

**CAUTION**  
KEEP OUT OF REACH OF CHILDREN  
READ SAFETY DIRECTIONS BEFORE OPENING OR USING

# Smart Imazamox 700 WG

## HERBICIDE

ACTIVE CONSTITUENT: 700g/kg IMAZAMOX

Group **B** Herbicide

For the post-emergence control of certain annual grass and broadleaved weeds in field peas, legume-based pastures, lucerne, peanuts and soybeans, as specified in the DIRECTIONS FOR USE table.



**IMPORTANT:**  
READ THE ATTACHED LEAFLET BEFORE  
USING THIS PRODUCT

**Crop Smart**  
better crop protection



**Contents 10 – 25kg**

APVMA Approval No : 87089/117511

Crop Smart Pty Ltd  
ACN 093 927 961  
Suite 2409, 4 Daydream Street  
Warriewood, NSW 2102  
Tel 02 9007 2433 Fax 1300 783 491  
[www.cropsmart.com.au](http://www.cropsmart.com.au)

**DIRECTIONS FOR USE****RESTRAINTS**

**DO NOT** apply to crops or weeds stressed by factors such as root or foliar diseases, water logging, nutrient deficiencies or extremes of temperature and moisture.

**DO NOT** apply to crops stressed by any previous herbicide treatments.

CROP	WEEDS CONTROLLED	RATE PER ha	WHP	CRITICAL COMMENTS
<p><b>Field peas</b> <b>Post-emergence</b> See "Crop Safety" re varieties</p>	<p>Barley grass (<i>Hordeum leporinum</i>), Brome grass (<i>Bromus</i> spp.), Deadnettle (<i>Lamium amplexicaule</i>), Indian hedge mustard (<i>Sisymbrium orientale</i>), Storksbill (<i>Erodium</i> spp.), Turnip weed (<i>Rapistrum rugosum</i>), Volunteer barley (<i>Hordeum vulgare</i>), Volunteer oats (<i>Avena sativa</i>), Volunteer lupins (<i>Lupinus</i> spp.), Volunteer triticale (<i>Triticosecale</i> spp.), Volunteer wheat (<i>Triticum aestivum</i>), Wild oats (<i>Avena</i> spp.), Wild turnip (<i>Brassica tournefortii</i>), * Doublegee (<i>Emex australis</i>), * Shepherds purse (<i>Capsella bursa-pastoris</i>), * Threehorn bedstraw (<i>Galium tricornutum</i>), * Wild radish (<i>Raphanus raphanistrum</i>), * Wireweed (<i>Polygonum aviculare</i>)</p>	<p><b>45 g</b> <i>plus</i> BS 1000, or equivalent, at 200 mL per 100 L water</p>	<p>6 weeks (grazing )</p>	<p><b>DO NOT</b> apply to field peas beyond the 4 node stage. <b>DO NOT</b> use adjuvants other than BS 1000 or equivalent.</p> <p>Apply to actively growing broadleaved weeds in the cotyledon to 3 leaf stage. Apply to grass weeds up to the 2 tiller stage. Good crop growth will aid weed control. Weeds may not be totally controlled but populations will be significantly reduced and surviving plants will generally be severely retarded.</p> <p>* Control will not be 100 % but surviving plants will generally be retarded and will not compete with good crop growth. Ensure that crop agronomy is correct, to provide competition to such weeds. Leaf yellowing and height suppression may occur, especially under adverse growing conditions such as moisture stress. Flowering may be delayed.</p> <p><b>IMPORTANT: Refer to CROP SAFETY section of label re use on field peas.</b> Refer to <b>FOLLOW CROPS</b> section of this label regarding follow crops.</p>

CROP	WEEDS CONTROLLED	RATE PER ha	WHP	CRITICAL COMMENTS
<p><b>Legume-based pastures Post-emergence clovers, lucerne, medics, serradellas only;</b> see "Crop Safety" re varieties</p>	<p>As for field peas above.</p>	<p><b>45 g</b> <i>plus</i> Hasten® or Kwickin® at 500 mL per 100L water</p>	<p>7 days (grazing)</p>	<p><b>Seedling</b> Apply to legumes after full emergence of the third trifoliate leaf but well before commencement of flowering.</p> <p><b>Established</b> Apply before commencement of flowering. Apply to actively growing broadleaved weeds in the cotyledon to 3 leaf stage. Apply to grass weeds up to the 2 tiller stage.</p> <p>Good pasture growth will aid weed control. Weeds may not be totally controlled but populations will be significantly reduced and surviving plants will generally be severely retarded. Where pasture stand is poor, weed control may be inadequate due to lack of competition. Ensure sufficient spray coverage of weeds particularly in dense pastures.</p> <p>* Control will not be 100 % but surviving plants will generally be retarded and will not compete with good crop growth. Very high populations may not be efficiently controlled. Good spray coverage is essential. Ensure that crop agronomy is correct, to provide competition to such weeds.</p> <p><b>Refer to CROP SAFETY section</b> of this label re varieties of clovers and medics and other pasture species.</p> <p><b>Note: Use of the 50g /ha rate plus Hasten® or Kwickin® may severely damage medics.</b> Refer to <b>FOLLOW CROPS</b> section of this label regarding follow crops.</p>
	<p>*Silver grass (<i>Vulpia</i> spp.), plus above weeds</p>	<p><b>50g</b> <i>plus</i> Hasten® or Kwickin®, at 500 mL per 100L water <i>plus</i> Spraymate Liase® at 2L per 100L water</p>		
<p><b>Lucerne Post-emergence</b> See "Crop Safety" re varieties</p>	<p>As for post emergence use in field peas (winter weeds) and soybeans (summer weeds)</p>	<p><b>45 or 50g</b> <i>plus</i> BS 1000®, or equivalent, at 200 mL per 100 L water <i>plus</i> Spraymate Liase® at 2 L per 100 L water</p>	<p>7 days (grazing)</p>	<p>Apply to actively growing weeds at growth stages as for field peas (winter weeds) and soybeans (summer weeds).</p> <p><b>DO NOT</b> use the Hasten® or Kwickin® mix on seedling lucerne. Use the 50 g rate for summer weeds.</p> <p><b>Crop stage:</b> Seedling: apply when crop is at 2 trifoliate leaf stage and before commencement of flowering. Established: apply as above following cutting or grazing.</p> <p><b>Refer to CROP SAFETY section</b> of this label re varieties of lucerne.</p>

CROP	WEEDS CONTROLLED	RATE PER ha	WHP	CRITICAL COMMENTS
<b>Post-emergence</b> Peanuts, soybeans	Amaranth ( <i>Amaranthus</i> spp.), Barley grass ( <i>Hordeum leporinum</i> ), Barnyard grass ( <i>Echinochloa crus-galli</i> ), Bell vine ( <i>Ipomoea plebeia</i> ), Brome grass ( <i>Bromus</i> spp.), Deadnettle ( <i>Lamium amplexicaule</i> ), Fathen ( <i>Chenopodium album</i> ), Fierce thornapple ( <i>Datura ferox</i> ), Indian hedge mustard ( <i>Sisymbrium orientale</i> ), Liverseed grass ( <i>Urochloa panicoides</i> ), Turnip weed ( <i>Rapistrum rugosum</i> ), Volunteer barley ( <i>Hordeum vulgare</i> ), Volunteer oats ( <i>Avena sativa</i> ), Volunteer lupins ( <i>Lupinus</i> spp.), Volunteer triticale ( <i>Triticosecale</i> spp.), Volunteer wheat ( <i>Triticum aestivum</i> ), Wild gooseberry ( <i>Physalis minima</i> ), Wild oats ( <i>Avena</i> spp.), Wild turnip ( <i>Brassica tournefortii</i> ), * anoda weed ( <i>Anoda cristata</i> ), * awnless barnyard grass ( <i>Echinochloa colona</i> ), * blackberry nightshade ( <i>Solanum nigrum</i> ), * caltrop ( <i>Tribulus terrestris</i> ), * chickweed ( <i>Stellaria media</i> ), * crabgrass ( <i>Digitaria ciliaris</i> ), * doublegee ( <i>Emex australis</i> ), * noogoora burr ( <i>Xanthium pungens</i> ), * shepherd's purse ( <i>Capsella bursa-pastoris</i> ), * threehorn bedstraw ( <i>Galium tricornutum</i> ), * wild radish ( <i>Raphanus raphanistrum</i> ), * wireweed ( <i>Polygonum aviculare</i> )	<b>50 g</b> <i>plus</i> <b>EITHER</b> BS 1000 <sup>®</sup> , (or equivalent), at 200 mL per 100 L water <i>plus</i> Spraymate Liase <sup>®</sup> at 2L per 100 L water <b>OR</b> Hasten <sup>®</sup> or Kwickin <sup>®</sup> , at 500 mL or 1L per 100L water	4 weeks (grazing)	DO NOT apply to crops beyond the 6 leaf stage.  Apply to actively growing weeds in the cotyledon to 2 leaf stage. Apply to grass weeds up to the 2 tiller stage.  If using the Hasten <sup>®</sup> or Kwickin <sup>®</sup> mix, use the 1 L per 100 L rate where grass weeds are predominate.  * Control will not be 100 % but surviving plants will generally be retarded and will not compete with good crop growth. Ensure that crop agronomy is correct, to provide competition to such weeds.  <b>Refer to FOLLOW CROPS section</b> of this label regarding follow crops.

**NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.**

#### WITHHOLDING PERIODS:

##### GRAZING

- Lucerne, pastures : DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 7 DAYS AFTER APPLICATION.  
Peanuts, soybeans : DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 4 WEEKS AFTER APPLICATION.  
Field peas : DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 6 WEEKS AFTER APPLICATION.

##### HARVEST

Field peas, peanuts, soybeans: NOT REQUIRED WHEN USED AS DIRECTED.

#### GENERAL INSTRUCTIONS

This product is for early post-emergence weed control in field peas, lucerne, legume-based pastures, soybeans and peanuts. Weeds will either die or remain stunted and will not compete with the crop. For weeds marked with an asterisk in the above table, the level of control will vary significantly depending on factors such as climatic conditions following application, crop vigour, weed seed depth, etc.

A spray adjuvant must always be added, as per the “Directions for Use” table, while Spraymate Liase<sup>®</sup> Liquid Herbicide Adjuvant should also be added in situations indicated in the table. Good crop competition is essential for effective weed control.

## MIXING

**SMART IMAZAMOX 700 WG Herbicide** is a water dispersible granule formulation. Part fill the spray tank with water, then with the agitator running, add the required amount of product, then fill the tank with water. When tank mixing this product with other recommended compatible products, first add the other product to the tank and mix thoroughly before adding this product.

## APPLICATION

For ground application only: Apply with boom equipment in not less than 50 L/ha water using fl at fan nozzles. Avoid overlap and do not over spray headlands.

**DO NOT** apply by aircraft.

**DO NOT** apply by mister.

**SMART IMAZAMOX 700 WG Herbicide** should be applied a minimum of two hours before rainfall or irrigation.

**DO NOT** apply **SMART IMAZAMOX 700 WG Herbicide** more than once per growing season.

## EQUIPMENT CLEAN-UP

Thoroughly flush all spray equipment with water following the use of **SMART IMAZAMOX 700 WG Herbicide** and before use with other products. Rinse water should NOT be discharged where it will reach streams, water bodies or natural vegetation.

## COMPATIBILITY

The product is compatible with MCPA, simazine, dimethoate, Fastac<sup>®</sup> Duo, Crop Care Dominex<sup>®</sup>Duo, phosmet, omethoate and endosulfan.

**DO NOT** tank mix with selective post-emergence grass herbicides. **DO NOT** apply these herbicides following the use of **SMART IMAZAMOX 700 WG Herbicide** until grasses have resumed active growth. Alternatively, apply the grass herbicide at least one day before using **SMART IMAZAMOX 700 WG Herbicide**.

**DO NOT** tank mix with either MCPA Amine or 2,4-D Amine when using in pastures.

## RESISTANT WEEDS WARNING

GROUP	B	HERBICIDE
-------	---	-----------

**SMART IMAZAMOX 700 WG Herbicide** is a member of the Imidazolinone group of herbicides. The product has the ALS mode of action. For weed resistance management, the product is a Group B herbicide. Some naturally-occurring weed biotypes resistant to the product and other Group B herbicides may exist through normal genetic variability in any weed population. The resistant individuals can eventually dominate the population if these herbicides are used repeatedly. These resistant weeds will not be controlled by this product or other Group B herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Crop Smart Pty Ltd accepts no liability for any losses that may result from failure of this product to control resistant weeds.

## FOLLOW CROPS

Under conditions, such as very dry seasons, which do not favour breakdown of this product, carry-over soil residues can affect susceptible follow crops. As environmental and agronomic factors make it impossible to eliminate all risks associated with this product, rotational crop injury is always possible. The following minimum re-cropping intervals (months after application) should be observed.

**Following use in lucerne, legume-based pastures and field peas:-**

MONTHS AFTER APPLICATION		
0	10	21
field peas, canola varieties tolerant to applications of imazamox, maize varieties tolerant to applications of imazamox, wheat varieties tolerant to applications of imazamox.	chick peas faba beans lucerne lupins pasture legumes vetch *barley *wheat (except varieties tolerant to applications of imazamox) *triticale	All other crops including canola (except varieties of canola tolerant to applications of imazamox) oats safflower

\* The following additional requirements apply if it is intended to sow WHEAT, BARLEY or TRITICALE during the next winter season:

**DO NOT** apply **SMART IMAZAMOX 700 WG Herbicide** later than the end of August.

**DO NOT** use **SMART IMAZAMOX 700 WG Herbicide** in areas where rainfall from the time of spraying to sowing of cereals is expected to be below 200 mm.

**Furthermore:**

**DO NOT** use on soils of pH 5.5 (CaCl<sub>2</sub>) or less in areas where rainfall from spraying to sowing of cereals is expected to be below 300 mm.

In late, short seasons where the soil is cold for most of the time it is wet, break-down will be slower and plant-back times will be extended.

If expected rainfall is not received following use of **SMART IMAZAMOX 700 WG Herbicide**, consult your local Crop Smart representative before planting wheat, barley or triticale. (In calculating rainfall actually received, exclude single, isolated, falls which do not result in periods of continuous soil moisture to allow microbial breakdown to occur in the root zone).

**Following use in summer crops:-**

**Irrigated only:**

0	5	10	18
mungbeans peanuts soybeans canola varieties tolerant to applications of imazamox maize varieties tolerant to applications of imazamox wheat varieties tolerant to applications of imazamox	*chick peas *lucerne *lupins *pasture legumes *barley *wheat (except varieties tolerant to applications of imazamox)	**maize (except varieties tolerant to applications of imazamox) **sorghum **cotton **oats **sunflower	All other crops (providing rainfall and irrigation exceeds 2000mm)

\* **DO NOT** plant these crops unless interim rainfall (rainfall plus irrigation) from application to sowing is at least 500 mm.

\*\* **DO NOT** plant these crops unless interim moisture (rainfall plus irrigation) from application to sowing is at least 800 mm.

## Dryland only:

0	8	10	15	22
mungbeans peanuts soybeans canola varieties tolerant to applications of imazamox maize varieties tolerant to applications of imazamox wheat varieties tolerant to applications of imazamox	*lucerne *barley *wheat (except varieties tolerant to applications of imazamox)	**chick **maize (except varieties tolerant to applications of imazamox) **sorghum **cotton **oats **sunflower	pasture legumes lupins	All other crops (providing rainfall and irrigation exceeds 2000mm)

\* **DO NOT** plant these crops unless interim rainfall from application to sowing is at least 500 mm.

\*\* **DO NOT** plant these crops unless interim rainfall from application to sowing is at least 800 mm.

### PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

**DO NOT** apply under weather conditions, or from spraying equipment, that may cause spray to drift onto nearby susceptible plants/crops, cropping lands or pastures.

**DO NOT** spray within 50m of wetlands or waterways.

**Crop safety:** This product may cause shortening of plant internodes and may in some circumstances lead to transient crop yellowing but plants will soon recover. This effect is more pronounced under poor growth conditions including conditions of prolonged moisture stress.

#### Field peas

**DO NOT** apply to field peas beyond the 4 node stage.

**DO NOT** apply if frost is forecast.

**DO NOT** use **SMART IMAZAMOX 700 WG Herbicide** after simazine (unregistered in field peas) and **DO NOT** exceed 250 g ac/ha diuron if use of **SMART IMAZAMOX 700 WG Herbicide** is planned.

**DO NOT** roll field peas after germination if use of **SMART IMAZAMOX 700 WG Herbicide** is planned.

Before using this product on field pea varieties other than Bohatyr, Bonzer, Dun, Dundale, Glenroy, Laura, Magnet, Mukta, Santi and Wirrega, contact Crop Smart Pty Ltd for up-to-date information.

**DO NOT** use on Alma, Excell and Parafield varieties.

#### Pasture legumes and perennial grasses

**Safety to medic varieties may be lower than to clover varieties.** Safety to seedling pastures less than one year old may be lower than to older established pastures. Transient biomass reduction and leaf yellowing may occur to pasture legumes and perennial grasses, with good recovery occurring under favourable seasonal conditions. In some situations a reduction in perennial grass numbers may occur as a result of unfavourable seasonal conditions following application. For up-to-date information on all pasture clover and medic varieties and other temperate pasture species, contact Crop Smart Pty Ltd **before use.**

#### Lucerne

Before using this product on lucerne varieties other than Hunterfi eld, Sceptre, Sequel, Siriver and Trifecta, contact Crop Smart Pty Ltd for up-to-date information.

**DO NOT USE THE HASTEN® OR KWICKIN® MIX ON SEEDLING LUCERNE.**

**Replanting:** If replanting is necessary in a field previously treated with **SMART IMAZAMOX 700 WG Herbicide**, the field may be replanted to field peas (above listed varieties only), soybeans or peanuts. **DO NOT** apply a second treatment of **SMART IMAZAMOX 700 WG Herbicide**.

## **PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT**

**TOXIC TO AQUATIC FLORA. DO NOT** contaminate streams, rivers or waterways with the chemical or used containers.

## **STORAGE AND DISPOSAL**

Store in the closed original container in a dry, cool, well-ventilated area out of direct sunlight. Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. Do NOT dispose of undiluted chemicals on-site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush, or puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should NOT be burnt.

## **SAFETY DIRECTIONS**

Will irritate the eyes. When opening the container and preparing spray, wear face shield or goggles. If product in eyes, wash it out immediately with water. Wash hands after use. After each day's use, wash face shield or goggles.

## **FIRST AID**

If poisoning occurs, contact a doctor or Poisons Information Centre. **Phone Australia 13 11 26.**

## **MATERIAL SAFETY DATA SHEET**

Additional information is listed in the Material Safety Data Sheet which can be obtained from your supplier.

<p style="text-align: center;"><b>In a Transport Emergency</b> <b>Dial 000</b> <b>Police or Fire Brigade</b></p>
--

## **Conditions of sale**

Crop Smart Pty Ltd will not accept any responsibility whatsoever and howsoever arising and whether for consequential loss or otherwise in connection with the supply or use of these goods other than responsibility for the merchantable quality of the goods and such responsibilities mandatorily imposed by Statutes applicable to the sale or supply of these goods. To the extent allowed by such Statutes the liability of Crop Smart Pty Ltd is limited to the replacement of the goods or (at the option of Crop Smart Pty Ltd) the refund of the price paid and is conditional upon a claim being made in writing and where possible sufficient part of the goods to enable proper examination being returned to Crop Smart Pty Ltd within thirty days of delivery.