

HURRICANE™

PCS 04357

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

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



ADAMA

FOR PROFESSIONAL USE ONLY



Scan for Safety Data Sheet or use weblink:
<https://bit.ly/2qTlemk>

SAFETY INFORMATION

Warning

Very toxic to aquatic life with long lasting effects.

Contains 1,2-benzisothiazolin-3-one. May produce an allergic reaction.
Keep out of reach of children.

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 zone of 5 m to surface water bodies.

Direct spray away from water.

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

PCS 04357



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This leaflet is part of the approved label.

For advice on medical emergencies, fires or major spills telephone
the UK National Chemical Emergency Centre on +44 01865 407333

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/crop)	Latest time of application
Winter wheat, spring wheat, durum wheat, winter barley, oats, rye, triticale	0.25	0.25	Before first node detectable (GS 31)
Spring barley	0.125	0.125	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 dead-nettle	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 25mm. 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 manufacturer's 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 150mm 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. Crops should not be re-entered until spray residues are dry.

DISCLAIMER/CONDITIONS OF SUPPLY

The specified properties of our products and the mode of application stated on this label have been established on the basis of research and experience. Products conform to specification at the time of delivery but, as we exercise no control over their subsequent storage, handling, mixing or use or the weather conditions before, during and after application, all of which may affect the performance of the products, 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 or make recommendations concerning the use of such products. We recommend you contact your dealer to request advice on the suitability of this product for any new and/or unusual growing methods or for new varieties not listed on this label.

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