

Shandon

PROTECT FROM FROST

See attached for DIRECTIONS FOR USE

Manufacturer:

Barclay Chemicals Manufacturing Ltd.,

Damastown Way, Damastown Industrial Park, Mulhuddart,
Dublin 15, Ireland

Tel: 00 353 (0) 1 8112900

Email: info@barclay.ie

Fax: 00 353 (0) 1 8224678

Website: www.barclay.ie

Contains 100 g/l (8.8 % w/w) CYPROCONAZOLE as a soluble concentrate.

**A fungicide for the control of certain diseases of winter and spring wheat ,
winter and spring barley, winter and spring oats and sugarbeet.**

FOR USE ONLY AS AN AGRICULTURAL FUNGICIDE

RISK AND SAFETY INFORMATION

**Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.
Contains Cyproconazole. May produce an allergic reaction.**

Wear Protective Gloves when handling the concentrate.

When using do not eat, drink or smoke.

Wash any contamination from skin or eyes immediately.

Wash hands and exposed skin before meals and after work.

Keep away from food, drink and animal feeding stuffs.

Keep out of reach of children.

Possible risk of harm to the unborn child.

Harmful to fish and other aquatic life. Do not contaminate surface waters or ditches with chemical or used container.

Store in original container, tightly closed, in a safe place.

Wash out container thoroughly, empty washings into spray tank, and dispose of safely.

Do not contaminate ponds, waterways or ditches with chemical or used container.

Do not re-use container for any other purpose.

This material and its container must be disposed of in a safe way.
If swallowed, seek medical advice and show this container.

**To avoid risks to man and the environment, comply with the
instructions for use.**

Safety data sheet available for professional user on request.



HARMFUL



**DANGEROUS FOR THE
ENVIRONMENT**

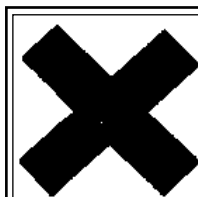
PCS No: PI 02684

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DIRECTIONS FOR USE

A programme containing at least two well timed applications of Barclay Shandon will be required under normal conditions to give satisfactory protection of winter wheat or barley against the diseases listed. The programme must be supplemented when necessary to meet specific disease threats not controlled or not fully controlled by cyproconazole.

WINTER BARLEY

Disease	Timing
Eyespot (<i>Pseudocercospora herpotrichoides</i>)	Useful reduction is given by Barclay Shandon applied for other diseases between the leaf sheath erect and 1st node detectable stages inclusive. If a substantial attack is expected, tank-mix with a product specific against the disease.
Powdery mildew	Spring: Spray as soon as mildew is found on the topmost expanded leaves of most plants, if necessary before spring growth resumes. Late Spring and Summer: Spray if at any time up to and including ear emergence just complete mildew is spreading to the uppermost three leaves.
Net blotch Leaf blotch (<i>Rhynchosporium secalis</i>)	Coincident useful reductions of new infections is given by Barclay Shandon applied for other diseases.
Brown rust	Spray crops at risk if brown rust is easily found on the top three leaves between flag leaf emergence ear emergence just complete . Repeat if necessary.
Yellow rust	Spray crops at risk immediately if yellow rust spreads in spring or at any time up to and including ear emergence just complete. Two applications may be needed if the first has to be made early.

SPRING BARLEY

Disease	Timing
Powdery mildew	Spray when mildew is apparent on the older leaves. Repeat up to and including ear emergence just complete if mildew is spreading to the uppermost three leaves.
Leaf blotch (<i>Rhynchosporium secalis</i>) Net blotch	Coincident useful reductions of new infections is given by Barclay Shandon applied for other diseases.
Brown rust	Spray susceptible varieties on appearance of disease up to and including ear emergence just complete. On less susceptible crops, spray if brown rust is easily found on the top three leaves up to and including ear emergence just complete. Repeat if necessary
Yellow rust	Spray susceptible varieties when yellow rust is found in the crop or up to and including ear emergence just complete if the disease begins to spread in other varieties. Repeat if necessary.

WINTER AND SPRING WHEAT

Disease	Timing
Eyespot (<i>Pseudocercospora herpotrichoides</i>)	Useful reduction is given by Barclay Shandon applied for other diseases between the leaf sheath erect and 1st node detectable stages inclusive. If a substantial attack is expected, tank-mix with a product specific against the disease.
Powdery mildew	Before the flag leaf just visible stage: Spray as soon as active mildew is apparent on the younger leaves. Between flag leaf just visible and up to and including ear emergence just complete: Spray when mildew is apparent on any green leaf.
Protection against <i>Septoria nodorum</i> - glume blotch and <i>Septoria tritici</i> -leaf spot	Spray between flag leaf just visible up to and including ear emergence just complete. If disease is found on the lower leaves and conditions favour its spread, spray as soon as practicable after appearance of the flag leaf ligule. Make a second application at ear emergence if an application has been necessary before the 'boots swollen' stage. If a substantial attack is expected, tank-mix with a product specific against the disease.
Brown rust	Spray as soon as brown rust is found on the upper leaves up to and including the beginning of anthesis. Repeat if necessary.
Yellow rust	Spray crops at risk when the disease appears. Apply a further spray if necessary up to and including the beginning of anthesis

A shortening of the straw may be observed following treatment of winter wheat during stem elongation to 3rd node detectable GS30 - 33. There is no loss of yield.

WINTER AND SPRING OATS

Disease	Timing
Powdery mildew	Spray as soon as active disease is apparent.
Crown rust	Repeat if necessary to prevent disease spread to the uppermost three leaves.

SUGAR BEET

Rate of application for sugar beet
 Apply Barclay Shandon at 0.6 l/ha at each application

Disease	Timing
Powdery mildew	Spray normally July or August as soon as disease appears.
Ramularia leaf spot - reduction of disease	Repeat 3 weeks later if necessary
Rust	

Important: If strains of fungi resistant to the conazole group of fungicides occur or develop then Barclay Shandon may be rendered less effective. Consult your advisor.

Rate of Application

Apply Barclay Shandon at 0.8 l/ha at each application

Application

Apply the recommended dose in 200 - 400 l/ha water , using the highest water volume in crops with dense foliage. Spray evenly over the crop as a MEDIUM spray (BCPC definition). Avoid spray drift. Do not apply to wet foliage or when rain is imminent.

Mixing

Add the required quantity of Barclay Shandon to the sprayer tank half filled with water and with the re-circulation system in action. Top up the tank to the required level with water. Maintain re-circulation until the tank is sprayed out. Spray immediately after mixing.

Compatibility

Barclay Shandon is compatible in tank mixture with the products detailed in the Barclay Tank-mix Guide; one of the named products may be applied in tank-mix with Barclay Shandon at any one time. Mix Barclay Shandon in the spray tank first. Before using any tank-mix, read the label PRECAUTIONS and DIRECTIONS FOR USE of both products. Spray out immediately after mixing.

Barclay Crop Protection