

SPECIMEN  
- 2007 to date

# DISCMAN

## BIOGRADE

5 Litres 

contains 216 g/l glyphosate

Discman Biograde is a non-irritant pigmented soluble concentrate formulation. Systemic weedkiller, ready-for-spraying through controlled droplet applicators (CDA), for the control of most broad-leaved and grass weeds, including common couch, on land not intended to bear vegetation.

FOR USE AS AN HERBICIDE ON LAND NOT INTENDED TO BEAR VEGETATION

PROTECT FROM FROST

STORE IN A COOL, DRY PLACE

#### RISK AND SAFETY INFORMATION

KEEP OUT OF REACH OF CHILDREN  
KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEED  
WEAR SUITABLE GLOVES  
IF SWALLOWED, SEEK MEDICAL ADVICE IMMEDIATELY AND SHOW THIS CONTAINER OR LABEL

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

PCS No. 02786

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#### 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 of the weather conditions before during and 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 and no responsibility will be accepted by us or resellers 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.

### DIRECTIONS FOR USE

Crop	Maximum individual dose (l/ha)	Maximum number of applications	Maximum total dose per annum (l/ha)	Latest time of application
Natural surfaces not intended to bear vegetation, permeable surfaces overlying soil, hard surfaces.	10.0	-	20.0	-

Specific weeds controlled: As per approved product label

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.

#### GENERAL INFORMATION

DISCMAN BIOGRADE is a foliar applied weedkiller that controls most annual and perennial broad-leaved weeds and grasses. It is translocated from treated vegetative growth to underground roots, rhizomes or stolons. Leaf symptoms, being a reddening then yellowing of the foliage, are first seen on grass weeds but take longer to appear on broad-leaved weeds.

Perennial grass weeds must have a full emergence of healthy, green leaf that is growing actively at the time of application. Common couch reaches the susceptible stage of growth when tillering and new rhizome growth begins. This usually occurs when plants have 5-6 leaves each with 12-15 cm (5-6") of new growth.

The majority of perennial broad-leaved weeds are most susceptible if treated when they are growing actively and are at or near flowering.

Annual weeds should be growing actively with grasses having at least 5 cm (2") of leaf and broad-leaved weeds at least two expanded true leaves when sprayed.

Weeds become less susceptible to DISCMAN BIOGRADE when their growth is restricted by natural senescence or by drought, frost, high temperature or waterlogging. Reduced control will result if such conditions occur at or immediately after spraying.

Note: DISCMAN BIOGRADE does not give acceptable control of horsetail, *Equisetum arvense*.

#### WEATHER CONDITIONS

A period of 6 hours but preferably 24 hours or more free of rain must follow spraying. Weeds suffering from drought stress may not be adequately controlled. Do not spray in windy conditions as spray droplets blown onto crops or valued amenity plants or grassed areas might damage them or cause their loss. Do not spray during frosty weather that prevents active growth and can induce weed senescence.

### LAND NOT INTENDED TO BEAR VEGETATION

General use, including use on amenity and industrial areas

Area of use	Dose	Remarks
- Around buildings	Perennial broad-leaved weeds present	Apply at any time of the year when weeds are showing green leaf and are actively growing. Weeds germinating after application will not be controlled. Avoid droplets falling or being blown onto crops, lawns, amenity plants or any desirable species.
- On industrial sites	10 litres/ha	
- Firebreaks	General use	
- Pavements	7.5 l/ha	
- Verges along public paths and roadways		
- Around traffic signs and advertising hoardings		

DO NOT SPRAY HEDGE

BOTTOMS.

DO NOT USE UNDER GLASS OR

POLYTHENE.

Important: If poisonous weeds, such as ragwort, had been present before treatment, then grazing animals, such as horses, should be kept clear of treated areas until such time that poisonous weeds have been removed.

#### APPLICATION

DISCMAN BIOGRADE must be applied by specialist CDA equipment with an approved droplet spectrum (VMD min 200 microns)

Shake the container of DISCMAN BIOGRADE thoroughly then attach it directly to the CDA sprayer as per the sprayer instructions handbook.

Choose a disk for the CDA Sprayer with a spray pattern appropriate to the task in hand.

Disk	Spray characteristics	Typical uses
Spiral disc	- Spray width up to 60 cm.	Narrow or confined areas requiring greater placement accuracy, such as in the environs of desirable non-target plants. Small occasional areas of weeds.
Square disc	- Coarse droplets with few droplets falling out of the target 60 cm band.	
	- Limited coverage of numerous or small weeds.	
Serrated disc	- Spray width more than 60 cm.	Larger areas distanced from desirable non-target plants.
	- Finer droplets with greater tendency for these to be carried out of the target area.	
	- Capable of giving good coverage of numerous or small weeds.	

### SOILS

DISCMAN BIOGRADE may be used to control weeds on all mineral or organic soils or surfaces, including ash and gravel. Only weeds showing green leaf at the time of application can be killed. There is no residual activity with Discman Biograde.

#### FUTURE PLANTING

DISCMAN BIOGRADE has no long-lasting weedkilling ability in soils after application. Suitable soils may be planted up with trees 7 days after application, if required. Other amenity plants and grasses may be planted or sown 14 days after treatment after the treated vegetation has died back or after cultivation. Under normal weather conditions, cultivations may be conducted 5 days after treatment. Under poor growing conditions wait for the characteristic red/yellow leaf symptoms to appear before cultivating.

#### WEED RESISTANCE STRATEGY

There is low risk of weeds developing resistance to DISCMAN BIOGRADE. Growers are encouraged to implement a weed resistance strategy based on good cultural practices and good plant protection practices. Good practice is achieved and enhanced by:

- Following these label recommendations.
- Adopting complementary weed control measures.
- Minimising the spread of weeds and their seeds.
- Implementing good spraying practices to achieve maximum weed control.
- Using the correct nozzles to maximise weed coverage.
- Applying only under appropriate weather conditions.
- Monitoring performance and reporting unexpected results to Barclay Chemicals Ltd.

#### CARE OF EQUIPMENT

Clean the sprayer thoroughly after use following the procedure recommended in the handbook of the CDA spraying equipment. Traces of weedkiller left in poorly cleaned equipment might damage valuable plants or crops if the equipment is later used for some other application. Ideally keep a sprayer solely for applying DISCMAN BIOGRADE.

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