/kg).

MAPP - 19204

Taegro defends against disease in three key ways

- Production of antimicrobial metabolites
- Competition on leaf surfaces
- Enhanced plant resistance

Taegro suppresses diseases on Cucurbits, Solanaceae, lettuce and strawberry in permanent protected situations and on grapevine outdoors.





Why use Taegro?

- Partner in disease management programme
- Good environmental profile
- Harmless to beneficial insects and pollinators
- Broad-spectrum disease suppression
- Low dose rate
- Good partner in resistance management
- No issues with phytotoxicity
- Fit for organic programme

Q&A

Application rate

Apply at a rate of 0.37 kg/ha in a water volume of 180 – 1000 L/h.

Maximum number of applications

A maximum of 12 applications per crop under permanent protection full enclosure, and a maximum of 10 applications per year for outdoor crops.

Harvest interval

Latest time of application is 1 day before harvest.

Do I need an adjuvant?

Trials suggest applying Taegro with an adjuvant is beneficial to control.

What is Taegro's persistence?

Taegro will persist on leaves in greenhouse conditions for a maximum of 2 weeks. It is reasonable to assume this would be considerably reduced outdoors.

Is Taegro organic?

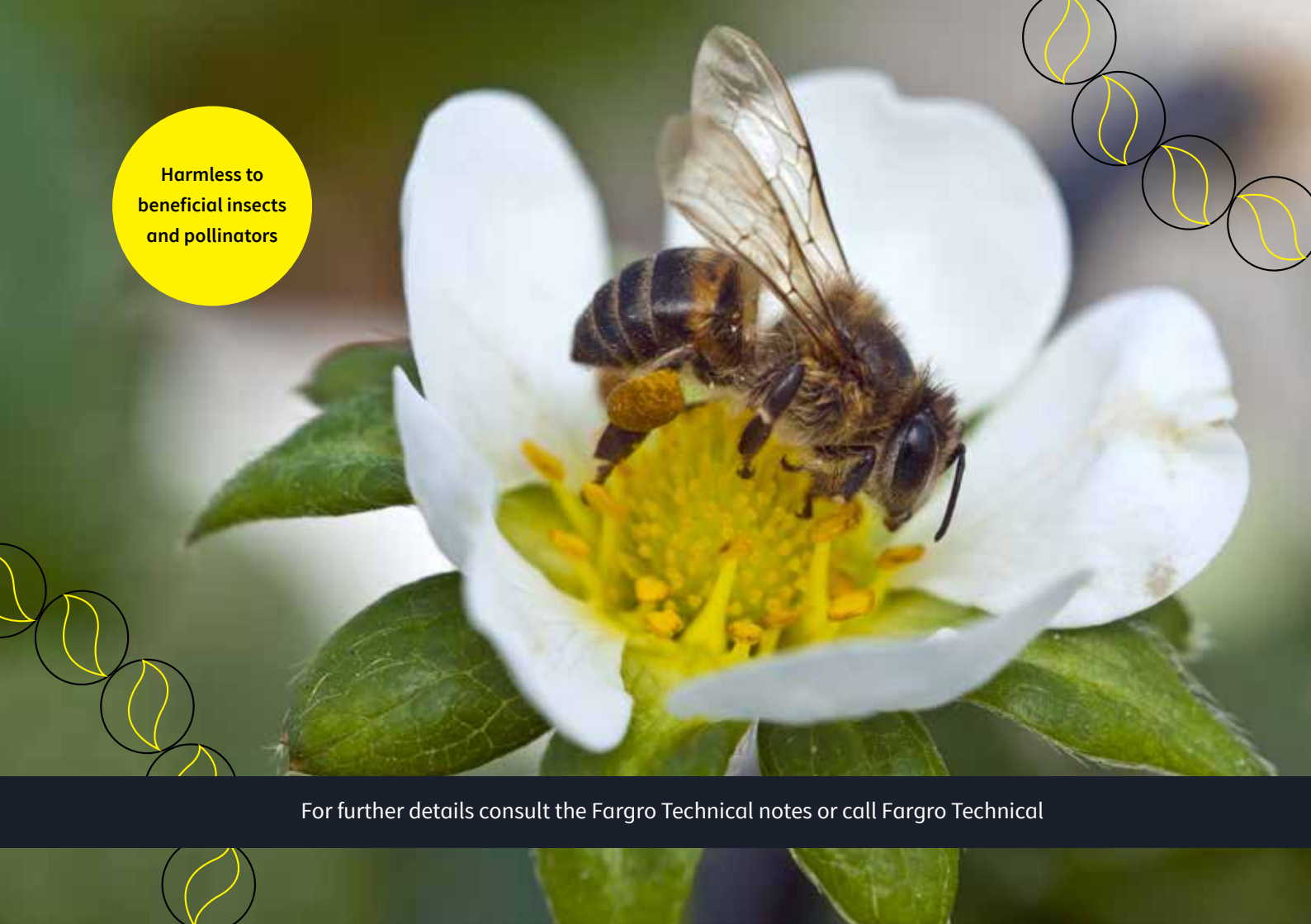
Taegro is fit for organic programmes.

What effect does Taegro have on beneficial insects?

Trials have shown Taegro has no statistically significant effects on beneficial insect populations.

Trials show no effect through insect stages of development.

Please call Fargo Technical for more details



Harmless to
beneficial insects
and pollinators

For further details consult the Fargo Technical notes or call Fargo Technical



How to apply Taegro

- Taegro must be pre-mixed thoroughly with water to ensure a properly distributed suspension
- Taegro must be tank mixed in water at a pH range between 5-8.
- It is recommended to pre-mix the required amount of Taegro in a container with 2-5lt of water. Add half of the water required to the tank and begin agitation
- Slowly empty the pre-mix into the tank
- When the suspension is thoroughly mixed, add the remaining water
- Keep the mixture in constant agitation in the spray tank prior to application
- Apply the contents of the entire suspension within a few hours of mixing, do not leave in direct sunlight



Discover through augmented reality the effect Taegro has on your crops!

- Download Taegro App from the App Store
- Open the App
- Hold you phone camera over the Taegro Markers on this page
- Discover through augmented reality the effect Taegro has on your crops over a 10 week period



Controls

Taegro is labelled for a range of foliar diseases across several crops

- Powdery mildew on cucurbitaceae
- Downy mildew on lettuce
- Powdery mildew and Early blight on solanaceae
- Grey mould on strawberry
- Grey mould and powdery mildew on grapevine



Mode of Action


- Competition on plant surface
- Enhanced plant resistance
- Production of antimicrobial metabolites





Storage

To ensure Taegro remains effective during storage here are some simple tips for storage

- Store Taegro in its original container at an ambient temperature in a dry place
 - Storing at lower temperature is not necessary but doing so will not affect Taegro
 - Use prepared sprays straightaway and do not store diluted product
 - Taegro has a shelf-life of 36 months at room temperature
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IPM Programme for disease control

Biopesticide control

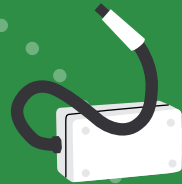
Applications of IPM compatible products such as Taegro.



Integrated Pest Management Programme

Monitoring

Crop walk weekly. Base controls on disease pressure.



Environmental control

Apply timely and appropriate irrigation. Control airflow and manage plant spacing.



Hygiene

Maintain excellent hygiene levels throughout the year.



MAPP No: 19204

Active ingredient: 130 g/kg *Bacillus amyloliquefaciens* strain FZB24
(13% w/w, minimum of 1×10^{13} cfu/kg)

Formulation type: Wettable powder (WP)

Application method: Foliar spray

Application rate: 370 g/h

Crops: Aubergine, courgette and summer squash, cucumber, lettuce, melon,
pepper and chilli, strawberry, tomato, watermelon (permanent protection with full enclosure),
table grapes (outdoor), wine grapes (outdoor)

Control: Downy Mildew, Powdery Mildew, Early blight, grey mould

Pack size: Pack size 375g available in outers of 10. Safety data sheet available on request.

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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 IS INCLUDED IN THE PRODUCT LABEL. THIS BOOKLET IS NOT A MANUAL AND 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 FOR UP-TO-DATE RECOMMENDATIONS.

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Distributed in the UK by Fargro Ltd. Syngenta Ltd

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Safety data sheet available on request.



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By Appointment
To Her Majesty The Queen
Horticultural Sundriesmen