

Navura®

A systemic fungicide for the control of a range of foliar, stem and ear diseases in winter and spring cereals.

An emulsifiable concentrate containing 50 g/litre (5.0% w/w) mefenitriluoconazole and 100 g/litre (9.85% w/w) prothioconazole

Risk and Safety Information

Danger

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye damage.

May cause respiratory irritation.

Toxic to aquatic life with long lasting effects.

Avoid breathing mist/vapours/spray.

Wear protective gloves/clothing and eye/face protection.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE or doctor/physician.

Store in a well-ventilated place. Keep container tightly closed. Protect from sunlight.

Dispose of contents/container to a licensed hazardous waste disposal contractor or collection site except for triple rinsed empty containers which can be disposed of as non-hazardous waste.

To protect aquatic organisms respect an unsprayed buffer zone of 5m to surface water bodies.

Contains a solution of methacrylate-based polymer. May cause an allergic reaction.

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

PCS No. : 07453



® = Registered trademark of BASF

UFI : PS5K-87PD-800P-EPGP

Supplied by:

BASF Ireland DAC, 4th and 5th Floors,
2 Stockport Exchange, Railway Road, Stockport,
SK1 3GG, UK Telephone: 00 44 (0)161 475 3000

Emergency Information (24 hours freephone):
0049 180 227 3112

Technical Enquiries: 0044 (0)845 602 2553
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Authorisation holder:
BASF plc, 4th and 5th Floors,
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FOR USE ONLY AS A PROFESSIONAL FUNGICIDE, as directed below:

Crops	Maximum individual dose (l product/ha)	Maximum no. of applications	Maximum total dose per crop (l product/ha)	Latest time of application	Aquatic buffer zone distance (metres)
Barley, durum wheat, rye, spelt, triticale, wheat	1.5	-	1.5	Up to and including flowering anthesis just complete (BBCH 69)	5

READ ALL PRECAUTIONS BEFORE USE.**PCS No. : 07453****PRECAUTIONS**

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS), SUITABLE PROTECTIVE GLOVES AND FACE PROTECTION (FACESHIELD) when handling the concentrate.

WHEN USING DO NOT EAT, DRINK OR SMOKE.

IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY with plenty of water and seek medical advice.

IF YOU FEEL UNWELL, seek medical advice immediately (show the label where possible).

This product must not be applied via hand-held equipment.

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.

STORAGE

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.

KEEP OUT OF REACH OF CHILDREN.

KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place, away from sources of heat.

DO NOT RE-USE CONTAINER FOR ANY PURPOSE.

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 container safely.

Store in a suitable pesticide store. Keep dry and protect from frost.

For professional use only.

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.

Navara is a systemic fungicide with protectant and curative properties for disease control in winter wheat, spring wheat, durum wheat, spelt wheat, winter barley, spring barley, triticale and rye.

Restrictions/Warnings

For professional use only.

After spraying, wash out sprayer thoroughly according to manufacturer's guideline and dispose of washings and clean containers according to local authority guidelines.

Disease control

Navara is a systemic fungicide with protectant and curative properties for disease control in Winter wheat, spring wheat, durum wheat, spelt wheat, winter barley, spring barley, triticale and rye as summarised below:

	Winter and spring wheat, durum wheat, spelt wheat	Winter and spring barley	Rye	Triticale
<i>Septoria tritici</i>	MC			MC
Yellow rust	C			C
Brown rust	C	C	C	C
Tan spot	C			
Eyespot	MC			
<i>Fusarium spp</i>	MC			
Powdery mildew	C			C
Net blotch		C		

	Winter and spring wheat, durum wheat, spelt wheat	Winter and spring barley	Rye	Triticale
<i>Rhynchosporium</i>		MC	MC	
<i>Ramularia</i>		C		

C = control

MC = moderate control

Resistance Management

GROUP	3	FUNGICIDE
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Navura should be used in accordance with the instructions for use for the target diseases at the specific growth stages indicated.

Use Navura as part of an Integrated Crop Management (ICM) strategy incorporating other methods of control, including where appropriate other fungicides with a different mode of action.

Navura should be used preventatively and should not be relied upon for its curative potential.

There is a significant risk of widespread resistance occurring in *Septoria tritici* populations in Ireland. Failure to follow resistance management action may result in reduced levels of disease control.

There is a significant risk of widespread resistance occurring in *Ramularia collo-cyni* populations to a number of different modes of action. Repeated use of products containing the same mode of action are unlikely to provide effective control of this disease. For further information on the resistance status of *Ramularia* contact your agronomist or specialist advisor and visit the FRAG-UK website the best way of managing this disease.

Navura contains mefentrifluconazole and prothioconazole, DMI fungicides belonging to FRAC Code G1 (Group 3). Resistance to some DMI fungicides has been identified in *Septoria tritici* which may seriously affect the performance of some products.

To minimise the risk of resistance developing against *Septoria tritici*, when targeting *Septoria tritici* Navura should be used in mixture with product/s from different fungicide group to the triazoles at a dose that will give effective control.

If an application of Navura is immediately preceded or followed by an application targeting *Septoria tritici* which includes a triazole, at least one of these applications should include a second mode of action that will give effective control against *Septoria tritici*.

Repeated application of DMI fungicides 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 diseases. The possible development of disease strains resistance to DMI fungicides cannot be excluded or predicted. Where such resistant strains occur, Navura is unlikely to give satisfactory control.

For further advice on resistance management contact your agronomist or specialist advisor and visit the Fungicide Resistance Action Committee (FRAC) and UK Fungicide Resistance Action Group (FRAG) websites.

Crop Specific Information

Crops

Navura is a systemic fungicide with protectant and curative properties for disease control in winter wheat, spring wheat, durum wheat, spelt wheat, winter barley, spring barley, triticale and rye.

Time of Application

For best results apply Navura as a protectant treatment in one application until when flowering anthesis complete (GS69) in wheat, barley, triticale and rye.

Rate of Application

For best results apply Navura at 1.5 l/ha in a recommended water volume of 100-300 litres of water per hectare.

Following Crops

After treating a cereal crop with Navura broad bean, carrot, maize, oilseed rape, pea, potato, sugar beet, sunflower, winter barley, winter wheat, may be sown as the following crop. The effect of Navura on other following crops has not been assessed.

Mixing and Application

Apply as a MEDIUM spray, as defined by BCPC.

Never prepare more spray solution than is required.

Three quarters fill the tank with clean water and start the agitation. To ensure thorough mixing of the product, invert the container several times before opening. Add the required quantity of Navura to the spray tank while re-circulating. Add the remainder of the water and continue agitation until spraying is complete.

When tank mixes are to be used, take due note of any instructions given as to the order of mixing. Each product should be added separately to the spray tank and fully dispersed before the addition of any further product(s).

All tank mixes should be used immediately after mixing.

Wash sprayer thoroughly immediately after use, using clean water and following the sprayer cleaning guidance provided by the equipment manufacturer.

Compatibility

For details of compatibilities contact your distributor, local BASF representative, the BASF Technical Services Hotline: 00 44 (0)845 602 2553 or visit our website on: www.agricentre.basf.ie

The following does not form part of the product label under S.I. No. 159 of 2012

With many products there is a general risk of resistance developing to the active ingredients. For this reason a change in activity cannot be ruled out. It is generally impossible to predict with certainty how resistance may develop because there are so many crop and use connected ways of influencing this. We therefore have to exclude liability for damage or loss attributable to any such resistance that may develop. To help minimise any loss in activity the BASF recommended rate should in all events be adhered to.

Numerous, particularly regional or regionally attributable, factors can influence the activity of the product. Examples include weather and soil conditions, crop plant varieties, crop rotation, treatment times, application amounts, admixture with other products, appearance of organisms resistant to active ingredients and spraying techniques. Under particular conditions a change in activity or damage to plants cannot be ruled out. The manufacturer or supplier is therefore unable to accept any liability in such circumstances. All goods supplied by us are of high grade and we believe them to be suitable, but as we cannot exercise control over their mixing or use or the weather conditions during and after application, which may affect the performance of the material, 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; but nothing should be deemed to exclude or restrict any liability upon us which cannot be excluded or restricted under the provisions of any applicable law.

Additional Product Safety Information

The information on this label is based on the best available information including data from test results.

Safety Data Sheet

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



agricentre.basf.ie/Navura-IE/MSDS

Alternatively, contact your supplier.

SPECIMEN

Navura®

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