



Hill 220 OD™

Active Ingredients:

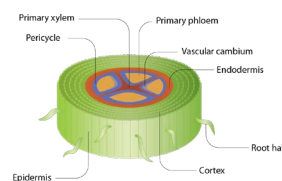
Nicosulfuron 20g/l + Atrazine 200g/l

Modern Post Emergence solution for cost effective, long lasting residual weed management in maize.



Characteristics

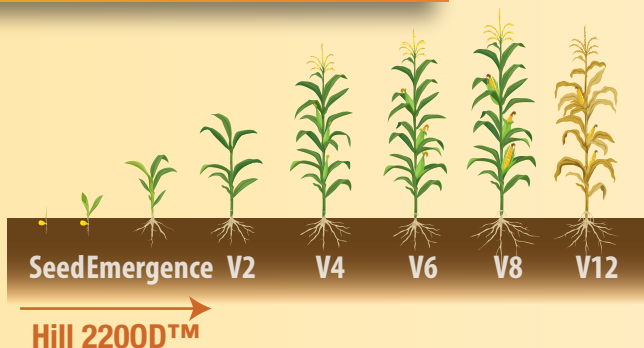
- Selective, systemic herbicide
- Absorbed both from the leaf surface and the root system with rapid translocation throughout the plant.
- Moves both in the xylem and the phloem.
- Accumulates in the meristematic tissues.



Hill 220OD™ combines 2 different active ingredients in a single OD formulation, exhibiting a highly synergistic action.

The combined application of both active ingredients in OD formulation results in greater efficacy than application of the two active ingredients stand-alone or in a tank mix.

Application Timing



Hill 220OD offers flexibility in post-emergence application timing

- Hill 220OD™ should be mixed with water to be ready for use.
- It may be applied with many types of spraying equipment.
- Do not apply this product through any type of irrigation system.
- Use clean water and avoid very hard water.

What is OD?

- OD is stable dispersion of active ingredients in oil.
- Each droplet contains all active ingredients in a single oil droplet covered by a oil film.
- In the usual, classic herbicide formulations, the A.I. are in water droplet covered by oil

The product contains oil as an emulsifier which provides advantages to the formulation:

- Carrier of the active ingredients into the lipophilic plant tissues.
- Increases the systemic activity
- Solvent of the Technicals in the formulation for enhanced safety.
- Safener – no phytotoxicity detected.
- Protects the A.I. from adverse conditions (UV, pH, heat, etc)
- Increased stability.





Application Rates

Crop	Weeds	Rate per 20Lt of water
Maize	Annual grasses, Broadleaf weeds	2.0L/Ha in 200L of water (200mls / 20L of water)

Important Note: The indicated crops and recommended rate of application mentioned in this Product informative sheet may not be applicable in the country where the product is intended to be used. User must refer and use the product only as per the official registration at the country of use and the approved uses and rates by the authorized authorities. The supplier will not be responsible or liable if the product is used on crops which are not listed on the official label as approved the ministry of agriculture at the country of use.

Nicosulfuron

- Selective, systemic herbicide.
- Nicosulfuron is absorbed both from the leaf surface and the root system with rapid translocation throughout the plant.
- Nicosulfuron moves both in the xylem and the phloem.
- Accumulates in the meristematic tissue.
- Acts by inhibiting the acetolactate synthase ALS (acetohydroxyacid synthase AHAS).
- WSSA Group 2.

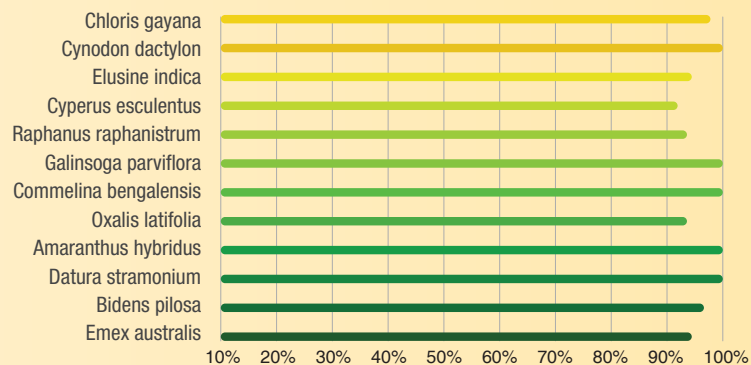
Atrazine

- Triazine herbicide absorbed mainly by the roots, but also from the foliage.
- Acts by inhibiting the photosynthesis at photosystem II.
- Atrazine is effective against broadleaf weeds and some grasses.
- WSSA Group 5.

To prevent the development of resistant weed biotypes, always alternate with herbicides with different mode of action through the season.

Field Trials

- Extensive field trials and commercial applications have proven the efficacy of Hill 2200D™ against a wide range of weeds.
- In Kenya (2019) Hill 2200D™ was tested for the control of grasses and broadleaf weeds in Maize with excellent results.



Conclusions of the trial

- Hill 2200D™ when applied in maize as a post-emergence herbicide significantly reduced grasses and broadleaf weeds.
- Hill 2200D™ had a positive effect on grain yield.

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