

# MAMBA 360 SL

A broad spectrum, systemic foliar applied herbicide for control of annual and perennial grass and broad leaved weeds in agriculture, non-crop and industrial areas.

## Active Ingredient

**Glyphosate 360g/lit** equivalent to 480g/lit Isopropyl amine salt of N-phosphonomethyl glycine.

## Mode of Action

Mamba 360 SL interferes with the synthesis of aromatic amino acids. When applied to the foliage of actively growing plants its active ingredient (Glyphosate) is absorbed through diffusion on green actively growing leaves and stems. It is then translocated throughout the plant down to the leaves inhibiting the production of aromatic amino acids essential for plant growth and development., thus causing the eventual death of the plant. Visible symptoms occur 4-7days in perennials which include wilting followed by chlorosis, that inturn leads to plant death.

## Spectrum of use

- In pre-plant weed control in annual crops such as cereals
- In established plantation crops such as coffee,tea, bananas, orchards
- In sugar cane in crop weed control as well as a growth regulator to increase sucrose content in sugar.
- In control of aquatic weeds
- In industrial weed control, along roads, railways, field verges, fence lines, air craft runways, around buildings, ditches and canals and amenity areas.
- In fire breaks, establishment and regrowth in forestry .
- In reduced or zero tillage systems in pasture and stubbles.

## Spectrum of control

Mamba 360SL will control both grass and broad leaved weeds.

**Grasses:** kikuyu grass, couch grass, star grass, yellow nutsedge, purple nutsedge, spear grass, thatching grass, water grass, guinea grass, rye grass, wild finger millet, wild oats

**Broadleaved weeds:** pig weed, black jack, fat hen, thorn apple, fleabane, devils thorn, purslane, oxalis, Mexican marigold, sowthistle, Mexican clover, wading jew, lantana spp, water fern.

## Directions for use

Apply Mamba 360SL post emergent to vigorously growing weeds directly onto the foliage and immature bark. Do not spray if rain is expected in 4hours or if foliage is wet.

## **Application Rates**

1. **Coffee and other field crops:** to control annual weeds, 1-4 leaf stage (10-15cm high), apply 1-1.5lt/ha or 200-300ml/20lt for perennial grasses and broadleaved weeds, apply 3-4lt/ha, depending on stage of growth and infestation of weeds.

2. **Cereals-pre-plant weed control:** to control grasses and broad leaved weeds apply at the rate of 1-1.5lt/ha for annuals. Increase the rate to 3-4lt /ha for the perennial weeds. For woody weeds, add 30ml of Derby\* to aid the efficacy.

## **Compatibility**

Mamba 360 SL can be tank mixed with Derby \*,Tordon \*101, sanaphen\* D, Diuron \*

## **To achieve the best performance**

- do not spray on drought or stressed plants
- use low volume of water (<150lt/ha) with fine droplets
- the target plants should be actively growing
- ensure the application equipments are clean and well calibrated with nozzles in good working order
- thorough contact with leaves is necessary for best results
- avoid contact with leaves, suckers, and green parts, of the non-target crops to avoid crop injury

## **ADVANTAGES:**

- eradicates hard to kill weeds such as the couch grass, sedges, kikuyu grass, star grass
- kills weeds completely right down to the roots
- has no residual activity in the soil – no persistence and offers no pre-emergence activity thus seeds can be seeded directly into the treated area.
- Does not affect the mature brown back of the crop
- Conserves moisture and soil structure thus preventing erosion and crop loss.
- Spraying saves time and money for other jobs required for cultivation to kill weeds.
- Saves energy –under minimum or zero tillage system use of mamba 360SL can reduce cost of land preparation by avoiding the expensive ploughing operations.
- Flexible in usage—can be used prior to planting all crops, in established plantation crops, in forestry, industrial weed control etc
- Environmental friendly-rapidly inactivated and degraded in soil and does not accumulate in food chain.

**AVAILABLE PACKS: 20x200ml, 12x500ml, 20x1lt, 4x5lt, 20lt,**

## **ALWAYS READ THE LABEL BEFORE USE**

***Marketed and distributed by***

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