

# IMAZAPIC + HEXAZINONE

## Residual herbicide


BOBCAT® I-MAXX SG

**Imazapic – 150g/kg, hexazinone – 750g/kg**

Broad spectrum pre-emergent herbicide for control of a wide range of grasses and broadleaf weeds. Controls awnless barnyard grass, barnyard grass, green summer grass, Guinea grass, liverseed grass, summer grass, blackberry nightshade, blue top, calopo vine, common sida, pigweed, green amaranth, ipomea vines, milkweed, sowthistle.

HERBICIDE SUITABILITY	
<b>SOIL CONDITIONS</b>	<p>Soil should be as clod-free as possible.</p> <p>Application to weed-free, moist soil within 3 to 4 days of incorporation provides best results. Lower rates are effective on lighter soils while higher rates may be necessary for effective control on heavier soils.</p> <p>Do not apply on light sandy soils.</p> <p>If applying as a band over drills, avoid throwing untreated soil onto treated band if cultivating the inter-row.</p> <p>Prolonged wet soil and/or cool conditions may increase crop damage.</p> <p>Control may be reduced on Krasnozem or red-brown Ferrosol soils where moisture is not maintained within the top 5cm of soil.</p> <p>Avoid application if heavy rainfall is forecast within 24–48 hours of application.</p>
<b>INCORPORATION</b>	<p>Incorporate by rainfall or irrigation from 3 to 4 days after application (12–25mm on moist soils; 25–50mm on dry soils), to wet soil to a minimum depth of 5cm before weed emergence.</p> <p>Under dry conditions, mechanical incorporation can improve weed control, however, care must be taken to minimise exposure of untreated soil.</p>
<b>TARGET WEED CONDITIONS</b>	<p>Apply as a pre-emergent.</p> <p>Mix with paraquat if weeds have germinated.</p>
<b>CROP STAGE</b>	<p>Will cause crop injury – always apply with paraquat in emerged cane.</p> <p>In plant cane, apply only after final hill-up.</p>
<b>WITHHOLDING PERIOD/ RISK TO OTHER CROPS</b>	<p>Do not apply to blocks that are to be replanted soon after harvest.</p> <p>Do not graze or cut for stockfeed for 6 weeks after application.</p>
<b>PLANT BACK PERIOD</b>	<p>Mungbeans: 24 months.</p> <p>Peanuts: 24 months.</p> <p>Soybeans: 24 months.</p> <p>Corn: 24 months.</p> <p>Chickpeas: 24 months.</p> <p>Other crops: up to 36 months.</p>
<b>ENVIRONMENTAL RISK</b>	<p>PSII herbicide</p> <p>Do not allow spray drift onto non-target areas/crops.</p> <p>Do not contaminate streams, rivers or waterways.</p> <p>Do not spot spray more than 5% of the total farm area.</p> <p>Do not apply when slope exceeds 5%.</p>
<b>HERBICIDE RESISTANCE</b>	<p>High (Group B), Moderate (Group C).</p>

*Continued over page*

BOBCAT I-MAXX SG	
SIGNAL HEADING	WARNING
PICTOGRAM	
HAZARD STATEMENT	<b>H302</b> Harmful if swallowed. <b>H319</b> Causes serious eye irritation. <b>H410</b> Very toxic to aquatic life with long-lasting effects.
FORMULATION	Soluble liquid.
WATER QUALITY	Use clean water.
APPLICATION EQUIPMENT	Boom, banded, hand gun or directed spray. Use nozzles that produce medium to coarse droplet size. Do not apply by aircraft.

APPLICATION RATES					
CROP STAGE	PRODUCT	RATE/HA	INDICATIVE COST/HA (GST INCLUSIVE)	WATER RATE L/HA	COMMENTS
Plant cane (after weed emergence)	<b>Bobcat i-MAXX SG</b> + <b>PARAQUAT (250 g/L)</b>	500–630g + 1600mL	\$58–\$73 + \$15	400–600L	<b>Apply after final hill-up.</b> Apply as directed spray to base of plants and to inter-row. Avoid contact with sugarcane leaves. Do not cultivate within 1 hour of application. Use a non-ionic wetter when using paraquat. Do not apply more than 630g/ha/year.
Ratoon cane (before cane and weed emergence)	<b>Bobcat i-MAXX SG</b>	500–630g	\$58–\$73		Apply with paraquat if cane is emerged. Do not apply more than 630g/ha/year.
Ratoon cane (after cane and weed emergence)	<b>Bobcat i-MAXX SG</b> + <b>PARAQUAT (250 g/L)</b>	500–630g + 1600mL	\$58–\$73 + \$15		Apply as directed spray to base of plants and to inter-row. Avoid contact with sugarcane leaves. Do not cultivate within 1 hour of application. Use a non-ionic wetter when using paraquat. Do not apply more than 630g/ha/year.
Plant and ratoon cane	<b>Bobcat i-MAXX SG</b>	350g/100L Spot spray	\$41/100L spray volume	n/a	Spot spray for Guinea grass. Spray when Guinea grass stools are at least 15cm high. Apply to point of run-off. Crop injury to cane will occur.