

Technical Information Sheet

Zorvec Enicade –the strongest foundation for your late blight programme

Key facts

Product Registration Number:	MAPP 18370
Active Ingredient:	100 g/l oxathiapiprolin – new mode of action
Pack size:	Agronomy Pack: 1L Zorvec Enicade + 2 x 1L Gachinko – treats 6.67 ha
Formulation:	Oil Dispersion
Application Rate:	Zorvec Enicade 150ml/ha + Gachinko 300ml/ha
Maximum No. of Applications:	4 per season, maximum of 3 in a block
Water Volume:	Minimum 200 L/ha
MRL:	0.01 = no detectable residue
PHI:	7 days
Buffer Zone:	No buffer zone

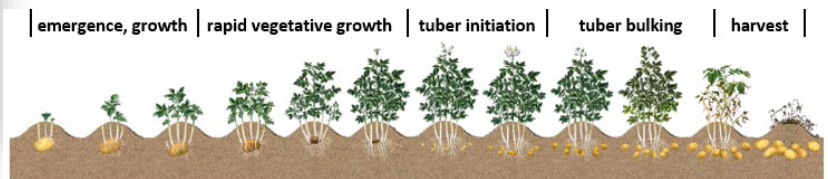
Managing late blight in 2019. What has changed?

- UK late blight becoming ever more aggressive
 - 37_A2 and 36_A2 establishing alongside 13_A2 and 6_A1
- New strains of *Phytophthora infestans* show decline in sensitivity to some established AIs
 - Fewer AIs available for your blight programme
- Dry 2018 and mild winter mean greater volunteer population in other crops
 - A larger reservoir for *P. infestans* in the arable rotation
- Increased home saved seed in some varieties.
 - Greater potential for stem blight foci in your emerging crop

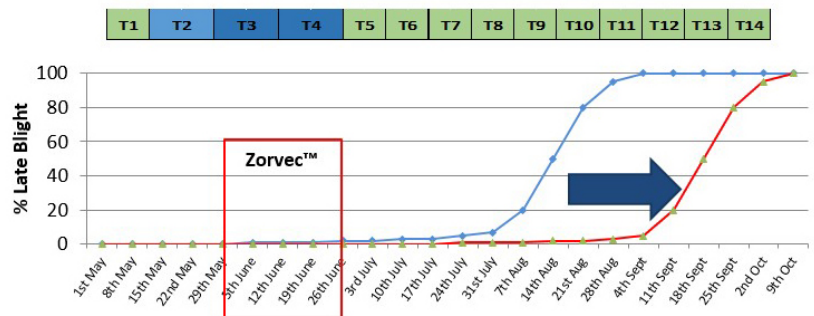
Proven as the most effective AI vs late blight will ensure a clean start to your blight programme



- Get the best from Zorvec:- Apply 2 x Zorvec Enicade + Gachinko at Rapid Canopy stage on a 10 day interval to get the best from Zorvec in your programme



- This leaves up to 2 further Zorvec applications for use in the stable canopy phase of your programme to further strengthen your programme



Visit us at corteva.co.uk

USE PLANT PROTECTION PRODUCTS SAFELY. Always read the label and product information before use.

For further information including warning phrases and symbols refer to label.

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Zorvec Enicade® contains oxathiapiprolin, Gachinko contains amisulbrom.

May 2019

Zorvec Enicade: the complete blight fungicide

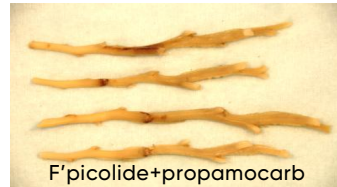
New chemical group FRAC Group 49

- AI: Oxathiopiprolin
- Effective against all existing strains of late blight (*P. infestans*)
- NO cross resistance with existing groups
- Strongly preventative
 - Sporangia/zoospore germination
 - Zoospore release
- Curative
 - Kills hyphae and haustoria within plant tissue
- Movement into new growth
 - Within leaf through waxes and xylem
 - Onto expanding shoots and leaves PLUS new growth
- Stem blight activity
 - Through movement within leaf/stem waxes

Zorvec + Gachinko Agronomy Pack 2019



- Agronomy Pack:
 - 1L Zorvec Enicade + 2x1L Gachinko
- Application Rate:
 - Zorvec Enicade 150ml/ha + Gachinko 300ml/ha
- Area Treated / Pack: 6.67 ha



Stems were inoculated with *P. infestans* and treated post infection with each fungicide. Chlorophyll was removed using a solvent. This allows stem blight to become visible in stems where they are often masked by colouring. Zorvec is clearly the most effective in controlling stem blight.

- Persistent - Offers the opportunity of 10 day spray interval
 - Even during Rapid Growth Phase of crop
- Rainfast
 - At least as rainfast as the best current standard

SRUC Trials 2018 - Maintained canopy structure under extreme late blight pressure



Zorvec Enicade Stewardship

- Zorvec Enicade label states "must be tank mixed with a late blight fungicide with a different MoA"
- The Zorvec Enicade is supplied with a suitable mixing partner.
- Applying these products together meets the legal obligation on the Zorvec label to apply with an alternative mode of action for the purposes of resistance management.