

PANORAMA

A fungicide for the control of foliar and ear diseases in wheat, barley, rye, triticale, spelt and for disease control in oilseed rape, sugar beet and fodder beet.

An emulsifiable concentrate formulation containing 250 g/L of prothioconazole and 90 g/L of metconazole.

GROUP 3 FUNGICIDES



DANGER

RISK AND SAFETY INFORMATION

Harmful if swallowed.

Causes skin irritation.

Causes serious eye damage.

Suspected of damaging the unborn child.

Toxic to aquatic life with long lasting effects.

Obtain special instruction before use.

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

If swallowed: call a POISON CENTRE or doctor/physician if you feel unwell.

Rinse mouth.

IF ON SKIN: wash with plenty of soap and water.

If skin irritation occurs: Get medical advice/attention.

Take off contaminated clothing and wash before reuse.

IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses if present and easy to do - continue rinsing.

Immediately call a POSION CENTRE or doctor/physician.

IF exposed or concerned: Get medical advice attention.

Use personal protective equipment as required.

Store locked up.

Collect spillage.

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.

UFI: 1VC0-Y0SW-500Y-3P7Y

PCS no 07145

IMPORTANT INFORMATION

FOR USE ONLY AS A PROFESSIONAL FUNGICIDE

Crops	Maximum individual dose (L product/ ha)	Max. number of applications (per crop)	Maximum total dose (L product/ ha / crop)	Latest time of application
Wheat, rye, triticale and spelt	0.5	2	1.0	End of flowering (GS 69)
Barley	0.5	2	1.0	Beginning of flowering (GS 61)
Oilseed rape	0.5	1	0.5	GS 69 (56 days before harvest)
Sugar beet, fodder beet	0.6	2	1.2	GS 49 (28 days before harvest)

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

Emergency medical information: contact National Poisons Information Centre, Beaumont Hospital, Dublin, Ireland.

Telephone numbers:

01 809 2166 (8am to 10pm every day) for members of the public.

01 809 2566 or 01 837 9964 (24 hours) for healthcare professionals:

PROTECT FROM FROST

SHAKE WELL BEFORE USE

FOR PROFESSIONAL USE ONLY



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Contents:

1 – 20 litres

Batch No: see bottle

SAFETY PRECAUTIONS

OPERATOR PROTECTION

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

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

Do not handle until all safety precautions have been read and understood.

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

WASH HANDS thoroughly after handling and before eating/drinking/smoking/after work.

When using this product, DO NOT EAT, DRINK OR SMOKE.

IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, seek medical advice immediately (show the label where possible).

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 4 m to surface water bodies. Spray must be aimed away from water.

STORAGE AND DISPOSAL

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/under lock and key/away from damp/sources of heat.

RINSE CONTAINER THOROUGHLY by using an integrated pressure rinsing device or manually rinsing three times. Add the washings to the sprayer at the time of filling and dispose of safely.

DO NOT RE-USE CONTAINER for any purpose.

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.

GENERAL INFORMATION

PANORAMA is an emulsifiable concentrate formulation containing 250 g/L prothioconazole and 90 g/L metconazole. PANORAMA is a mixture of a triazolinthione and triazole fungicide for the control of foliar diseases on sugar beet and fodder beet, foliar and ear diseases on cereals (wheat, barley, rye, triticale, spelt) as well as stem, foliar and pod disease on oilseed rape.

RATE OF USE

Cereals: Apply PANORAMA at 0.5 L product/ha in 150-400 L water/ha. The maximum number of applications per crop is 2.

Sugar and fodder beet: Apply PANORAMA at 0.6 L product/ha in 200-400 L water/ha. The maximum number of applications per crop is 2.

Oilseed rape: Apply PANORAMA at 0.5 L product/ha in 200-400 L water/ha. Maximum 1 application per crop.

A minimum interval of 21 days must be observed between applications on cereals and sugar beet, fodder beet.

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.

Method of application: Tractor mounted/ trailed horizontal sprayer.

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

DISEASES CONTROLLED

Wheat & Spelt

Brown rust (*Puccinia recondita*), yellow rust (*Puccinia striiformis*) - control

Fusarium sp. - moderate control

Septoria leaf blotch (*Mycosphaerella graminicola*) - reduction

Barley

Brown rust (*Puccinia hordei*)- control

Rhynchosporium Leaf Blotch (*Rhynchosporium secalis*) - moderate control

Rye

Brown rust (*Puccinia recondita*), yellow rust (*Puccinia striiformis*) - control

Rhynchosporium Leaf Blotch (*Rhynchosporium secalis*) - moderate control

Septoria leaf blotch (*Mycosphaerella graminicola*)- reduction

Triticale

Brown rust (*Puccinia recondita*), yellow rust (*Puccinia striiformis*) - control

Septoria leaf blotch (*Mycosphaerella graminicola*) - reduction

Oilseed rape

Sclerotinia Stem rot (*Sclerotinia* sp.) - Moderate Control

Sugar and fodder beet

Beet rust (*Uromyces betae*) - Control

Cercospora Leaf Spot (*Cercospora beticola*) - Moderate control

APPLICATION TIMING

CEREALS

Septoria leaf blotch (*Mycosphaerella graminicola*)

Apply before disease is established in the crop. To protect the upper leaves and ear apply PANORAMA from BBCH 31 (first node detectable) up to end of flowering (BBCH 69). Where disease pressure remains high application may be repeated.

Yellow Rust (*Puccinia striiformis*)

Apply PANORAMA at the latest at the first signs of disease (BBCH 31-69). A second application may be made 3 weeks later if re-infection occurs. Applications made to established infections are likely to be less effective.

Brown Rust (*Puccinia recondita*, *Puccinia hordei*)

Apply PANORAMA at the latest at the first signs of disease.

Wheat, spelt, rye, triticale: BBCH 31-69

Barley: BBCH 31-61

A second application may be made 3 weeks later if re-infection occurs. Applications made to established infections are likely to be less effective.

Fusarium ear blight

Apply PANORAMA soon after ear emergence until the end of flowering (BBCH 61-69) for moderate control of *Fusarium* ear blight without exceeding the maximum total dose per crop. Control of ear diseases can result in cleaner, brighter ears. Through the reduction of ear blight, PANORAMA effectively reduces the level of the *Fusarium* mycotoxin deoxynivalenol (DON) in wheat grain. However, where *Fusarium* levels are high, the reduction achieved may not always be sufficient to ensure that DON levels fall below the statutory limit.

Leaf Blotch (*Rhynchosporium secalis*)

Apply PANORAMA in spring at the latest at the first signs of disease.

Rye: BBCH 31-69

Barley: BBCH 31-61

For severe infections a second application may be necessary 3 weeks later.

OILSEED RAPE

***Sclerotinia* Stem rot (*Sclerotinia* sp.)**

Apply PANORAMA at early to full flowering (BBCH 61-69) without exceeding the maximum total dose per crop. Do not apply later than 56 days before harvest.

SUGAR BEET, FODDER BEET

Beet rust (*Uromyces betae*), Cercospora leaf spot (*Cercospora beticola*)

Apply at the first signs of disease, before the disease becomes established. PANORAMA gives prolonged protection from re-infection, but a second application can be applied where crops are at risk from later attacks. Respect a minimum application interval of 21 days between applications.

Do not apply before BBCH 39 (Crop cover complete: leaves cover 90% of ground). The last spray should not be applied later than 28 days before harvest.

RESISTANCE

PANORAMA contains prothioconazole and metconazole, both belong to the DMI fungicides (FRAC group 3). Repeated application of PANORAMA alone should not be used on the same crop in one season against a high-risk pathogen in areas of high disease pressure.

Split and reduced rate programmes using multiples repeated applications at dose rate below the manufacturers recommendations must be avoided.

Curative applications should be avoided.

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. The possible development of disease strains resistant to PANORAMA cannot be excluded or predicted. Where such resistant strains occur, PANORAMA is unlikely to give satisfactory control. To avoid development of resistance, apply product protectively in response to disease forecasts.

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

MIXING AND SPRAYING

Thoroughly shake the pack before use.

Add the required quantity of PANORAMA 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.

Sprayers should be thoroughly cleaned before 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.

Thoroughly wash all spray and measuring equipment with water immediately after use.

CONDITIONS OF SUPPLY

All goods supplied by us are of high grade and we believe them to be suitable but, as we cannot exercise control over their storage, handling, mixing or use, or the weather conditions before, during or after application which may affect the performance of the goods, all conditions and warranties, statutory or otherwise, as to the quality or fitness for any purpose of our goods are excluded. No responsibility will be accepted by us or re-sellers for any failure in performance, damage or injury whatsoever arising from their storage, handling, application or use. These conditions cannot be varied by our staff or agents whether or not they supervise or assist in the use of such goods.