

# nicosh 4 OD



**NICOSH 4% OD IS AN OIL DISPERSION FORMULATION CONTAINING 4 % W/W OF NICOSULFURON FOR THE CONTROL OF POST EMERGING WEEDS IN MAIZE**

The (COSHH) Control of Substance Hazardous to Health Regulations may apply to the use of this product at work



**WARNING**

**Nicosh 4% OD**

Very toxic to aquatic life with long lasting effects

Collect spillage

Dispose of contents / container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste.

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

MAPP 19044

**IMPORTANT INFORMATION  
FOR USE ONLY AS A PROFESSIONAL HERBICIDE**

| CROP         | Maximum individual dose (L product/ha) | Maximum total dose (L product/ha/crop) | Latest timing of application          |
|--------------|--|--|---------------------------------------|
| Forage maize | 1.0                                    | 1.0                                    | Up to and including 8 true leaf stage |

**Other specific restrictions:**

To protect aquatic organisms respect an unsprayed buffer zone of 5m to surface water bodies.

To avoid the buildup of resistance, do not apply this or any other product containing an ALS inhibitor herbicide with claims for control of grass-weeds more than once to any crop.

Extreme care must be taken to avoid spray drift onto non-crop plants outside of the target area.

**READ THE LABEL BEFORE USE. USING THIS PRODUCT IN A MANNER THAT IS INCONSISTENT WITH THE LABEL MAY BE AN OFFENCE. FOLLOW THE CODE OF PRACTICE FOR USING PLANT PROTECTION PRODUCTS.**

**SHAKE WELL BEFORE USE  
PROTECT FROM FROST**

**SAFETY PRECAUTIONS**

**Operator Protection**

WASH CONCENTRATE from skin or eyes immediately.

DO NOT BREATHE SPRAY.

WASH HANDS AND EXPOSED SKIN before meals and after work.

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

**This product is approved under regulation (EC) 1107/2009**

**Batch No/Date of Manufacture.**

Approval holder and marketing company: Sharda Europe B.V.B.A.,  
Jozef Mertensstraat 142, 1702 Dilbeek, Belgium.

## Environmental protection: RISK TO NON-TARGET INSECTS OR OTHER ARTHROPODS. See Directions for use.

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).

Extreme care must be taken to avoid spray drift onto non-crop plants outside of the target area.

To protect aquatic organisms respect an unsprayed buffer zone to surface water bodies in line with LERAP requirements.

DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within 5 m of the top of the bank of a static or flowing water body, unless a Local Environment Risk Assessment for Pesticides (LERAP) permits a narrower buffer zone, or within 1 m of the top of a ditch which is dry at the time of application. Aim spray away from water.

This product qualifies for inclusion within the Local Environment Risk Assessment for Pesticides (LERAP) scheme. Before each spraying operation from a horizontal boom sprayer, either a LERAP must be carried out in accordance with CRD's published guidance or the statutory buffer zone must be maintained. The results of the LERAP must be recorded and kept available for three years.

### Storage and disposal

KEEP OUT OF THE REACH OF CHILDREN

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDINGSTUFFS

KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place.

THIS MATERIAL AND ITS CONTAINER MUST BE DISPOSED OF IN A SAFE WAY.

WASH OUT CONTAINER THOROUGHLY by using an integrated pressure rinsing device or manually rinsing three times. Add the washings to the sprayer at the time of filling and dispose of safely.

### 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.**

Avoid spraying within 5 m of the field boundary to reduce effects on non-target insects or other arthropods

### RESTRICTIONS

DO NOT spray crops suffering from drought or other physical or chemical stress.

Do not apply if rain is expected within 6 hours of application.

Do not apply in mix or in sequence with a foliar treatment containing an organochlorine insecticide.

Do not apply once a soil insecticide based on an organophosphate like phorate has been used.

Do not apply in mixture or sequence with another sulfonyl-urea.

Do not mix with foliar or liquid fertilizers.

Under certain conditions some transient yellowing, and/or crop stunting or and/or loss of vigor can be seen from 1-2 weeks after treatment (2-8 leaves of maize). This is quickly outgrown and no yield effect has been shown. Some flower deformation may be seen on particularly sensitive varieties e.g. Rival. Applications should not be made to maize crops that are under stress, as this may lead to incidences or more persistent crop damage, such as loss of vigor, particularly when poorer growing conditions follow treatment. This may cause loss of yield. Take care to ensure that products are evenly applied at the recommended dose to a healthy crop.

### RESISTANCE

Strains of some annual weeds (e.g. black-grass, wild-oats and Italian rye-grass) have developed resistance to herbicides which may lead to poor control. A strategy for preventing and managing such resistance should be adopted. Guidelines have been produced by the Weed Resistance Action Group (WRAG) and copies are available from the AHDB, CPA, your distributor, crop advisor or product manufacturer.

NICOSH 4% OD contains nicosulfuron which is an ALS inhibitor, also classified by HRAC as 'Group B'.

Use only as part of a resistance management strategy that includes cultural methods of control and does not use an ALS inhibitor as the sole chemical method of grass-weed control.

Use in sequence with other herbicides which have a different mode of action to avoid resistance building up, particularly when forage maize is repeatedly grown in the same fields.

### MIXING & APPLICATION

Sprayers should be THOROUGHLY CLEANED before use and filters and jets checked for damage and blockages. Half fill the spray tank with clean water and begin agitation. Add the required amount of NICOSH 4% OD to the spray tank and complete filling. Continue agitation until spraying is complete.

Apply NICOSH 4% OD at the dose rate of 1.0 l/ha between BBCH 12 and BBCH 18 in 200-400 litres of water per hectare as a MEDIUM quality spray. Ensure the amount of water is sufficient to permit good spray coverage of the foliage.

### Tank cleaning procedure

Clean applicator thoroughly after using:

- (1) Drain tank completely then flush tank, boom and hoses with clean water, then drain.
- (2) Half fill the tank with clean water and add an ammonia based solution (All Clear Extra – 1.0 litre per 200 litres water). Flush through boom and hoses, then allow to stand for 10 minutes with agitation. Drain completely.
- (3) Rinse the tank with clean water and flush through booms and hoses to remove traces of detergent,
- (4) Repeat step (2).
- (5) Nozzles and filters must be removed and cleaned separately with the detergent solution at the same concentration as above.
- (6) The outside of the sprayer should be cleaned if it is contaminated with product.

### CROP SPECIFIC INFORMATION

#### FORAGE MAIZE

#### WEEDS CONTROLLED at 1.0 L product/ha

| Weed Species              | Susceptibility | Weed growth stage           |
|---------------------------|----------------|-----------------------------|
| Common Amaranthus         | S              | 12-16                       |
| Shepherd's purse          | S              | 12-16                       |
| Fat Hen                   | MR             | 12-16                       |
| Purple dead nettle        | S              | 12-16                       |
| Black bindweed            | MS             | 12-16                       |
| Common groundsel          | S              | 12-16                       |
| Common chickweed          | S              | 12-16                       |
| Field pennycress          | S              | 12-16                       |
| Common field speedwell    | R              | 12-16                       |
| Field Pansy               | MR             | 12-16                       |
| <b>Grass weed species</b> |                |                             |
| Dockspur grass            | S              | 2 leaves to early tillering |
| Annual meadow grass       | S              | 2 leaf stage only           |

#### *S-susceptible MS-moderately susceptible MR-Moderately resistance R-resistant*

When Nicosh 4% OD is applied for control of other weeds, some activity against wild oats can be seen.

**Following Crops:** It is recommended to plant only cereals or forage maize as the following crops. Winter wheat can be drilled 4 months after application of 1.0 l/ha of Nicosh 4% OD, forage maize can be sown in the following spring and all other crops from the following autumn onwards. In case of crop failure, only maize can be sown after ploughing

In case wheat is the following crop, it should not be undersown.

**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 the weather conditions before, during or 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 re-sellers 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.