

# VINKENO

AN EMULSIFIABLE CONCENTRATE CONTAINING 160 G/L  
PROTHIOCONAZOLE AND 300 G/L SPIROXAMINE.

**FOR PROFESSIONAL USE ONLY**

A fungicide for the control of stem-base, foliar and ear diseases in winter and spring wheat, durum wheat, winter rye, triticale and winter and spring barley and oats.

#### Authorisation holder & Marketing Company:

**Rainbow Agrosociences Europe, S.A.U.**

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#### PROTECT FROM FROST

#### STORE IN A COOL DRY PLACE

In the event of emergency, call the National Poisons Information Centre, Beaumont Hospital at 01 809 2166 or 01 837 9964\*

UFI:PWDO-T0TM-100A-12YJ

Batch number:

Date of Manufacture:

**Rainbow**  
all about growing



#### VINKENO

CONTAINS: 300 G/L SPIROXAMINE, 160 G/L PROTHIOCONAZOLE AND N,N,- DIMETHYL DECANAMIDE



#### WARNING

HARMFUL IF SWALLOWED OR IF INHALED.  
CAUSES SKIN IRRITATION.  
CAUSES SERIOUS EYE IRRITATION.  
MAY CAUSE RESPIRATORY IRRITATION.  
SUSPECTED OF DAMAGING THE UNBORN CHILD.  
MAY CAUSE DAMAGE TO ORGANS (EYES) THROUGH PROLONGED OR REPEATED EXPOSURE.  
VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.

WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION.  
CALL A POISON CENTRE OR DOCTOR/PHYSICIAN IF YOU FEEL UNWELL.  
PROTECT FROM SUNLIGHT.  
DISPOSE OF CONTENTS/ CONTAINER TO A LICENSED HAZARDOUS WASTE DISPOSAL CONTRACTOR OR COLLECTION SITE EXCEPT FOR TRIPLE RINSED EMPTY CLEAN CONTAINERS WHICH CAN BE DISPOSED OF AS NON-HAZARDOUS WASTE.

**TO AVOID RISKS TO HUMAN HEALTH AND THE ENVIRONMENT, COMPLY WITH THE INSTRUCTIONS FOR USE.**  
CONTAINS SPIROXAMINE AND PROTHIOCONAZOLE. MAY PRODUCE AN ALLERGIC REACTION.

PCS NO. 07191

## IMPORTANT INFORMATION

### FOR USE ONLY AS AN AGRICULTURAL FUNGICIDE

Crops	Max individual dose L/ha	Max number of treatments	Latest time of application
WINTER AND SPRING WHEAT, DURUM WHEAT, WINTER RYE, TRITICALE	1.25	2 per season	Before caryopsis watery ripe stage (GS 71)
WINTER AND SPRING BARLEY AND OATS	1.25	2 per season	Beginning of flowering (GS 61)

**Other specific restrictions:** There must be a 14 day interval between treatments.

Method of application: Tractor mounted/trailed horizontal sprayer.

A spray pressure of 2-3 bar is recommended. Apply as a medium spray quality.

Apply VINKENO in 100-300 litres water per hectare. The higher spray volumes are recommended where the crop is dense or disease pressure / risk is high to ensure good penetration to the lower leaves and stem bases. Disease control may be compromised by reducing water volumes, where good spray coverage is difficult to achieve.

PCS No. 07191

### READ ALL INSTRUCTIONS CAREFULLY BEFORE USE.

#### SAFETY PRECAUTIONS

##### Operator Protection

Avoid contact with skin.

Keep unprotected workers out of treated areas for at least 5 days after treatment.

##### 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 of 5 m to surface water bodies. Spray must be aimed away from water.

##### Storage and Disposal

DO NOT RE-USE CONTAINER for any purpose.

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDINGSTUFFS.

Keep out of reach of children.

RINSE CONTAINER THOROUGHLY by using an integrated pressure rinsing device or manually rinsing three times.

Add washings to sprayer at time of filling and dispose of safely.

PROTECT FROM FROST

STORE IN A COOL DRY PLACE.

READ ALL INSTRUCTIONS CAREFULLY BEFORE USE.

#### DIRECTION FOR USE

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

**VINKENO** is a mixture of a triazolothione and spiroketoalamine fungicide recommended for control of a wide range of diseases on winter and spring barley, winter and spring oats, winter and spring wheat, durum wheat, triticale and winter rye.



	WHEAT	BARLEY	OATS	TRITICALE	RYE
EYESPOT ( <i>OCULIMACULA SPP.</i> )	R	R	R	R	R
SEPTORIA LEAF BLOTCH ( <i>MYCOSPHAERELLA GRAMINICOLA</i> )	MC	-	-	MC	MC
GLUME BLOTCH ( <i>STAGONOSPORA NODORUM</i> )	MC	-	-	-	MC
POWDERY MILDEW ( <i>BLUMERIA GRAMINIS</i> )	C	C	C	C	C
YELLOW RUST	C	C	-	C	-
BROWN RUST	MC	C	-	C	C
CROWN RUST	-	-	C	-	-
TAN SPOT	MC	-	-	-	-
NET BLOTCH	-	C	-	-	-
<i>FUSARIUM</i> EAR BLIGHT	MC	MC	-	MC	MC
SOOTY MOULDS	R	R	-	R	R
<i>RHYNCHOSPORIUM</i> LEAF BLOTCH	-	C	-	C	C
C=CONTROL MC=MODERATE CONTROL R=RESISTANT					

## DISEASES CONTROLLED

Eyespot (*Oculimacula spp.*)

Spray in the spring at the first sign of disease, from when the leaf sheaths begin to become erect until the 2nd node is detectable [GS 30-32].

Septoria Leaf Blotch and Glume Blotch (*Mycosphaerella graminicola* and *Stagonospora nodorum*)

Apply before disease is established in the crop. To protect the upper leaves and ear apply VINKENO at full flag leaf emergence [GS 37] up to mid-flowering [GS 65]. Where disease pressure remains high application may be repeated.

Applications to upper leaves where *S. tritici* symptoms are present are likely to be less effective.

Take all precautionary measures to reduce the selection pressure for insensitive Septoria tritici strains (e.g. tank mix with product having a different mode of action which is active against Septoria.). Consult your adviser for up to date guidance regarding current resistance status and a strategy for preventing and managing resistance in the cereal pathogens listed on the label.

The Fungicide Resistance Action Committee (FRAC) produces recommendations that may be consulted for additional information.

Powdery Mildew (*Blumeria graminis*)

Apply VINKENO at the first signs of disease. Where disease pressure remains high application may be repeated.

Yellow Rust (*Puccinia striiformis*)

Brown Rust (*Puccinia recondita* and *P hordei*)

Crown Rust (*Puccinia coronata*)

Apply VINKENO at the first signs of disease. A second application may be made 2-3 weeks later if re-infection occurs.

Applications made to established infections are likely to be less effective.

Tan Spot (*Pyrenophora tritici-repentis*)

Apply VINKENO at the first signs of disease in spring or early summer. Where disease pressure remains high application may be repeated.

#### Ear Disease Complex

Apply VINKENO soon after ear emergence until the end of flowering (GS 59-69). Control of ear diseases can result in cleaner, brighter ears.

#### Leaf Blotch (*Rhynchosporium commune*)

Apply VINKENO in spring at the first signs of disease. For severe infections a second application may be necessary 2-3 weeks later.

#### Net Blotch (*Pyrenophora teres*)

Apply VINKENO at the first signs of disease in spring/early summer. For severe infections, a second application 2-3 weeks later will give most effective control when conditions remain favourable for disease development.

#### RESISTANCE STRATEGY

Repeated application of VINKENO alone should not be used on the same crop against a high risk pathogen such as cereal powdery mildew. Tank mixtures or alternation with fungicides having a different mode of action have been shown to protect against the development of resistant forms of disease.

Take all precautionary measures to reduce the selection pressure for insensitive *Septoria tritici* strains (e.g. tank mix with product having a different mode of action which is active against *Septoria*). Consult your adviser for up to date guidance regarding current resistance status and a strategy for preventing and managing resistance in the cereal pathogens listed on the label. The Fungicide Resistance Action Committee (FRAC) produces recommendations that may be consulted for additional information.

**CAUTION:** The possible development of disease strains resistant to VINKENO cannot be excluded or predicted. Where such resistant strains occur, VINKENO is unlikely to give satisfactory control.

#### CROP SPECIFIC INFORMATION

VINKENO may be used on all commercial varieties of winter and spring wheat, durum wheat, winter rye, triticale, winter and spring barley and winter and spring oats.

#### Mixing

Thoroughly shake the pack before use.

Add the required quantity of VINKENO to the half-filled spray tank with the agitation system in operation and then fill to the required level. Continue agitation at all times during spraying and stoppages until the tank is completely empty.

Spray immediately after mixing.

#### General

Sprayers should be thoroughly cleaned with water and detergent after use, and filters and jets checked for damage and blockages.

Boom height should be adjusted to ensure even coverage of the crop, particularly at later growth stages. The correct height is one at which the spray from alternate nozzles meets just above the crop, in dense crops, at later growth stages, higher water volumes should be used.

Spray equipment should be thoroughly cleaned with water and detergent after use.