

HURRICANE™
(PCS No. 04357)

A suspension concentrate formulation containing 500 g/l (42% w/w) diflufenican

For the control of certain germinating broad-leaved weeds in wheat, barley, oats,
rye, durum wheat and triticale.

HURRICANE™ is a trademark of Makhteshim Agan (U.K.) Ltd

Batch number: See packaging

Shake well before use

1litre e

Protect from frost

RISK AND SAFETY INFORMATION



VERY TOXIC to aquatic organisms, may cause
long term adverse effects in the aquatic environment.

**DANGEROUS FOR
THE ENVIRONMENT**

Keep out of the reach of children.

Keep away from food, drink and animal feeding stuffs.

Use appropriate containment to avoid environmental contamination.

This material and its container must be disposed of in a safe way.

If swallowed seek medical advice immediately and show this container or label.

Do not allow direct spray from ground crop sprayers to fall within 5m of the top of the bank of a static or flowing waterbody or within 1m of the top of a ditch which is dry at the time of application.

Direct spray away from water.

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

PCS No. 04357

IMPORTANT INFORMATION

FOR PROFESSIONAL USE ONLY AS AN AGRICULTURAL HERBICIDE

| Crop: | Maximum individual dose (litres product per hectare) | Maximum total dose (litres product per hectare) | Latest Time of application |
|--|---|--|--------------------------------------|
| Winter wheat, spring wheat, durum wheat, winter barley, oats, rye, triticale | 0.25 L/ha | 0.25 L/ha/crop | Before first node detectable (GS 31) |
| Spring barley | 0.125 L/ha | 0.125 L/ha/crop | Before first node detectable (GS 31) |

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.

HURRICANE is a selective herbicide for use pre or post-emergence up to BBCH 31 in winter wheat, spring wheat, durum wheat, winter barley, spring barley, oats, rye and triticale. The product is taken up by germinating seedlings through the shoot and partially by the roots, with little translocation in larger plants. It acts within susceptible plants to cause photo-oxidative destruction of the chlorophyll and cell membranes in the presence of light, causing chlorosis and bleaching, leading to death of the plant.

Crops

Pre- or post-emergence use on winter wheat, spring wheat, durum wheat, winter barley, spring barley, oats, rye and triticale.

Do not treat undersown cereals or those due to be undersown.

Application

Rate of use and timing

Apply 0.25 l/ha HURRICANE pre- or post-crop emergence before first node detectable (up to BBCH 31) on winter wheat, spring wheat, durum wheat, winter barley, oats, rye and triticale.

Use on spring barley pre or post-crop emergence before first node detectable (up to BBCH 31) at the lower dose of 0.125 l/ha.

Water Volume

Apply as a MEDIUM spray (BCPC category) in 100-250 litres water/ha.

Specific weeds controlled at 0.25 L/ha:

| Weed | Pre-emergence | Up to 2 leaves |
|------------------------|---------------|----------------|
| Charlock | ✓ | - |
| Common chickweed | ✓ | ✓ |
| Common field speedwell | ✓ | ✓ |
| Common poppy | ✓ | - |
| Corn spurrey | ✓ | - |
| Field mouse-ear | ✓ | - |
| Field forget-me-not | ✓ | - |
| Field pansy | ✓ | - |
| Henbit dead-nettle | ✓ | ✓ |
| Ivy-leaved speedwell | ✓ | - |
| Parsley piert | ✓ | - |
| Red dead-nettle | ✓ | - |
| Shepherd's-purse | ✓ | ✓ |
| Treacle Mustard | ✓ | - |
| Volunteer oilseed rape | ✓ | ✓ |
| Wild radish (Runch) | ✓ | - |

Specific weeds controlled at 0.125 L/ha:

| Weed | Growth Stage |
|-------------------|----------------------|
| Henbit deadnettle | Weed growth stage 15 |
| Shepherd's-purse | Weed growth stage 19 |
| Field pansy | Weed growth stage 19 |

Soil Condition

Prepare a firm fine seedbed for best results, with clods no more than fist size. The crop should be sown to the normal depth of 25 mm. It is important to ensure that the seed is well covered. Good weed control depends on burying and dispersing of any trash or burnt straw before or during seedbed preparation.

For best results apply to a moist seedbed. Do not apply to dry, cracked or waterlogged soils.

Do not use on sands (Soil Texture [85] System) or very stony or gravelly soils due to risk of crop damage.

Mixing and Application

For use by tractor mounted/trailed sprayer only.

Ensure the sprayer is clean and in good working order. Calibrate according to the sprayer manufacturers recommendations.

Half fill the spray tank with clean water and begin agitation. Add the required quantity of HURRICANE to the tank and complete filling. Continue agitation until spraying is complete.

Do not leave the sprayer standing with the spray mixture in it for a long period of time.

Wash out the sprayer thoroughly after use, using a wetting agent or a proprietary tank cleaner.

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.

Following Crops

Plough to 150 mm and thoroughly mix the soil before drilling or planting any following crops (either after crop failure or normal harvest).

CROP FAILURE: If a crop fails for any reason, only re-drill with winter wheat or winter barley, after ploughing. A period of 12 weeks must lapse after ploughing before spring crops of wheat, barley, oilseed rape, peas, field beans, sugar beet, potatoes, carrots, edible brassicas or onions may be drilled.

NORMAL HARVEST: In the Autumn following normal harvest, only drill winter cereals, oilseed rape, field beans, leaf brassicas, sugar beet seed crops and winter onions. In the spring following normal harvest, only the spring crops listed above (under CROP FAILURE) can be drilled.

Occasionally seedlings of brassica crops may exhibit slight discolouration of the cotyledons, which is normally outgrown without affecting subsequent growth.

Where diflufenican containing products are applied to successive cereal crops, levels of diflufenican will build up in the soil. Even with ploughing to 150mm and thorough mixing of the soil, there may still be a risk of damage to following crops of onions, leeks, other allium crops and clover. As a precaution, users who rent out their land to growers of these crops should not use diflufenican containing products in successive years before renting out that land.

Cautions

DO NOT apply if crop is stressed due to water logging, drought, nutrient deficiency, pest infestation etc.

DO NOT apply during prolonged periods of frosty weather. Frost following application may cause crop damage.

DO NOT apply if heavy rain is expected within 4 hours.

DO NOT overlap spray swaths.

Crops may suffer some transient damage such as bleaching which is normally outgrown without affecting yield.

DO NOT direct drill autumn sown broad-leaved crops following application of HURRICANE in the previous crop.
DO NOT treat broadcast crops.
DO NOT roll autumn treated crops until the spring.
DO NOT harrow the crop at any time following application.
DO NOT apply to soils with greater than 10% organic matter.
DO NOT treat undersown cereals or those due to be undersown.
See 'Following Crops' section for further information.

CONDITIONS OF SUPPLY

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

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For advice on medical emergencies, fires or major spills telephone the UK National Chemical Emergency Centre on 00 44 1865 407333.

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