

Turret® 60

FUNGICIDE

® registered trademark of Globachem

PCS No 06384

GROUP 3 FUNGICIDE

UFI: X0C0-W0VX-4001-G8EA

A fungicide for the control of a wide range of diseases in winter and spring wheat, durum wheat, winter and spring barley, triticale, rye and oilseed rape and a spring plant growth regulator in oilseed rape.

An emulsifiable concentrate containing 60 g/L of metconazole (6.7 % w/w)

IMPORTANT INFORMATION

FOR USE ONLY AS A PROFESSIONAL FUNGICIDE

Crops: Winter wheat, spring wheat, durum wheat, winter barley, spring barley, triticale and rye, winter and spring oilseed rape

Maximum Individual dose: }
Maximum total dose: } Full details are on attached leaflet
Latest time of application: }
Other specific restrictions: }

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

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.

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) AND SUITABLE PROTECTIVE GLOVES when handling contaminated surfaces.

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

WASH ALL PROTECTIVE CLOTHING thoroughly after use, especially the insides of gloves. WHEN USING DO NOT EAT, DRINK OR SMOKE.

STORAGE AND DISPOSAL

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDINGSTUFFS.

KEEP OUT OF REACH OF CHILDREN.

KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place.

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.

DO NOT RE-USE CONTAINER for any purpose.

PROTECT FROM FROST.

DO NOT STORE IN DIRECT SUNLIGHT.

FOR PROFESSIONAL USE ONLY

PROTECT FROM FROST SHAKE WELL BEFORE USE

For 24 hour emergency information contact Globachem n.v.

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* Member of the Corteva Agriscience Group of Companies

Batch No: see bottle

NET CONTENTS: 5 LITRES e

5582959BK/L2310

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.

IMPORTANT INFORMATION

FOR USE ONLY AS A PROFESSIONAL FUNGICIDE

Crops	Maximum individual dose (L/ ha)	Maximum total dose (L/ ha)	Latest time of application
Winter wheat, spring wheat, durum wheat, winter barley, spring barley, triticale and rye	1.5	3.0	Before early milk stage (GS 73)
Winter and spring oilseed Rape	1.2	2.4	10% of pods at final size

Other specific restrictions:

A minimum interval of 14 days must be observed between applications on oilseed rape.

A minimum interval of 21 days must be observed between applications on cereals.

This product must not be used alone for control of Septoria or powdery mildew.

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PCS no. 06384



DANGER

SAFETY INFORMATION

Flammable liquid and vapour.

Causes serious eye damage.

Causes skin irritation.

May cause an allergic skin reaction.

May be fatal if swallowed and enters airways.

May cause respiratory irritation.

Suspected of damaging the unborn child.

Very toxic to aquatic life with long lasting effects.

Keep away from heat. — No smoking.

Wear protective gloves, eye protection, face protection.

IF SWALLOWED: Immediately call a POISON CENTRE or doctor / physician.

Do NOT induce vomiting.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If skin irritation or rash occurs: Get medical advice / attention.

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.

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 5m to surface water bodies.

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

PCS no. 06384

GENERAL INFORMATION

TURRET 60 is a broad spectrum fungicide with curative and protectant activity, which can be used on all commercial varieties of winter and spring wheat, durum wheat, winter and spring barley, triticale and rye. TURRET 60 can also be used on oilseed rape. When applied to oilseed rape in the spring, TURRET 60 can provide plant growth regulation in the form of a reduction in crop height.

RESTRICTIONS / WARNINGS

Do not apply to oilseed rape crops that are damaged or stressed from factors such as previous product use, adverse weather conditions (e.g. drought, frost or waterlogging), nutrient deficiency or pest attacks.

TURRET 60 is formulated specifically for use on oilseed rape. The addition of further adjuvants is not advised.

TURRET 60 should not be applied with pyrethroids to flowering oilseed rape.

Ensure the sprayer is free from previous chemical residues that may harm the crop. Use of a detergent cleaner is advised before and after use.

Avoid spray drift on to neighbouring crops and field margins.

CROP RECOMMENDATIONS

Cereals

TURRET 60 is a broad spectrum fungicide with curative and protectant activity which can be used on all commercial varieties of winter and spring wheat, durum wheat, winter and spring barley, triticale and rye for disease control as summarised below:

	Wheat	Barley	Triticale	Rye
Septoria Leaf Blotch (<i>Mycosphaerella graminicola</i>)	MC	-	MC	-
Glume blotch (<i>Septoria nodorum</i>)	MC	-	MC	-
Yellow rust	C	C	C	C
Brown rust	C	C	C	C
<i>Rhynchosporium secalis</i> (leaf scald)	-	R	-	R
Net blotch	-	R	-	-
Powdery Mildew (<i>Blumeria graminis</i>)	MC	MC	MC	MC
Fusarium Ear blight	R	-	R	-

C = full control MC = moderate control
R = reduction

Time of application

Apply as soon as diseases start to develop in the crop and repeat as required.

Application at an early stage of mildew development (not more than 3% infection on any green leaf) will give moderate control. Where mildew has become established, the use of a specific mildewicide will improve control and help prevent the development of resistant strains.

For optimum results on yellow rust apply before any leaf has more than 1% infection or as a preventative treatment on susceptible varieties after the flag leaf has fully emerged (GS 39).
Good reduction of ear *Fusarium* may be achieved when applied between full ear emergence and anthesis complete (GS 69).
For control of brown rust treat susceptible varieties as soon as rust is seen and spray more resistant varieties before any of the top three leaves have more than 1-2% infection.
Spray as soon as net blotch is seen on any of the top three leaves. A further treatment will be necessary where disease is well established

Rate of Application
1.5 L/ha

Oilseed rape
All varieties of oilseed rape may be treated.

Disease control
TURRET 60 provides control of *Alternaria*, and a reduction of phoma leaf spot, phoma stem canker (*Phoma lingam*) and light leaf spot.

	<i>Alternaria spp</i>	Phoma leaf spot & phoma stem canker (<i>Phoma lingam</i>)	Light leaf spot
Oilseed rape	Control	Reduction	Reduction

Time of application
Apply as soon as diseases start to develop, and repeat as required.

Rate of application
1.2 L/ha.

Crop height reduction
When applied to oilseed rape in the spring, TURRET 60 can provide plant growth regulation in the form of a reduction in crop height.

Time of application
Apply during stem extension in the spring, once the oilseed rape crop is actively growing (GS 31-51)

Rate of application
1.2 L/ha

FOLLOWING CROPS

After treating a cereal or oilseed rape crop with TURRET 60, the crops listed below may be sown as a following crop:

Beans	Clover	Oilseed rape	Ryegrass
Cabbage	Lettuce	Onions	Sugar beet
Carrots	Linseed	Peas	Sunflower
Cereals	Maize	Potatoes	

The effects of TURRET 60 on other crops has not been assessed.

WATER VOLUMES

In cereals apply TURRET 60 in 200 to 300 L/ha water

In oilseed rape apply TURRET 60 in 200-400 L/ha water.

Apply as a MEDIUM spray, as defined by BCPC. In dense crops use the higher volume to achieve adequate penetration and good coverage of the crop.

To ensure optimum spray coverage and minimize spray drift, adjust the spray boom to the appropriate height above the crop, according to guidance provided by the sprayer and/or nozzle manufacture.

Sprayers should be thoroughly cleaned out immediately after use.

Qualified approval

TURRET 60 may be applied in reduced water volumes as specified in the table below, although efficacy at this reduced volume has not been evaluated. Application of this product at reduced-volume is at user's risk with regard to biological efficacy.

Crop	Rate	Minimum water volume
Winter wheat, spring wheat, durum wheat, winter barley, spring barley, triticale, rye	1.5 L/ha	110 L/ha
Oilseed rape	1.2 L/ha	90 L/ha

MIXING AND APPLICATION

Three quarters fill the tank with water and start the agitation. To ensure thorough mixing of the product, invert the container several times before opening. Add the required quantity of TURRET 60 to the spray tank while re-circulating. Fill up the tank with water and continue agitation until spraying is completed.

On emptying the container, rinse container thoroughly by using an integrated pressure rinsing device or manually rinsing three times. Add washings to spray tank at time of filling and dispose of container safely.

TANK CLEANING PROCEDURE

To avoid subsequent injury to crops other than cereals, all spraying equipment must be thoroughly cleaned after use. Rinse the tank three times with clean water and spray the diluted solution onto the target crop.

RESISTANCE

TURRET 60 contains metconazole, a DMI fungicide. Resistance to some DMI fungicides has been identified in Septoria leaf blotch (*Mycosphaerella graminicola*) which may seriously affect the performance of some products. For further advice on resistance management in DMIs contact your agronomist or specialist advisor.

Cereal Powdery mildew strains with decreased sensitivity to triazoles are common. Where these occur or develop, TURRET 60 may not give satisfactory control.

For crop/pathogen situations where repeated spray applications are required, alternation or mixtures with an effective non cross-resistant fungicide are recommended. Fungicide use does not replace the need for non-chemical cultural control methods e.g. resistant crop varieties, good agronomic practice, plant hygiene.

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.

COMPANY ADVISORY INFORMATION

For autumn use on oilseed rape:

Do not mix Turret 60® in autumn with halauxifen-methyl + picloram based products like Belkar. For the sequential application with Belkar, consult the Belkar label or contact your distributor, crop adviser, product manufacturer.

Turret is a trademark of Globachem nv.

All other brand names used in this document are trademarks of other manufacturers in which proprietary rights may exist.

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WHEN USING DO NOT EAT, DRINK OR SMOKE.

STORAGE AND DISPOSAL

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDINGSTUFFS.

KEEP OUT OF REACH OF CHILDREN.

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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.

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PROTECT FROM FROST.

DO NOT STORE IN DIRECT SUNLIGHT.

FOR PROFESSIONAL USE ONLY

PROTECT FROM FROST

SHAKE WELL BEFORE USE

For 24 hour emergency information contact Globachem n.v.

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* Member of the Corteva Agriscience Group of Companies

Batch No: see bottle

NET CONTENTS: 5 LITRES e

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