

# DIFLANIL 500 SC

A selective contact and residual herbicide for the pre- and post-emergence treatment for the control of a wide range of broad-leaved weeds in cereals.

A Suspension Concentrate (SC) formulation containing 500 g/l of diflufenican (42.01% w/w)



**WARNING**

## RISK AND SAFETY INFORMATION

H410 – Very toxic to aquatic life with long lasting effects

P102 – Keep out of reach of children.

P301+310 – IF SWALLOWED: Immediately call a POISON center or doctor/physician.

P391 – Collect spillage.

P501 – Dispose of contents in accordance with national regulations.

SP1 - Do not contaminate water with the product or its container.

SP23: 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.

EUH 401 - To avoid risks to man and the environment, comply with the instructions for use.

PCS no. 04358

## FOR USE AS AN AGRICULTURAL HERBICIDE

Crops	Maximum single dose	Maximum no. of applications	Max. total dose	Latest timing 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	

**READ ALL SAFETY PRECAUTIONS AND DIRECTIONS FOR USE BEFORE USE**

## DIRECTIONS FOR USE

### RESTRICTIONS

For use for tractor mounted/trailed sprayer only.

DO NOT direct drill autumn sown broad leaved crops, following the use of DIFLANIL 500 SC in the previous crop. DO NOT treat broadcast crops as uncovered seed may be damaged. DO NOT roll autumn treated crops until spring. DO NOT harrow the crop at any time following application. DO NOT apply to soils with greater than 10 % organic matter.

It is possible that on soils with a high Kd factor (greater than 6) the efficacy of DIFLANIL 500 SC will be reduced.

Do not use on sands (soil texture [85] System) or very stony or gravely soils due to risk of crop damage.

DO NOT treat shortly after predominantly cold frosty conditions prior to application as they render the crop more susceptible to phytotoxic damage (chlorotic blotching). These effects are transient and do not have any influence on yield.

### WEEDS CONTROLLED

DIFLANIL 500 SC controls a wide range of broad-leaved weeds.

Control at 0.25 L/ha: common chickweed, red dead nettle, parsley piert

Moderate control at 0.25 L/ha: scentless mayweed, lambs quarters

Control at 0.125 L/ha: shepherds purse, henbit deadnettle, wild mustard

Moderate Control at 0.125 L/ha: field speedwell, field pansy, ivy leaved speedwell, common chickweed, red dead nettle, radish, parsley piert, common nipplewort, hairy bittercress

### CROP SPECIFIC INFORMATION

Good weed control depends on burying any trash or straw before or during seedbed preparation. Loose and fluffy seedbeds should be rolled before application. The final seed bed should be fine and firm and should not contain clods greater than first size. The crop should be drilled to the normal depth of 2.5 cm. It is important to ensure that the seed is well covered.

Apply via a horizontal boom sprayer as MEDIUM spray (BCCP Category). A spray pressure of at least 2 bar is advised. Good, even spray coverage of soil is essential. Ensure that spray swaths do not overlap. Only one application of DIFLANIL 500 SC should be made to the crop.

Winter, spring and durum spring wheat, winter barley, oats, rye and triticale

Apply 0.25 L/ha of DIFLANIL 500 SC pre or post emergence, before the first node detectable stage (GS 31).

### Spring barley

Apply 0.125 L/ha of DIFLANIL 500 SC post-crop emergence, from the start of tillering (GS21) to before the first node detectable stage (GS31). It is recommended to make applications on small weeds.

### FOLLOWING CROPS AND CROP FAILURE

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: In the event of crop failure, for any reason, only re-drill soil treated with DIFLANIL 500 SC 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 and winter onions. In the spring following normal harvest, only the crops listed above (CROP FAILURE) can be drilled.

### Subsequent cropping in the normal rotation

Where DIFLANIL 500 SC is applied to successive cereal crops, levels of diflufenican will build up in soil.

Ploughing to 150 mm with complete inversion of the furrow must take place before planting any following non-cereal crop. Even where ploughing is carried out, there may still be a risk of damage to following crops of onions, leek, other allium crops or 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 the land.

### Subsequent autumn cropping in the normal rotation

After harvest, soils previously treated with DIFLANIL 500 SC should be ploughed (ensure complete inversion of the furrow slice) or cultivated to a depth of 15 cm. Thorough mixing of the soil must take place before drilling field beans, leaf brassicae or winter oilseed rape. For winter onions, the soil must be ploughed ensuring complete inversion of the furrow slice. Avoid excessive compaction. Autumn sown cereals can be drilled as normal. Only drill crops listed. Occasionally in brassica crops some seedlings may show slight discoloration on the cotyledons. These effects are quickly outgrown and should not affect subsequent growth.

### Subsequent spring cropping in the normal rotation

Ploughing must take place before planting any spring crop and only the spring crops listed above (under FOLLOWING CROPS AND CROP FAILURE) can be drilled.

### MIXING

Shake the container well before use. Half fill the spray tank with clean water and add the required amount of DIFLANIL 500 SC. Wash out the container and add the washings to the spray solution, before topping up with clean water. Do not leave the sprayer filled with the spray solution standing for long periods. Wash out the sprayer thoroughly after use using a wetting agent or proprietary tank cleaner.



Marketed by:

**DHM Agrochemicals Limited,**  
Castle Lodge, Kilgobbin Road, Dublin 18  
Tel: 01 295 2377

Registration holder:

**Q-CHEM NV**  
Leeuwerweg 138 • B-3803 Sint-Truiden  
Belgium  
24 h emergency number: +32 11 78 57 17

**CONTENTS: 1 litre e**

Batch No: see bottle

For Professional Use only

Protect from frost