

freedom

10L

A fungicide for protection against leaf blotch (*Mycosphaerella graminicola*) on wheat and triticale and leaf blotch (*Rhynchosporium secalis*) on barley and triticale.

A suspension concentrate formulation containing 500 g/L (39.5% w/w) folpet. Contains folpet and hexamethyl tetramine: May produce an allergic reaction.

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

Safety Information



Warning

May cause an allergic skin reaction.

Suspected of causing cancer.

Very toxic to aquatic life with long lasting effect.

Keep out of reach of children

Obtain special instructions before use.

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

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 of 5 metres to surface water bodies.

Do not contaminate water with the product or its container (Do not clear application equipment near surface water / avoid contamination via drains from farmyards and roads).

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

PCS No. 06985

UFI: D50P-ERVN-W504-KQHH

Approval holder:

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FOR PROFESSIONAL USE ONLY AS AN AGRICULTURAL FUNGICIDE			
Crops	Maximum dose (L product/ ha)	Max. total dose (L product/ha)	Latest time of application
Winter wheat, Spring wheat, durum wheat, winter barley, spring barley & triticale	1.5	3.0	Before end of heading/ inflorescence fully emerged (GS 59)
Specific diseases controlled: Reduction of Septoria Leaf Blotch (<i>Mycosphaerella graminicola</i>) in wheat and triticale Reduction of <i>Rhynchosporium secalis</i> (leaf scald) in barley and triticale			

Precautions

Operator protection

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) AND SUITABLE PROTECTIVE GLOVES when handling the concentrate or handling contaminated surfaces. WASH CONCENTRATE from skin or eyes immediately. WASH HANDS AND EXPOSED SKIN before eating or drinking and after work. 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.

Storage and disposal:

KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place.
DO NOT RE-USE CONTAINER FOR ANY PURPOSE.

Directions for Use

Resistance: FREEDOM contains folpet, a protectant fungicide from the phthalimide chemical group with multi-site contact activity. For resistance management purposes, it's mode of action is classified as M4 under the FRAC* code which indicates low-risk without any signs of resistance or cross-resistance developing. For current advice on resistance management contact your agronomist or specialist advisor.

*FRAC: Fungicide Resistance Action Committee

Disease Control in wheat, barley and triticale: For the reduction of leaf spot (*Mycosphaerella graminicola*) in winter and spring wheat and triticale and leaf blotch (*Rhynchosporium secalis*) in winter and spring barley and triticale. FREEDOM may be applied in a programme of 2 suitably timed sprays.

Dose rate: 1.5 L/ha per application

Septoria leaf spot (*Mycosphaerella graminicola*) in winter and spring wheat and triticale

As FREEDOM is a protectant fungicide with contact activity, it is important to apply the first spray before the disease becomes established in the crop (normally GS 30-33). A second spray should be timed to protect new growth from disease and therefore needs to be applied prior to further infection. This is normally 3 weeks

after the first application, but may be sooner under conditions of rapid growth and high disease pressure. Where disease infection or reinfection has occurred prior to application, FREEDOM should be mixed with alternative chemistry to provide curative activity (see Compatibility section).

Leaf blotch (*Rhynchosporium secalis*) in winter and spring barley and triticale

As FREEDOM is a protectant fungicide with contact activity, it is important to apply the first spray before the disease becomes established in the crop (normally GS 30-33). A second spray should be timed to protect new growth from disease infection. This is normally 3 weeks after the first application, but may be sooner under conditions of rapid growth and high disease pressure. Where disease infection or reinfection has occurred prior to application, FREEDOM should be mixed with alternative chemistry to provide curative activity (see Compatibility section).

Water Volume: Apply FREEDOM in a water volume of 200-400 L/ha.

As FREEDOM has contact activity, it is important to achieve a good coverage of the crop when spraying.

Mixing and spraying: For use by tractor mounted/trailed horizontal sprayer only.

Before spraying it is important to check all hoses, filters and nozzles, and to ensure that the sprayer is clean and correctly calibrated to give an accurate application at the correct volume. Half-fill sprayer tank with clean water. Add the required amount of FREEDOM to the water and commence agitation. On emptying the container, 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. Add the remainder of the water whilst continuing to agitate the mixture until spraying is complete.

Apply FREEDOM as a medium spray (as defined by the BCPC) in cereals.

Thoroughly clean the sprayer and measuring equipment after using FREEDOM. Crops should not be re-entered until spray residues are dry.

Compatibility: Consult Sharda Cropchem Espana or your distributor for details on the products which may be mixed with FREEDOM.

Maintain agitation during the mixing process and continue until the spraying is complete. Do not leave in spray tank for long periods without using.

Caution: After spraying a herbicide, sprayer tanks and equipment should be thoroughly cleaned before using FREEDOM.

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.