

Sineria

 **Maximus**[™]
537.5SE



Maximus 537.5SE™ is unique mixture of 3 effective active ingredients belonging to different herbicide groups.

Maximus 537.5SE™ offers an excellent solution for cost effective, long lasting residual weed management in maize, sugarcane and sorghum!

ACTIVE INGREDIENT CONTENT

Terbuthylazine
125 g/lit

Mesotrione
37.5 g/lit

Metolachlor
375 g/lit

Maximus™ delivers:

- Effective management of resistant weed biotypes
- Long lasting residual control
- Excellent crop safety when used as indicated
- As post-emergence can be applied up to the 2nd or 3rd leaf stage, offering an broad application window

Biological properties

Terbuthylazine is a Triazine herbicide absorbed mainly by the roots. Acts by inhibiting the photosynthesis at photosystem II. WSSA Group 5.

Mesotrione is a Triketone herbicide, mainly absorbed by the foliage and roots. Acts by inhibiting the 4-HPPD enzyme. Characteristic symptoms are whitening of leaves, followed by necrosis of the meristematic tissue. WSSA Group 27.

Metolachlor is a selective Chloroacetamide herbicide, absorbed predominantly by the hypocotyls and shoots. It inhibits germination and inhibits cell division. WSSA Group 15.

Application Rate – Maize, Sugarcane & Sorghum:

**1.6-2.0 lt of product / ha & use
100–160 lt of spraying mixture/ha**

- Higher rate suitable for heavier soil types.
- For optimal results:
 - Grasses less than 5cm tall &
 - Broadleaves less than 8cm tall

Crop rotation (in months)



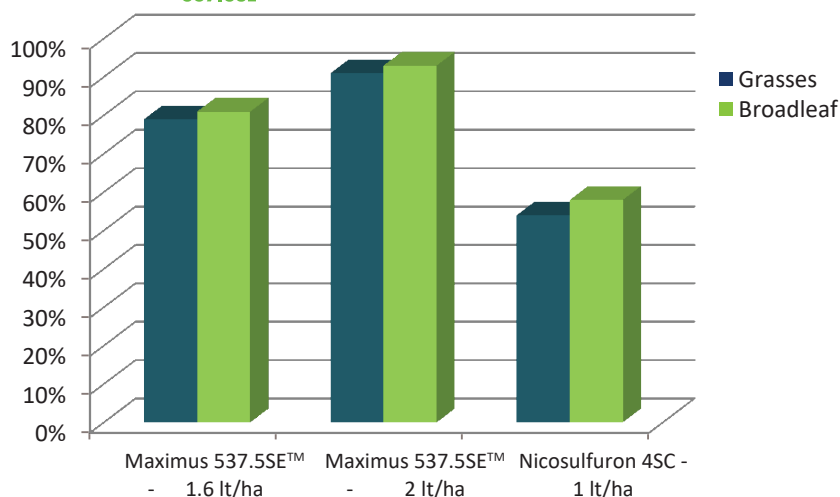
Application Timing:

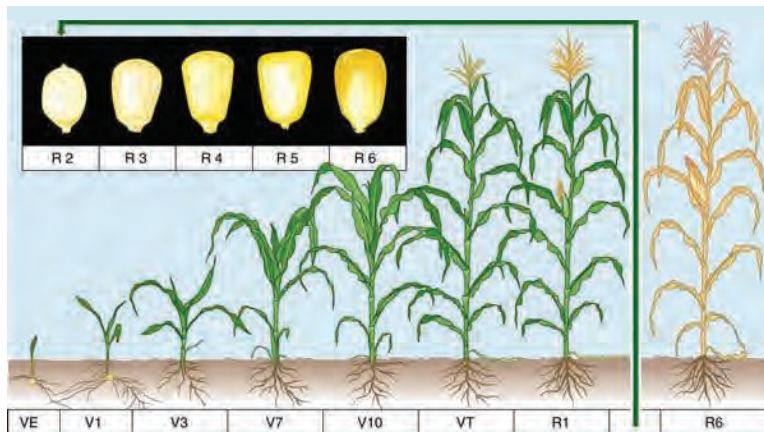
- **Pre-emergence:**
As for the cultivation
- **Post-emergence:**
When the crop is up to the 2nd or 3rd leaf stage

Susceptible weeds - Indicatively:

Barley grass, Common Cocklebur, Crabgrass, Common Purslane, Black Nightshade, Amaranth, Lambsquarters, Pigweed, Amaranth, Pigweed, Panicum, Annual Foxtail, Yellow Foxtail, Jimsonweed, Thistle, Spotted Ladythumb, Velvetleaf

Maximus™ field proven efficacy





Sineria comes to offer the Complete Package with 3 revolutionary and complementary products!

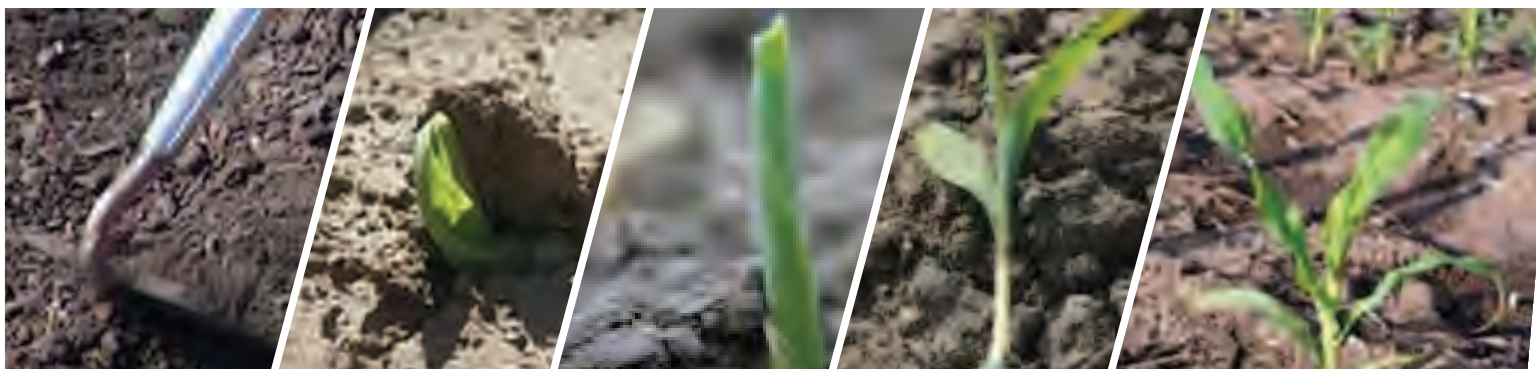
Farmer's must give maize the suitable environment to unlock its full potential!

Weeds adversely affect production in a number of ways:

- Inhibit seed germination and plant establishment
- Exploit nutrients and moisture from the soil due to competition
- Shade the emerging plants, reducing the available sunlight
- Hosts for harmful insects and diseases
- Result in reduced yield

In Maize, early weeding is essential to a good yield.

The most critical period of weed competition is during the first four weeks after the emergence of the crop. Weeds should be removed before maize reaches the 4-leaf stage.



Prime Gold

Maximus
537.5SE

Spencer
200.00

Prime Gold

- Metolachlor 29% + Atrazine 37%
- Rate: 2.5-3.0 lt/ha
- Application: Pre- and early post.
- **Targeted weeds:**
Broadleaf & annual grasses. Excellent action on nutsedge

Maximus
537.5SE

- Terbutylazine 125g/lt + Mesotrione 37.5g/lt + Metolachlor 375g/lt
- Rate: 1.6-2.0 lt/ha
- Application: Pre- and post; up to the 2nd or early 3rd leaf stage.
- **Targeted weeds:**
Broadleaf & grasses.

Spencer
200.00

- Mesotrione 4.0% + Nicosulfuron 2.0% + Terbutylazine 20.0%
- Rate: 2.0-2.5 lt/ha
- Application: Pre- and post; up to including 3rd leaf stage and early 4th leaf stage
- **Targeted weeds:**
Broadleaf & annual grasses.

Three different herbicides – Four different mode of action combinations!

- Suitable for resistance management programs.
- Always alternate between herbicides with different mode of action to prevent the development of resistant biotype weeds.



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