# SAFETY PRECAUTIONS

# Operator protection

Engineering control of operator exposure must be used where reasonably practicable in addition to the following personal protective equipment:

Operators must WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) AND SUITABLE PROTECTIVE GLOVES when handling the concentrate.

However, engineering controls may replace personal protective equipment if a COSHH assessment shows that they provide an equal or higher standard of protection.

#### Environmental protection

Do not contaminate water with the product or its container. Do not clean application equipment near surface water. Avoid contamination via drains from farmyards and roads.

To protect aquatic organisms, respect an unsprayed buffer zone distance to surface water bodies in line with LERAP requirements.

DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within 5 m of the top of the bank of a static or flowing water body, unless a Local Environment Risk Assessment for Pesticides (LERAP) permits a narrower buffer zone, or within 1 m of the top of a ditch which is dry at the time of application. Aim spray away from water.

This product qualifies for inclusion within the Local Environment Risk Assessment for Pesticides (LERAP) scheme. Before each spraying operation from a horizontal boom sprayer, either a LERAP must be carried out in accordance with CRD's published guidance or the statutory buffer zone must be maintained. The results of the LERAP must be recorded and kept available for three years.

Dangerous to bees. To protect bees and pollinating insects do not apply to crop plants when in flower. Do not use where bees are actively foraging. Do not apply when flowering weeds are present.

#### Storage and disposal

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.
KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place.
KEEP OUT OF REACH OF

CHILDREN. EMPTY CONTAINER

COMPLETELY and dispose of safely.

DO NOT RE-USE CONTAINER

for any purpose.

Protect from frost

2 7 9 0 6 2

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MANDATORY REQUIREMENT: THIS AREA MUST BE BLANK (for 2D Data Matrix, Lot Nr., Manufacturing Date ...)





# **Zorvec Entecta**™

# **FUNGICIDE**

Trademarks of Corteva Agriscience and its affiliated companies.

GROUP

21

49 FUNGICIDES

Product Registration Number: MAPP No. 20856

ZORVEC ENTECTA is a suspension emulsion formulation containing 240 g/L amisulbrom and 48 g/L oxathiapiprolin for the control of late blight in potatoes.

The (COSHH) Control of Substances Hazardous to Health Regulations may apply to the use of this product at work.

# **READ DIRECTIONS FOR USE ON ATTACHED LEAFLET**

# **Authorisation Holder:**

Corteva Agriscience UK Limited

CPC2 Capital Park, Fulbourn, Cambridge, Cambridgeshire. CB21 5XE.

Telephone: (01462) 457272

For Technical Enquiries Call: +44 (0)800 6898899 or email: ukhotline@corteva.com

24 Hour Emergency Telephone Number: 0161 884 1235

National Poisons Information Service: 111

**NET CONTENTS: 1 LITRE (2)** 



#### ZORVEC ENTECTA

Contains 240 g/L amisulbrom and 48 g/L oxathiapiprolin

#### UFI: 19UA-KONQ-Y006-Q8NV







# WARNING

### May cause an allergic skin reaction Suspected of causing cancer

Very toxic to aquatic life with long lasting effects
Obtain special instructions before use.

Avoid breathing dust / fume / gas / mist / vapours / spray.

Wear protective gloves / protective clothing / eye protection / face protection

IF exposed or concerned: Get medical advice / attention.
IF ON SKIN: Wash with plenty of soap and water.

Dispose of contents / container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste. Contains reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one. May produce an allergic reaction.

To avoid risks to human health and the environment, comply with the instructions for use.

### IMPORTANT INFORMATION

FOR USE ONLY AS AN PROFESSIONAL FUNGICIDE

Crop	Max. Individual Dose	Max. No. of applications	Latest time of Application
Potato	0.25 L	4 per crop	Berries in the first fructification shrivelled, seed dark (BBCH 89) and/or Pre-Harvest Interval of 7 days (see Other Specific Restriction 4)

### Other specific Restrictions:

- (1) This product must not be applied via hand-held equipment.
- (2) Use in sequence of no more than 3 consecutive applications, or in alternation with a different mode of action fungicide.
- (3) The total number of applications of Zorvec Entecta must not exceed 4 applications per crop.
  (4) A minimum interval of 7 days must elapse between application and initial haulm destruction and/or harvest, whichever comes first.

READ THE LABEL BEFORE USE. USING THIS PRODUCT IN A MANNER THAT IS INCONSISTENT WITH THE LABEL MAY BE AN OFFENCE. FOLLOW THE PRINCIPLES OF GOOD PLANT PROTECTION PRACTICE

# DIRECTIONS FOR USE

IMPORTANT: This information is approved as part of the Product Label. All instructions within this section must be read carefully in order to obtain safe and successful use of this product.

SHAKE BEFORE USE

# RESTRICTIONS

Use in sequence of no more than 3 consecutive applications, or in alternation with a different mode of action fungicide. A minimum interval of 7 days between applications must be observed.

Avoid application to any crop suffering from stress as a result of drought, waterlogging, low temperatures, nutrient or lime deficiency or other factors reducing crop growth.

# DISEASE CONTROL

ZORVEC ENTECTA can be applied between BBCH21-89. Apply preventively before first visible signs of disease, using a 7 to 10-day spray interval. Use short interval in case of high disease pressure.

ZORVEC ENTECTA should be used as part of a season long programme of correctly timed sprays commencing before disease infection. When used as a preventative treatment, ZORVEC ENTECTA gives control of late blight (*Phytophthora infestans*). Products from the same chemical group with similar mode of action to oxathiapiprolin must not be applied for more than 1/3 of total applications in the season, or 3 to 4 applications depending on the crop, whichever is the more restrictive.

According to Good Agricultural Practice, ZORVEC ENTECTA should be applied on dry foliage.

Use sufficient water to obtain thorough, uniform crop coverage.

Apply preventatively before the first visible signs of disease in the crop. Commence treatment with ZORVEC ENTECTA at the first blight warning or when local weather conditions are favourable for disease development. Applications should be repeated at 7-10 day intervals depending on disease pressure. As disease pressure increases, the interval should be shortened.

# RESISTANCE

The mode of action of oxathiapiprolin, one of the active ingredients in ZORVEC ENTECTA, is novel and has been assigned the FRAC code 49. Oxathiapiprolin inhibits an oxysterol binding protein (OSBP) homologue.

Amisulbrom, the other active **ingredient**, is a Qil-fungicide (Quinone inside Inhibitors). This group is considered to be medium to high risk for resistance (FRAC group 21).

Repeated use of products for control of specific plant pathogens may lead to the selection of resistant strains of fungi and result in a reduction of disease control. A disease management program that includes rotation and/or applying mixtures of fungicides with different effective modes of action is essential to reduce the risk of fungicide resistance development.

The maximum number of recommended applications of ZORVEC ENTECTA for each crop should not be exceeded.

ZORVEC ENTECTA should be used preventatively and incorporated into spray programmes that include effective fungicides with differing modes of action.

- Exposure to ZORVEC ENTECTA (or any other FRAC 49-containing product) should not exceed thirty-three percent (33%) of the total period of protection needed per crop.
- When three (3) or more fungicide applications are made, use ZORVEC ENTECTA (or any other FRAC 49-containing product) in no more than 33% of the total number of fungicide applications with a maximum of four (4) applications per crop. Where less than three (3) fungicide applications are made, make no more than one (1) application of ZORVEC ENTECTA (or any other FRAC 49-containing product).
- Apply FRAC 49-containing products no more than three (3) times in sequence before applying a fungicide with a
  different mode of action.
- Where a fungicide with a different mode of action follows ZORVEC ENTECTA (or any other FRAC 49-containing product) application(s), this fungicide preferably should have curative activity.

There will be no more than six applications of oxathiapiprolin per year on the same acreage, targeting the same pathogen.

For guidance on a particular crop and disease control situation, consult your agronomist, crop protection specialist or Corteva Agriscience.

In areas where the agronomic risk is very high (e.g., continuous potato or cucurbit cropping) and resistance has already been reported, further restrictions to the number of consecutive applications are recommended.

Please refer to Fungicide Resistance Action Committee (FRAC) guidelines for further details and always ensure good resistance management practice is followed to reduce the incidence of resistance developing.

### MIXING

Spraying equipment should be thoroughly cleaned before spraying. ZORVEC ENTECTA mixes easily with water and should be added directly to the spray tank during filling. Wash

out container and add washings to the spray tank. Continue agitation until spraying is complete.

# WATER VOLUME AND APPLICATION

Apply ZORVEC ENTECTA in 200-300 L water/hectare using a MEDIUM quality spray (as defined by BCPC) to give good even coverage of the crop.

Non-printed area on page 2 ONLY (on the back of «Label A-code + Barcode area»)

# **COMPATIBILITY**

ZORVEC ENTECTA is compatible with a range of fungicides and insecticides.

For details on compatibilities contact your distributor or Corteva technical hotline on +44 (0) 800 689 8899 or ukhotline@corteva.com

Non-printed area on page 2 ONLY (on the back of 2D code area printed on the front page)

### SPRAY TANK CLEANING

Immediately after application, completely drain spray equipment.

Thoroughly rinse sprayer and flush the hoses, boom nozzles with clean water.

Loosen and physically remove visible deposits.

Remove and clean nozzles, screens and strainers.

Flush the entire system twice with clean water.

Take all necessary safety precautions when cleaning equipment.

Do not clean near wells or water sources.

Consult label tank cleanup procedures for all tank-mix partners and be sure to use the most rigorous procedure recommended.

Dispose of waste rinse water in accordance with local regulations.

## COMPANY ADVISORY INFORMATION

The following information does not form part of the product label under the UK plant protection products regulations and provides additional advice on product use at the discretion of Corteva Agriscience.

# TRADEMARK ACKNOWLEDGEMENTS

ZORVEC ENTECTA is a trademark of Corteva Agriscience and its affiliated companies.

All other brand names are trademarks of other manufacturers for which proprietary rights may exist.

# CORTEVA AGRISCIENCE CONDITIONS OF SUPPLY

All goods supplied by us are of a high grade and we believe them to be suitable for any purpose for which we expressly supply them, but as we cannot exercise control over their mixing or use, all conditions and warranties statutory or otherwise, as to the quality or fitness for any purpose of our goods are excluded and no responsibility will be accepted by us for any damage or injury whatsoever arising from their storage, handling, application or use.

Since the occurrence of resistance cannot be forecast, neither Corteva Agriscience nor its distributors can accept responsibility for any loss or damage to crops caused by the failure of ZORVEC ENTECTA to control resistant strains.

To access the Safety Data Sheet for this product scan the QR code or use the weblink below:



https://www.corteva.co.uk/content/dam/dpagco/corteva/eu/gb/en/files/sds/ZORVEC-ENTECTA-SDS.pdf

Alternatively contact your supplier

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**CORTEVA**agriscience



# **Zorvec Entecta**<sup>™</sup>

# **FUNGICIDE**

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GROUP

21

49 FUNGICIDES

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**NET CONTENTS: 1 LITRE**  ←