

HERBICIDE

BOTIGA®

Net content:

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Herbicide for the control of a range of broad-leaved weeds in maize (forage and grain)

FOR USE ONLY AS A PROFESSIONAL HERBICIDE

Oil dispersion (OD) formulation containing 300 g/L pyridate and 90 g/L mesotrione.

MAPP No.: 19759

GROUP

C3

F2

HERBICIDES

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

24-hour emergency number: 0032 14 58 45 45
Technical enquiries: 01480 403333



The Voluntary Initiative

This label is compliant with the CPA Voluntary Initiative Guidance

Production date / Batch number: see packaging

Marketing company:

Belchim Crop Protection Limited

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BELCHIM
CROP PROTECTION

Approval holder: **Belchim Crop Protection NV/SA**
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DANGER



BOTIGA® – Oil dispersion formulation (OD) containing 300 g/L pyridate and 90 g/L mesotrione

UFI: X7T2-C0TE-200P-WSYQ

- H302** Harmful if swallowed
- H315** Causes skin irritation
- H317** May cause an allergic skin reaction
- H318** Causes serious eye damage
- H361d** Suspected of damaging the unborn child
- H410** Very toxic to aquatic life with long lasting effects

- P261 Avoid breathing spray
- P273 Avoid release to the environment
- P280 Wear protective gloves, protective clothing, eye protection, face protection
- P305+P351+P338+P310 **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a **POISON CENTRE** or doctor/physician
- P333+P313 If skin irritation or rash occurs: Get medical advice/attention
- P362+P364 Take off contaminated clothing and wash it before reuse
- P391 Collect spillage
- P501 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

EUH401 To avoid risks to human health and the environment, comply with the instructions for use.

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

Crops	Maximum individual dose (L product / ha)	Maximum total dose (L product / ha / crop)	Latest time of application
Forage maize, grain maize	1	1	Up to and including 8 true leaves

Other specific restrictions:

To protect surface waters, do not apply before 1 May or after 1 July

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.**

The following Aquatic Buffer Zones must be observed:

Crops/situations	Aquatic buffer zone distance (metres):
Forage maize, grain maize	5

SAFETY PRECAUTIONS

Operator protection

ENGINEERING CONTROL OF OPERATOR EXPOSURE must be used where reasonably practicable in addition to the following personal protective equipment:

- Operators must wear suitable protective clothing (coveralls), suitable protective gloves and face protection (faceshield) when handling the concentrate

However, engineering controls may replace personal, protective equipment if a COSHH assessment shows they provide an equal or higher standard of protection.

- WASH CONCENTRATE from skin or eyes immediately.
- WASH HANDS AND EXPOSED SKIN before meals and after work.
- WHEN USING DO NOT EAT, DRINK OR SMOKE.

Environmental protection

- 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 metres of the top of the bank of a static or flowing water-body, unless a Local Environmental Risk Assessment for Pesticides (LERAP) permits a narrower buffer zone, or within 1 metre of the top of a ditch which is dry at the time of application.
- Aim spray away from water.
- Spray from hand-held sprayers must not be allowed to fall within 1m of the top of the bank of a static or flowing waterbody. Spray must be aimed away from water.
- This product qualifies for inclusion within the Local Environmental 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 published guidance or the statutory buffer zone must be maintained. The results of the LERAP must be recorded and kept available for 3 years.
- To protect surface waters, do not apply before 1 May or after 1 July.
- Extreme care must be taken to avoid spray drift onto non-crop plants outside of the target area
- Do not contaminate water with the product or its container. Do not clean application equipment near surface water and avoid contamination via drains from farmyards and roads.

Storage and disposal

- KEEP OUT OF REACH OF CHILDREN.
- KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDINGSTUFFS.
- KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place.
- Keep away from heat / sparks / open flames / hot surfaces.
- The containers must be stored in a frost free and moisture free place. The location should be well ventilated.
- Store between 0°C and 30°C.
- DO NOT RE-USE CONTAINER FOR ANY OTHER PURPOSE.

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.

Resistance strategy

BOTIGA contains pyridate and mesotrione. Pyridate is classified as belonging to HRAC Group C3. Mesotrione is classified as belonging to HRAC Group F2.

Frequently spraying the same field with herbicides containing active substances belonging to the same chemical family or having the same mode of action, can lead to the development of weed resistance.

To reduce the risk of resistance development, it is recommended to alternate, use in mixture or in sequence with herbicides having other modes of action, particularly in continuous maize, as part of a weed resistance management plan. Crop rotation, in which herbicides with different modes of action are used, can be practised as an alternative to reduce the risk of resistance development.

Restrictions:

- The temperature of the diluted spray solution and air should be above 10°C at spraying
- Avoid overlapping spray swaths
- Avoid spray drift onto plants outside the target area
- Do not apply to maize crops under stress e.g. from drought, nutrient deficiency or where a previous treatment has de-waxed the leaves
- Do not apply immediately after a period of prolonged cold weather if plant growth has been slowed down; wait for active growth of the crop to resume.
- Do not re-enter treated crops until the spray deposit has dried.
- Do not apply if the crop is wet.

CROP SPECIFIC INFORMATION

BOTIGA contains a contact herbicide for selective control of certain annual broad-leaved weeds and grass weeds and has some minor residual activity. Application should be made when all weeds have emerged, provided that the crop is within the correct stage of growth and not under stress. Best results are obtained from a fine spray applied whilst the weeds are small and actively growing and before the crop forms a canopy of foliage over the weeds. When the crop canopy is protecting the weeds, spray volume should be increased.

WEEDS CONTROLLED

For optimum control the weeds should be treated between the cotyledon and 4 expanded true leaf stage and when the ambient daytime temperature is above 10°C. Do not apply during periods when night temperatures are consistently below 2°C or when day temperatures exceed 18°C. Weeds not emerged at the time of application will not be controlled properly.

Under optimum conditions when weeds are actively growing and between the 2 to 4 leaf stage, the following weeds are susceptible to BOTIGA:

Weed species	Susceptibility to BOTIGA
Black bindweed	Susceptible
Black nightshade	Susceptible
Common chickweed	Susceptible
Common field speedwell	Susceptible
Fat hen	Susceptible
Field pansy	Susceptible
Field pennycress	Susceptible
Red deadnettle	Susceptible
Scarlet pimpernel	Susceptible
Shepherd's purse	Susceptible
Volunteer oilseed rape	Susceptible
Cockspur	Moderately susceptible
Knotgrass	Moderately resistant

APPLICATION

Timing: Apply BOTIGA between the 2 leaf and the 8 leaf stage of the maize crop. Applications should not be made before the 2 leaf stage.

Dose: Apply BOTIGA at a maximum individual dose rate of 1.0 L/ha. If preferred, the treatment can be applied as a split dose treatment of two applications of 0.5 L/ha with a 7 day interval. Maximum total dose per crop: 1.0 L/ha.

PREPARATION OF THE SPRAY SOLUTION

Half fill the spray tank with clean water and begin agitation. Add the required quantity of BOTIGA to the spray tank and complete filling. Wash out empty containers three-times with water and add washings to the spray tank. Agitate spray tank contents thoroughly whilst filling and throughout the spraying operation.

Do not leave the spray liquid in the sprayer for long periods (such as during meal-breaks or overnight). Do not prepare more spray than is required.

After spraying, thoroughly wash out the sprayer and triple rinse equipment with clean water according to the manufacturer's guidelines and DEFRA Code of Practice for Using Plant Protection products. Dispose of washings and containers according to those Codes of Practice and local authority guidelines.

Water volume and spray quality

Apply BOTIGA in a water volume of 200-400 litres water per hectare. Good spray coverage is essential for effective weed control and therefore a FINE to MEDIUM quality spray (as defined by BCPC) is preferred for application of BOTIGA. Choice of nozzle is determined by consulting manufacturer's literature and selecting

a nozzle that produces a fine or medium quality spray at an output consistent with the nozzle spacing on the boom, chosen forward speed, required spray volume and operating in the range 2-3 bar.

Tank mixtures and sequences

Consult Belchim Crop Protection Ltd for information regarding any tank mixtures and sequences.

FOLLOWING CROPS

Autumn

Following normal harvest of a maize crop treated with BOTIGA, cereal and grass crops can be safely sown in the autumn without ploughing. Peas and beans can be safely sown in the autumn but only after ploughing to 20cm. At least 4 months must elapse between application of BOTIGA and planting oilseed rape – ploughing to 20cm is necessary before planting.

Spring

Following normal harvest of a maize crop treated with BOTIGA, the following crops are safe to plant in the Spring without ploughing: maize, sweetcorn, oilseed rape, peas, beans, cereals and grass. Ploughing to 20cm is required before planting the following crops in the Spring: cabbage, carrot, lettuce and onions. Do not plant sugar beet or fodder beet.

Crop failure

In the event of crop failure following the application of BOTIGA, only maize, sweetcorn, cereals or grass can be planted immediately. Ploughing up to 20cm must precede the sowing of cereal species other than wheat.

COMPANY ADVISORY INFORMATION

WARRANTY: The seller makes no warranty, expressed or implied, concerning the use of the product other than indicated on the label. The purchaser and user shall assume all risk associated with the use and/or handling and/or storage of the product if this use and/or handling and/or storage are carried out contrary to label instructions.

DAMAGES: Buyer's or user's exclusive remedy for damages for breach of warranty or negligence shall be limited to direct damage not exceeding the purchase price of the product, and shall not include incidental or consequential damages.

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To access the Safety Data Sheet for this product
scan the QR code or use the weblink below:



WEBLINK to specific data sheet
on manufacturer's website:

http://www.belchim.co.uk/pdf/MSDS/Botiga_MSDS.pdf

Alternatively, contact your supplier.

SPECIMEN

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