

**Replanting:** If replanting is necessary in a field previously treated with IMAZAMAX, the field may be replanted to soybeans or groundnuts. Re-work the soil no deeper than the treated zone (50mm). **DONOT** apply a second treatment of IMAZAMAX.

#### MIXING INSTRUCTIONS:

Post-emergence applications of IMAZAMAX require the addition of a surfactant and a liquid fertilizer solution.

Add the required amount of IMAZAMAX to a partially filled tank while agitating and then fill the remainder of the tank. When tank mixing IMAZAMAX with recommended herbicides, add IMAZAMAX last once the spray mix is completely mixed. **DO NOT** apply IMAZAMAX through any type of irrigation system.

#### COMPATIBILITY:

A tank mix with a post emergence grass herbicide is NOT recommended as this may result in reduced grass weed control. Delay the application of a post-emergent grass herbicide seven days following the application on IMAZAMAX. If the grass herbicide is applied first, wait three days before applying IMAZAMAX.

#### SPRAYING INSTRUCTIONS:

Use only standard flat fan nozzles for post-emergence applications. Rainfall or irrigation within 7 days after application of IMAZAMAX is necessary so that the soil is moist to a depth of 50 mm. A cultivation is recommended if soil moisture is inadequate for maximum weed control.

#### WARNING:

Avoid spray drift on to adjacent crops.

Avoid the application of IMAZAMAX to acid soils with pH below 4.5. Avoid overlaps when spraying.

Allow 22 days between application and harvest, bailing or grazing of Lucerne.

#### DIRECTIONS FOR USE:

IMAZAMAX controls existing weeds and provides residual control of most weeds when applied early post-emergence in conservation tillage as well as conventional production systems. Apply IMAZAMAX as an early post-emergence treatment when weeds are actively growing and before they exceed a height of 75 mm (see table for specified weed sizes).

IMAZAMAX is applied early post-emergence in soybeans up to, but before flowering. Delay application until the majority of the weeds are at the recommended growth stage. Application timing should be based on weed size and not crop growth stage. **DO NOT** apply beyond flowering of the crop.

Apply IMAZAMAX to crops and weeds that are actively growing. Legume pasture may be treated at any time after the full emergence of the third trifoliate leaf and before flowering.

## TO CAUSE A HAZARD IN THE USE, STORAGE OR DISPOSAL OF THIS SUBSTANCE IS AN OFFENCE

#### PRECAUTIONS:

1. Handle with care and avoid breathing spray mist. Avoid contact with skin, eyes or clothing. Harmful if inhaled or absorbed through the skin.
2. KEEP OUT OF REACH OF CHILDREN.
3. KEEP APART FROM FOOD AND FOODSTUFFS.
4. Remove contaminated clothing and wash before re-use.
5. Wash exposed parts of the body with soap and water after use and before eating, drinking or smoking.
6. **DO NOT** CONTAMINATE PONDS, WATERWAYS AND DITCHES BY STORAGE OR DISPOSAL.
7. Triple rinse empty containers: invert the empty container over the spray tank or mixing tank and allow to drain for at least 30 seconds after the flow has slowed down to a drip. Thereafter, rinse the container 3 times with a volume of water equal to a volume of 10% of this container. Add the rinsing to the contents of the spray tank.
8. Destroy empty containers by puncturing and burying. **DO NOT** use for any other purpose.
9. KEEP FROM FREEZING. **DO NOT** store below 0°C.
10. Store in original container, tightly closed and KEEP UNDER LOCK AND KEY.

#### SYMPTOMS OF POISONING:

No specific symptoms.

#### FIRST AID:

**If on skin:** Wash skin with plenty of soap and water. Get medical attention if irritation occurs.

**If in eyes:** Flush eyes with large amounts of water. Get medical attention if irritation occurs

**If swallowed:** Drink two glasses of water. Induce vomiting. Get medical attention if person feels unwell.

**If inhaled:** Remove subject to fresh air. Treat symptomatically.

#### NOTE TO PHYSICIAN:

There is no known antidote for exposure to this material. Treatment of overexposure should be directed at the control of symptoms and clinical condition. Accidental or deliberate ingestion of this product may produce signs and symptoms of ethylene glycol poisoning, including severe metabolic acidosis, oxaluria, hypocalcemia and renal failure due to crystalluria. Treatment with intravenous bicarbonate to combat acidosis and ethanol to inhibit the metabolism of the glycol to oxalate may be necessary.

#### WARRANTY:

This product and the recommendations concerning its use should give excellent results, but since the performance and effectiveness of crop protection chemicals can be greatly influenced by factors outside the manufacturer's control, the manufacturer and seller give no guarantee or warranty, expressed or implied, concerning the use of this product and they assume no responsibility for damage or injury arising from the use thereof.

# IMAZAMAX SL

REG. NO.:

15-C-141-3

NET CONTENTS:

1 Liter



**HARMFUL IF SWALLOWED**

Composition: (mass/volume)

Imazamox .....40 g/l

Inert ingredients.....960 g/l

Chemical group: IMIDAZOLINONE

**A BROAD SPECTRUM POST-EMERGENCE HERBICIDE FOR USE IN SOYABEANS, GROUNDNUTS AND LEGUME PASTURES**

**Registered By: Pivotal Agro-Services (Pvt) Ltd  
37 Kenmark Crescent  
Bluff Hill Industrial Park  
Harare, Zimbabwe**

**Telephone: +263 242 309825/7**

**Mobile: +263 71 220 4946/7, +263 77 321 2051**

**Date of manufacture: 15/05/2023**

**Batch No.: 2304006**

**GENERAL INFORMATION:** IMAZAMAX is an aqueous solution formulation. The mode of weed-killing involves uptake of IMAZAMAX by the roots and foliage and rapid translocation to the growing tips where it stops weed growth. Susceptible weeds may emerge, but growth stops soon afterwards. These weeds will either die or will not compete with the crop. Adequate soil moisture is essential for IMAZAMAX to provide residual control of susceptible germinating weeds. Activity on established weeds will depend on the weed species and the development of its root system in the soil. Signs may not appear for several days but soon after post-emergence application, susceptible weeds stop growing and competing with the crop and death occurs within 4-6 weeks. Occasionally internode shortening and/or temporary yellowing of crop plants may occur. These effects occur infrequently and are temporary. Normal growth and appearance should resume within one to two weeks and crop yield will NOT be affected.

**POST-EMERGENCE APPLICATIONS:**

POST-EMERGENCE APPLICATIONS OF IMAZAMAX REQUIRE THE ADDITION OF A SURFACTANT AND SPRAY GRADE LIQUID FERTILIZER

**Surfactant:** Use a silicone-based surfactant (ECKOSIL) at the rate of 50ml/100 litres water.

**Fertilizer:** Use a nitrogen-based liquid fertilizer at the rate of 2.0 litres/100 litres water.

**RAINFASTNESS:**

IMAZAMAX should be applied a minimum of one hour before rainfall or overhead irrigation.

**RATES FOR POST-EMERGENCE APPLICATION OF IMAZAMAX (% clay content: all soil types)**

Crop	IMAZAMAX	SURFACTANT	AMMONIUM SULPHATE
Soyabeans	900 ml/Ha	50 ml/100 litres	2 litres/100 litres
Groundnuts	900 ml/Ha	water	water (2%)
Lucerne	1,2 l /Ha		
Legume pastures	1,2 l/Ha		

**ROTATIONAL CROPS**

Field observations indicate that dosage, application timing, soil moisture and climatic conditions influence the level of IMAZAMAX residues in soil. In general, maize, wheat, barley and legume crops have not been adversely affected when planted in rotation following soyabeans treated with IMAZAMAX herbicide at the recommended dose rate of 900 ml/ha. If less than 300 mm of rain falls in the season, please consult your distributor before planting a sensitive follow crop. Use of IMAZAMAX herbicide in accordance with label directions is expected to result in normal growth of rotational crops in most situations. However, various environmental and agronomic factors make it impossible to eliminate all risks associated with the use of this product and, therefore, rotational crop injury is always possible (see rotational crop table).

**The following rotational crops may be planted after applying IMAZAMAX at the recommended rate:**

Anytime	4 months after IMAZAMAX application	9 months after IMAZAMAX application
Soyabeans	Barley	Maize
Groundnuts	Wheat	Cotton
Dry Beans	Peas	Edible beans and peas
Lucerne	Rye	Potatoes
		Tobacco
		Grain sorghum

**ANNUAL GRASSES AND SEDGES CONTROLLED BY IMAZAMAX:**

SCIENTIFIC NAME	COMMON NAME	POST-EMERGENCE
		maximum weed size (mm)
<i>Cyperus esculentus</i>	Yellow nutsedge	R50
<i>Cyperus rotundus</i>	Purple nutsedge	R50
<i>Digitaria sanguinalis</i>	Finger grass	C50
<i>Echinochloa colona</i>	Jungle rice	C50
<i>Eleusine indica</i>	Rapoko grass	R50
<i>Melinis (Rynchelytrum) repens</i>	Natal red top	C50
<i>Panicum maximum</i>	Guinea grass	C50
<i>Rottboellia cochinchinensis</i>	Shamva grass	R50
<i>Setaria pumila</i>	Annual timothy	C50
<i>Setaria verticillata</i>	Bur grass	C50
<i>Triticum aestivum</i>	Volunteer wheat	R50
<i>Urochloa panicoides</i>	Garden urochloa	R50

**NOTE: C = CONTROL; R = REDUCED COMPETITION**

**BROADLEAF WEEDS CONTROLLED BY IMAZAMAX:**

SCIENTIFIC NAME	COMMON NAME	maximum leaf stage	maximum weed size (mm)
<i>Acanthospermum hispidum</i>	Upright starbur	R	R
<i>Ageratum conyzoides</i>	Billygoat weed	4	C75
<i>Amaranthus hybridus</i>	Pigweed	8	C100
<i>Amaranthus thunbergii</i>	Red pigweed	4	C75
<i>Bidens pilosa</i>	Blackjack	2	R50
<i>Chenopodium album</i>	Fat hen	R	R
<i>Cleome monophylla</i>	Spindlepod	4	C75
<i>Commelina benghalensis</i>	Wandering Jew	2	R50

**BROADLEAF WEEDS CONTROLLED BY IMAZAMAX (continued):**

SCIENTIFIC NAME	COMMON NAME	maximum leaf stage	maximum weed size (mm)
<i>Datura stramonium</i>	Thorn apple, stinkblaar	4	C75
<i>Euphorbia heterophylla</i>	Milkweed	4	C75
<i>Galinsoga parviflora</i>	Gallant soldier	2	R50
<i>Hibiscus meeusei</i>	Wild stockrose	4	C75
<i>Ipomoea plebia africana</i>	Sabi morning glory	2	R50
<i>Leucas martinicensis</i>	Bobbin weed	4	C75
<i>Nicandra physaloides</i>	Apple of Peru	4	C75
<i>Oxalis latifolia</i>	Garden sorrel	2	R50
<i>Physalis angulata</i>	Wild gooseberry	4	C75
<i>Portulaca oleracea</i>	Purslane	2	R/C50
<i>Richardia scabra</i>	Mexican clover	2	R/C50
<i>Tagetes minuta</i>	Mexican marigold	2	C50
<i>Tithonia rotundifolia</i>	Red sunflower	2	C50
<i>Tribulus terrestris</i>	Devil's thorn	-	C
<i>Xanthium strumarium</i>	Common cocklebur	4	C75

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**FOR FURTHER INFORMATION ON THIS PRODUCT, CONTACT:**

**PIVOTAL AGRO-SERVICES, PHONE: +263 242 309825**

95mm

105mm

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