



Imazamax SL®

Chemical Group: imidazolinone

GENERAL INFORMATION:

IMAZAMAX is taken up by the roots and foliage and is rapidly translocated 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.

Replanting: if replanting is necessary in a field previously treated with **IMAZAMAX** the field may be replanted to soyabeans or groundnuts. Rework the soil no deeper than the treated zone (50mm). Do not apply a second treatment of **IMAZAMAX**.

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 soyabeans up to but before flowering.

POST-EMERGENCE APPLICATIONS:

POST-EMERGENCE APPLICATIONS OF **IMAZAMAX** REQUIRE THE ADDITION OF AN ADJUVANT AND SPRAY GRADE LIQUID FERTILIZER

Adjuvant: Use a Silicon based surfactant (ECKOSIL) at the rate of 50 ml/100 litres water.

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

RATES FOR POST-EMERGENCE APPLICATION OF IMAZAMAX*

Crop	Soil Clay Content (%)	IMAZAMAX 40SL	ECKOSIL	N BASED LIQUID FERT.
Soyabeans Groundnuts Sugarbeans Lucerne	All	900 ml/Ha	50 ml/100 liters water	2 liters/100 liters water

ROTATIONAL CROPS:

- Anytime – soyabeans, groundnuts
- Four months after – wheat, barley
- Nine months after – maize, potatoes, tobacco

ANNUAL GRASSES AND SEDGES CONTROLLED BY IMAZAMAX:

SCIENTIFIC NAME	POST EMERGENCE maximum weed size (mm)	COMMON NAME
<i>Cyperus esculentus</i>	R75	Yellow nutsedge
<i>Cyperus rotundus</i>	R75	Purple nutsedge
<i>Digitaria sanguinalis</i>	C75	Finger grass
<i>Echinochloa colona</i>	C75	Jungle rice
<i>Eleusine indica</i>	R50	Rapoko grass
<i>Melinis repens</i>	C75	Natal red top
<i>Panicum maximum</i>	C75	Guinea grass
<i>Rottboellia cochinchinensis</i>	R75	Shamva grass
<i>Setaria pumila</i>	C75	Annual timothy
<i>Setaria verticillata</i>	C75	Bur grass
<i>Triticum aestivum</i>	R75	Volunteer wheat
<i>Urochloa panicoides</i>	R75	Garden urochloa

BROADLEAF WEEDS CONTROLLED BY IMAZAMAX:

SCIENTIFIC NAME	maximum leaf stage	maximum weed size (mm)	COMMON NAME
<i>Acanthospermum hispidum</i>	R	R	Upright starbur
<i>Ageratum conyzoides</i>	4	C75	Billygoat weed
<i>Amaranthus hybridus</i>	8	C200	Pigweed
<i>Amaranthus thunbergii</i>	4	C75	Red pigweed
<i>Bidens pilosa</i>	2	R50	Blackjack
<i>Chenopodium album</i>	R	R	Fat hen
<i>Cleome monophylla</i>	4	C75	Spindlepod
<i>Commelina benghalensis</i>	2	R50	Wandering Jew
<i>Datura stramonium</i>	4	C75	Thorn apple, stinkblaar
<i>Euphorbia heterophylla</i>	4	C75	Wild poinsettia/milkweed
<i>Galinsoga parviflora</i>	2	R50	Gallant soldier
<i>Hibiscus meeusei</i>	4	C75	Wild stockrose
<i>Ipomoea plebia africana</i>	2	R50	Sabi morning glory
<i>Leucas martinicensis</i>	4	C75	Bobbin weed
<i>Nicandra physaloides</i>	4	C75	Apple of Peru
<i>Oxalis latifolia</i>	2	R50	Garden sorrel
<i>Physalis angulata</i>	4	C75	Wild gooseberry
<i>Portulaca oleracea</i>	2	C50	Purslane
<i>Richardia scabra</i>	2	C50	Mexican clover
<i>Tagetes minuta</i>	2	C50	Mexican marigold
<i>Tithonia rotundifolia</i>	2	C50	Red sunflower
<i>Tribulus terrestris</i>	-	C	Devil's thorn
<i>Xanthium strumarium</i>	4	C75	Common cocklebur

NOTE: C = CONTROL, R = REDUCED COMPETITION

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