Zorvec Entecta™

FUNGICIDE

Technical Information Sheet

IRELAND

Zorvec Entecta™ – a strong foundation for your late potato blight programme.

Key facts

Product Registration Number:	PCS No. 06766
Active Ingredient:	240 g/l amisulbrom + 48 g/l oxathiapiprolin (FRAC Group 21 + 49 Fungicides)
Formulation:	Suspension-emulsion (SE)
Pack Size:	1 litre - treats 4 ha (outer 10 x 1litre)
Application Rate:	0.25 l/ha, maximum total dose 1.0 l/ha
Maximum No. of Applications:	2025 New Best Advice: 20% of programme - Max 3 per crop
Minimum Interval Between Applications:	7 days
Water Volume:	Minimum 200 l/ha
MRL:	0.01 = no detectable residue
Buffer Zone:	Respect a 4 m aquatic buffer zone to surface water courses
Rainfastness:	As least as rainfast as the best current standard

Managing late blight. What has changed?

- Late blight is becoming ever more aggressive.
- *P. infestans* is becoming more challenging, with new strains exhibiting resistance to different chemical groups (MoA) in the fungicide armoury, making the inclusion of robust resistance management across the programme a key part of managing potato late blight.
- A decline in the number of approved active ingredients available to growers makes resistance management more challenging. Making use of as many chemical groups as possible becomes ever more important in a robust late blight programme.
- Under the routine monitoring programme for resistance in late blight to OSBPI fungicides (Zorvec), Corteva have confirmed resistance within the late blight population to Zorvec in a number of discrete locations in Northern Europe. Fight Against Blight (FAB), has provided a good picture of the late blight population across the UK and Ireland, which has broadly given assurance that manufacturer 'best practice' for fungicide use has been effective in maintaining the status quo. However, two late season FAB samples provided a warning that continuing adherence to best practice is key to maintaining fungicide efficacy and a robust blight programme.

To reduce the potential risk within the UK and Ireland, Corteva have issued the following application advice for the potato ware crop:

- Apply Zorvec Entecta in strict alternation with effective chemistry of a different mode of action, other than a QiI (amisulbrom, cyazofamid).
- The post-Zorvec application interval to the following non-Zorvec containing spray should not exceed 7 days.
- In curative situations (disease evident or confirmed in local area), Zorvec co-formulations should be applied in tank-mix with a partner fungicide containing a curative active ingredient e.g. cymoxanil or propamocarb.
- Sprays containing Zorvec should not exceed 20% of the total number of sprays applied to a crop.
- 2 sprays per crop if the expected programme is less than 15 sprays.
- A single crop should not receive more than 3 sprays containing Zorvec products.

For seed crops (incl home-saved seed) the following must also be observed:

- Zorvec applications must always be applied with a full rate of a curative fungicide e.g. cymoxanil.
- A single crop should not receive more than 2 sprays containing Zorvec products and these 2 sprays should not exceed 20% of the total late blight programme.

For further information, visit us at corteva.ie

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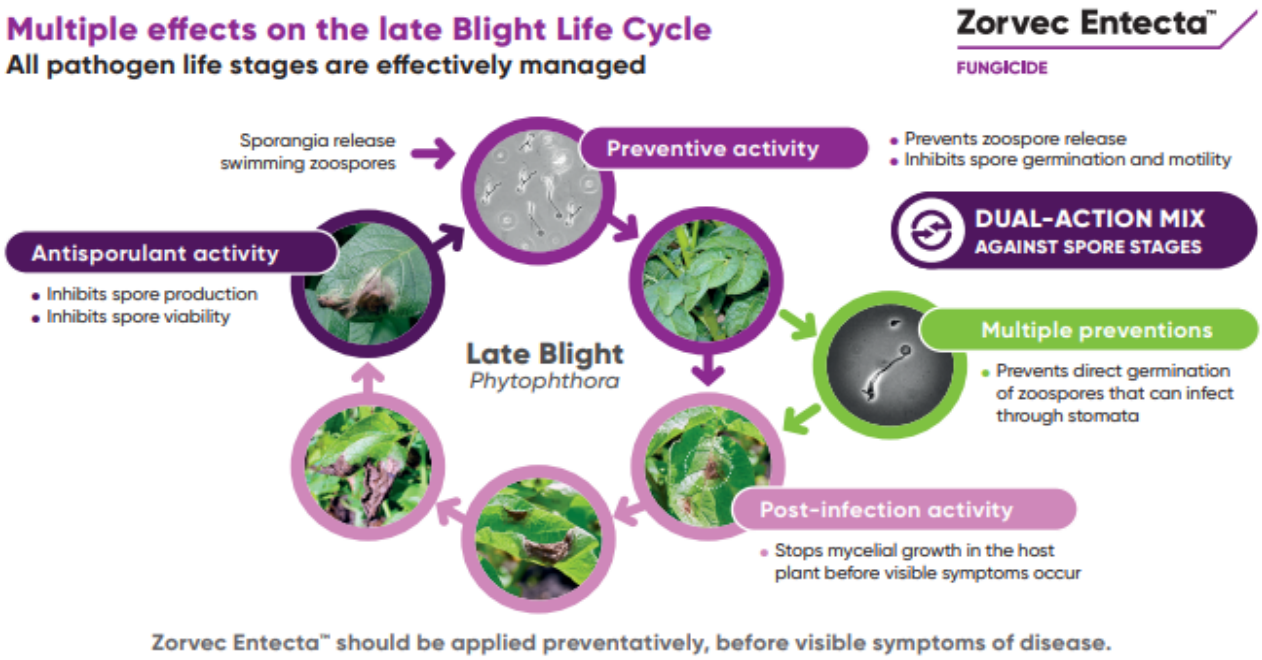
Zorvec Entecta™ contains amisulbrom and oxathiapiprolin.

April 2025 – this version supersedes all previous versions

CORTEVA™ agriscience

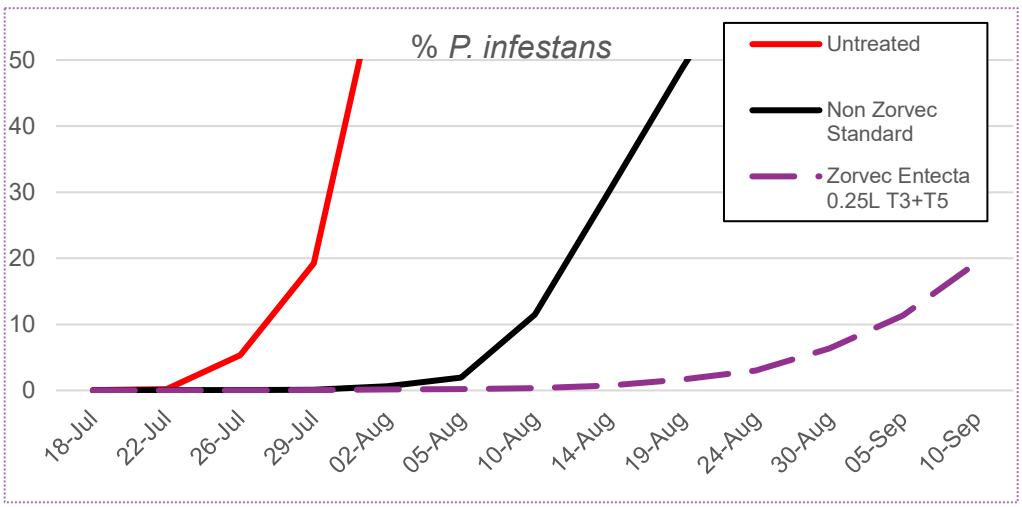
Zorvec Entecta: the complete blight fungicide

- **Contains new chemical group FRAC Group 49**
  - AI: Oxathiopiprolin
  - NO cross resistance with existing groups
- **Movement into new growth**
  - Within leaf through waxy layer and xylem
  - Onto expanding shoots and leaves PLUS upwards into new growth
- **Strongly preventative**
  - Sporangia/zoospore germination
  - Zoospore release
- **Curative**
  - Kills hyphae and haustoria within plant tissue
- **Stem blight activity**
  - Through movement within leaf/stem waxy layer
- **Persistent - Offers robust control throughout a 7-day spray interval**
  - Even during Rapid Growth Phase of crop
- **Equivalence**
  - 0.25 l/ha Zorvec Entecta contains the same amount of oxathiapiprolin as 0.4 l/ha Zorvec Endavia



Zorvec trials in 2024 show it remains proven as an effective a.i. against late blight *P. infestans*

Management Programmes 2024: RSK ADAS, Lampeter



Conclusions

- Persistent, systemic and curative activity showed true worth under severe pressure (Aug/Sept).
- Zorvec 'Bonus' benefit is seen in Stable Canopy phase from application in Rapid Growth phase 1-3 weeks depending on disease pressure.