



**Simba**<sup>®</sup>

## The King of pre-emergence grass control

**HERBICIDE**

S-metolachlor, 960 g/l

- Outstanding season-long control of grasses and some small-seeded broadleaf weeds
- Delivers superior crop safety, a wide application window and crop rotational flexibility
- Tank-mix flexibility

# Simba® –The King of pre-emergence grass control

With long-lasting control of most annual grasses and some small-seeded broadleaf weeds, Simba® eliminates early-season weed competition that threatens to reduce yields in maize, soybeans, potatoes, sunflower and a variety of other crops.

A flexible application window enables Simba to be applied as a pre-plant, pre-emergence or post-emergence on the crop.

Simba® contains S-metolachlor - a proven active ingredient for superior control of many important annual grasses and small seeded broadleaf weeds such as Rapoko grass, Bur bristle grass, Gallant soldier, Pigweed, Wandering Jew, Purple morning glory, Wild Okra.

## Mechanism of action

The new shoots of germinating weeds absorb Simba® during emergence. Once absorbed, the active ingredient controls weeds by producing a severe growth inhibition of seedling-shoot and root tissue soon after germination.

## Outperform competitors

The old metolachlor is comprised of two different isomers (S-isomer and R-isomer). The S-isomer are 6x more active on weeds than the R-isomer.

Simba® consists mainly of active S-isomer providing more powerful herbicidal properties.

Growers also choose Simba® due to its long-lasting weed control, unbeatable application flexibility and crop safety. Under optimal conditions, Simba® provides residual control of weeds for up to 8 weeks. This ensures optimum crop establishment and development.

## When to apply

In most cropping situations, Simba® can be applied before, at or immediately after planting before annual weeds and crops emerge.

Simba® doesn't have to be mechanically incorporated into the soil, however better results are usually observed where incorporation by rainfall, irrigation or mechanical means occurs within 10 days of application.

**Results from field trials conducted in 2019/2020 cropping season in Mhangura, Zimbabwe showed good pre-emergence value of Simba® against number of weeds.**



Simba®, 30 days after application



Untreated control, 30 days after application



CROPS	RATE - Lt/Ha	RATE-ml/16L water	WEEDS CONTROLLED	TIMING	REMARKS
Maize, Cotton, Soybean	1.3-1.5 (0-30% Clay)	104-120	Annual grasses and some broadleaf weeds	Pre-plant, Pre-emergence, Post-emergence	See respective label for details and limitations
Sunflower, Potato				Pre-plant, Pre-emergence	
Blueberries	1.5-1.8 (30+% Clay)	120-144		Pre-emergence	
Sugar Cane				Pre-emergence, Post-emergence	

**Application volume:** 200 litres of spray volume/ha

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