

Sineria

 **Maximus**[™]
537.5SE



Maximus 537.5SE™ is a 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 537.5SE 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

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

Application Timing:

• Pre-emergence:

As per the listed crops indicated on the label

• Post-emergence:

When the crop is up to the 2nd or 3rd leaf stage

Susceptible weeds - Indicatively:

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

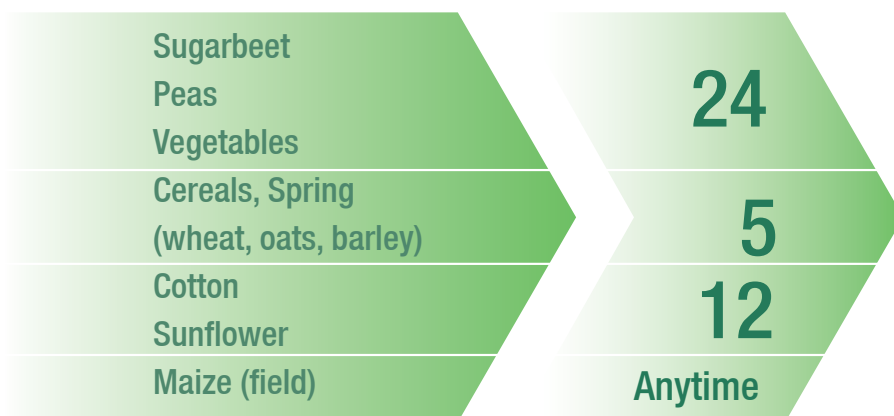
Biological properties

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

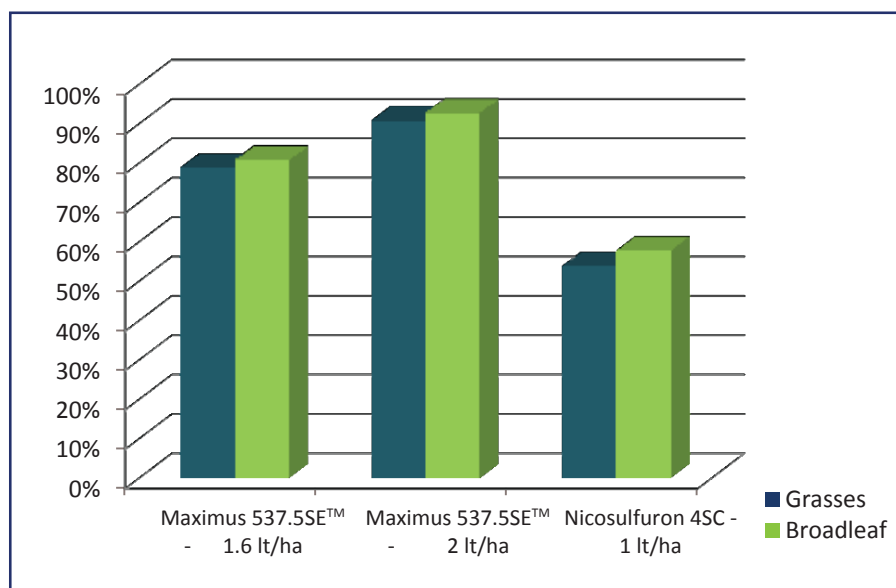
Mesotrione is a Triketone herbicide, mainly absorbed by the foliage and roots. Acts by inhibiting the 4-HPPD enzyme. Characteristic symptoms are whitening of leaves, followed by necrosis of the meristematic tissue. WSSA Group 27.

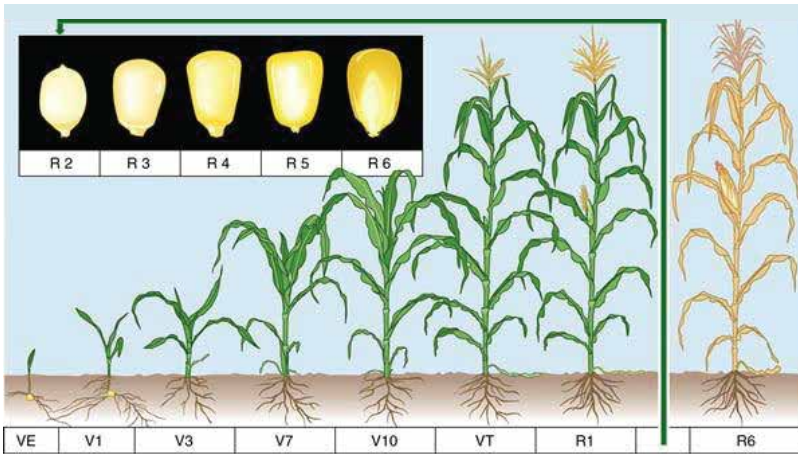
Metolachlor is a selective Chloroacetamide herbicide, absorbed predominantly by the hypocotyls and shoots. It inhibits germination and inhibits cell division. WSSA Group 15.

Crop rotation (in months)



Maximus 537.5SE 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
Prime Gold

Maximus
537.5SE

Spencer
20.0D

Prime Gold
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
20.0D

- 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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Supplier:

Sineria

SINERIA HOLLAND BV
Randwycksingel 20-A015
6229 EE Maastricht The Netherlands
www.sineria.com