

Cadou[®] Star



Cadou[®] Star

FOLLOWING CROPS and CROP FAILURE

After applying Cadou Star, the following crops may be grown: wheat, rye, triticale, sugar beet, field beans, peas, soya, sorghum and sunflowers after surface cultivation or ploughing, oats and barley after ploughing. In the event of failure of a maize crop treated with Cadou Star replacement crops possible are: maize, sweet corn, and potatoes after surface cultivation or ploughing.

MIXING AND SPRAYING

Add recommended quantity of Cadou Star to the spray tank half-filled with the required quantity of clean water. Add the remainder of the water with the sprayer agitation system in operation. Maintain agitation during mixing and loading and until spraying is complete. Do not leave the sprayer standing with chemical in it. Wash out the sprayer thoroughly after use using a minimum of two rinses.

© Bayer CropScience 2010



Cadou[®] Star

1Kg e

H

A residual herbicide for the pre-emergence control of a range of annual grasses and broad leaved weeds in forage and grain maize.

A water dispersible granule formulation containing 100 g/kg isoxaflutole and 480 g/kg flufenacet

Approval holder:

Bayer CropScience Limited
230 Cambridge Science Park
Milton Road, Cambridge CB4 0WB

Marketing company:

Bayer CropScience Limited, Bayer Limited
The Atrium, Blackthorn Road
Sandyford, Dublin 18
Telephone: 1 800 818 534

For 24 hour emergency information contact Bayer CropScience Limited: Telephone: 1 800 409 399

Risk and Safety Information

A water dispersible granule formulation containing 100 g/kg isoxaflutole and 480 g/kg flufenacet.



HARMFUL



DANGEROUS FOR THE ENVIRONMENT

Harmful if swallowed.

Irritating to eyes.

May cause sensitisation by skin contact.

Harmful: danger of serious damage to health by prolonged exposure if swallowed.

Possible risk of harm to the unborn child.

Very toxic to aquatic organisms, may cause long-term effects in the aquatic environment.

Keep out of reach of children.

Keep away from food, drink and animal feedingstuffs.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Wear suitable protective clothing and gloves.

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

Use appropriate containment to avoid environmental contamination.

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

PCS No. 03439



Cadou[®] Star

Crop	Maximum individual dose:	Maximum number of applications:	Latest time of application:
Forage and grain maize	0.85 Kg product per hectare	1 per crop	Pre-emergence

SAFETY PRECAUTIONS

Operator Protection

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS), SUITABLE PROTECTIVE GLOVES AND FACE PROTECTION (FACESHIELD) when handling the concentrate.

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) AND SUITABLE PROTECTIVE GLOVES when handling contaminated surfaces.

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) during application.

IF YOU FEEL UNWELL, seek medical advice immediately (show the label where possible).

WHEN USING DO NOT EAT, DRINK OR SMOKE

WASH HANDS AND EXPOSED SKIN before eating and drinking and after work.

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.

Take extreme care to avoid drift onto crops and non-target plants outside the target area.

Storage and Disposal

KEEP IN ORIGINAL CONTAINER, tightly closed in a safe place. EMPTY CONTAINER COMPLETELY and dispose of safely. DO NOT RE-USE CONTAINER FOR ANY PURPOSE.

PROTECT FROM FROST

IE79873972b rA1a



Cadou[®] Star

RESTRICTIONS

DO NOT use Cadou Star on soils with both a percentage of sand above 70% and containing less than 2% organic matter. DO NOT use Cadou Star on maize crops intended for seed production as safety to seed crops has not been established. DO NOT treat in windy conditions in order to avoid any risk of drift over other crops. Crops of beet and sunflowers are particularly sensitive to this risk.

WEEDS CONTROLLED

Strains of some annual grasses (e.g. black-grass, wild oats and Italian ryegrass) have developed resistance to herbicides which may lead to poor control. A strategy for preventing and managing such resistance should be adopted.

Key aspects of the Cadou Star Resistance Management Strategy are:

- ALWAYS follow WRAG guidelines for preventing and managing herbicide resistant weeds
- DO NOT use Cadou Star as the sole means of grass weed or broad-leaved weed control in successive crops
- ALWAYS use grass and broad-leaved weed herbicides with alternative modes of action throughout the cropping rotation
- ALWAYS monitor weed control effectiveness and investigate any odd patches of poor grass or broad-leaved weed control. If unexplained contact your agronomist who may consider a resistance test appropriate.

WEED	PRE-EMERGENCE SUSCEPTIBILITY
Broad-leaved weeds	
Annual mercury	Moderately Resistant
Black bindweed	Moderately Resistant
Black nightshade	Susceptible
Common amaranth	Susceptible
Common chickweed	Susceptible
Common ragweed (<i>Ambrosia artemisiifolia</i>)	Susceptible
Fat hen	Susceptible
Knotgrass	Moderately Resistant
Pale persicaria	Susceptible
Redshank	Moderately Susceptible
Wild radish / runch	Moderately Susceptible

Grass weeds	
Barnyardgrass (<i>Echinochloa crus-galli</i>)	Susceptible
Bristle-grasses (<i>Setaria species</i>)	Susceptible
Common Millet (<i>Panicum mliaceum</i>)	Moderately Susceptible
Hairy Finger-grass (<i>Digitaria sanguinalis</i>)	Susceptible

Established perennial grasses and broad-leaved weeds growing from rootstocks will not be controlled by Cadou Star. Some soil moisture is required for Cadou Star to be activated. Residual control may be reduced under prolonged dry conditions. As for other residual herbicides application to a fine, firm seedbed will optimise efficacy. Efficacy may be reduced where application is made to cloddy seedbeds.

CROP SPECIFIC INFORMATION

Apply Cadou Star pre-emergence of the maize crop. It is recommended that the product is applied before the maize seeds have germinated. Applications should generally be made within 4 days of sowing.

Use at a maximum rate of 0.85 kg of product per hectare. Apply via a horizontal boom sprayer. Apply in 200 to 300 litres of water per hectare as a MEDIUM spray. Lower water volumes of 100 to 200 litres water per hectare may also be used, however these volumes have not been supported by effectiveness or crop safety data. Good even spray coverage of the soil is essential.

Company Advisory Information: Good even spray coverage of the soil is most likely to be achieved by use of higher spray volumes (around 200 L/ha) rather than reduced spray volumes.

Ensure that spray swaths do not overlap. To prevent damage, care must be taken to avoid drift onto neighbouring crops. Only one application of Cadou Star should be made to the crop. Safety to crops grown for seed has not been established.

Where Cadou Star is used for maize crops grown under plastic a tank-mix with pendimethalin will be necessary to extend the spectrum of broad leaved weeds controlled.



7 9 8 7 3 9 7 2