



Blazer™ 6 OD

Blazer™ 6 OD is a selective pre- and post- emergence herbicide for the control of both annual grasses and broadleaf weeds in maize.



Active ingredients

Mesotrione 4.0% + Nicosulfuron 2.0% w/v

Blazer™ 6 OD characteristics:

Chemical information:

Active ingredient: Mesotrione

Molecular formula: $C_{14}H_{13}NO_7S$

Mesotrione is a selective synthetic herbicide from HRAC/WSSA group 27(F2): Inhibition of hydroxyphenyl pyruvate dioxygenase (HPPD). HPPD is a key enzyme for biosynthesis of chemical molecules required for carotenoid production. Mesotrione is absorbed by the roots and leaves and translocates systemically within the target weed.

Active ingredient: Nicosulfuron

Molecular formula: $C_{15}H_{18}N_6O_6S$

Nicosulfuron a selective synthetic herbicide from HRAC/WSSA group 2(B): Inhibition of acetolactate synthase (ALS). ALS is essential for synthesis of branched chain amino acids. Weed control is expected within 3-4 weeks following application. Nicosulfuron is absorbed by roots and foliage and translocates systemically within the target weed.

- Combination of 2 active ingredients with different mode of action to reduce resistance risk and increase efficacy.
- Selective activity for enhanced crop safety.
- Excellent efficacy even at low active ingredient rate of application – decreases the amount of chemicals in the soil.
- Controls a wide range of broadleaf weeds and grasses.
- Both active ingredients, mesotrione and nicosulfuron, are approved for use in the European Union (EU).
- Flexible application timing: suitable for use both pre- and post- emergence.
- Systemic translocation of the active ingredients within the weed.

Innovative OD formulation:

The oil acts as adjuvant that increases the penetration and spray retention of **Blazer™ 6 OD** into the target weeds, enhancing the effectivity rate of the treatment.



Directions for use:

- **Blazer™ 6 OD** should be mixed with water to be ready for use and can be applied with any type of spraying equipment.
- Ensure full coverage of the weed canopy with the spraying mixture to achieve maximal efficacy.
- Always alternate with different mode of action herbicides to prevent resistance development.
- Do not apply if rain is expected within the next few hours or under conditions which favor runoff or wind erosion of soil containing the product to non-target areas.

Application rate:

Blazer™ 6 OD is active against a variety of annual grasses and broadleaf weeds, including but not limited to the following:

Crops	Application Rate	Application Timing
Maize	0.75 – 1 L/Ha	Pre-emergence: As for the maize. Post-emergence: When the crop is up to and including the 4th leaf stage.

Application notes:

- For optimal results spray when grasses are growing vigorously, preferably when grasses are less than 5cm tall and broadleaf weeds are less than 8cm tall.
- Use at least 200 L of spraying mixture per Ha.
- Higher application rate is suitable for heavier soil types.
- Applications should not be made to maize crops that are under stress as this may lead to incidences of 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.
- Do not apply Blazer 6OD through any type of irrigation system.

Commercial application of Blazer™ 6 OD:



Untreated



Blazer™ 6 OD
treated plot

Disclaimer: This product must be used strictly as directed and in accordance with the instructions appearing on the label. The supplier accepts no liability other than as indicated in the Supplier's 'terms and conditions of sale' and the warranty clauses indicated on the product label. Sellers guarantee is limited to the terms set out on the label and subject thereto. The buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

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