

Smart Ipyr 750 WG

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

HERBICIDE

ACTIVE CONSTITUENT: 750g/Kg IMAZAPYR

Group **B** Herbicide

For control of various annual and perennial weeds in non-crop situations as indicated in the Directions for Use.



IMPORTANT:
READ THE ATTACHED LEAFLET BEFORE
USING THIS PRODUCT

APVMA Approval No: 69433/111497

Distributed by:

Crop Smart Pty Ltd ACN 093 927 961
2409/4 Daydream Street, Warriewood NSW 2102
Tel: 1300 783 481 Fax: 1300 783 491

Crop Smart
better crop protection

Contents 470g, 1.5Kg & 10Kg

APVMA Approval No: 69433 / 60787

STORAGE AND DISPOSAL

KEEP OUT OF REACH OF CHILDREN

Store in the closed, original container, in a cool, dry, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. 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 deliver empty packaging for appropriate disposal to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots, in compliance with relevant Local, State or Territory government regulations. DO NOT burn empty containers or product.

SAFETY DIRECTIONS

Will irritate the eyes and skin. Avoid contact with eyes and skin. When opening the container and preparing spray, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), elbow length PVC gloves, goggles and disposable dust mask covering mouth and nose. When using the prepared spray, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and elbow length PVC gloves. If product in eyes, wash it out immediately with water. Wash hands after use. After each day's use, wash gloves, goggles and contaminated clothing.

FIRST AID

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

MATERIAL SAFETY DATA SHEET

For further information refer to Material Safety Data Sheet (MSDS) which is available from Crop Smart Pty Ltd.

CONDITIONS OF SALE

Crop Smart Pty.Ltd accepts responsibility for the consistent quality of the product; however since the use and application of the product is beyond control, the company accepts no responsibility whatsoever for any loss, damage or other result following the use of the product whether used in accordance with directions or not; other than those mandatorily imposed by statutes, the liability is limited to the replacement of the goods and is conditional upon a claim made in writing and, where necessary, a sufficient part of the goods being returned for proper examination by the company within thirty days of sale.

IN A TRANSPORT EMERGENCY DIAL 000 POLICE OR FIRE BRIGADE
CROP SMART PTY.LTD EMERGENCY CONTACT 1300 783 481 AUSTRALIA WIDE, 24 HOURS

DIRECTIONS FOR USE**RESTRAINTS:****DO NOT** apply by aircraft as spray drift may cause damage to desirable surrounding species.

SITUATION	WEED	STATES	RATE	CRITICAL COMMENTS
Around agricultural buildings and other farm non-crop situations, commercial, industrial and public service areas, rights of way and waste land, away from desirable vegetation.	Annual ryegrass (<i>Lolium rigidum</i>), Barnyard grass (<i>Echinochloa crus-galli</i>), Blady grass (<i>Imperata cylindrica</i>), Buckbush (<i>Sa/so/a kali</i>), Deadnettle (<i>Lamium amplexicaule</i>), Feathertop Rhodes grass (<i>Chloris virgata</i>), Fleabane (<i>Conyza canadensis</i>), Hexham scent (<i>Melilotus indicus</i>), Liverseed grass (<i>Urochloa panicoides</i>), London rocket (<i>Sisymbrium irio</i>), Mayne's pest (<i>Verbena tenuisecta</i>), Medics (<i>Medicago</i> spp.), Mintweed (<i>Salvia reflexa</i>), Blackberry nightshade (<i>Solanum nigrum</i>), Paterson's curse (<i>Echium plantagineum</i>), Plains grass (<i>Stipa aristiglumis</i>), Prairie grass (<i>Bromus unioloides</i>), Prickly lettuce (<i>Lactuca serriola</i>), Purple top (<i>Verbena bonariensis</i>), Scented top (<i>Capillipedium</i> spp.), Sedges (<i>Cyperus</i> spp.), Slender celery (<i>Apium leptophyllum</i>), Sowthistle (<i>Sonchus oleraceus</i>),	All States	1.3 Kg/ha	Applications can be made pre or post emergence. Post-emergence applications also provide pre-emergence control. Medium volume: 1.3Kg of Smart lpyr 750 WG Herbicide should be applied using spray volumes ranging between 50 and 200L/ha. High volume: Apply sufficient spray to wet the surfaces visibly without run-off. Measure how much spray is required to cover 100m ² area. Add Smart lpyr 750 WG Herbicide at the rate of 13g this measured volume.

SITUATION	WEED	STATES	RATE	CRITICAL COMMENTS
Around agricultural buildings and other farm non-crop situations, commercial, industrial and public service areas, rights of way and waste land, away from desirable vegetation.	St Barnaby's thistle (<i>Gentaurea solstitialis</i>), Summer grasses (<i>Digitaria</i> spp.), Thornapples (<i>Datura</i> spp.), Turnip weed (<i>Rapistrum rugosum</i>), Variegated thistle (<i>Silybum marianum</i>), Vasey grass (<i>Paspalum urvillei</i>), Warrego grass (<i>Paspalidium jubiflorum</i>), Wild oats (<i>Avena</i> spp.), Wild turnip (<i>Brassica tournefortii</i>), Wireweed (<i>Polygonum avicular</i>	All States	1.3 Kg/ha	Applications can be made pre or post emergence. Post-emergence applications also provide pre-emergence control. Medium volume: 1.3Kg of Smart lpyr 750 WG Herbicide should be applied using spray volumes ranging between 50 and 200L/ha. High volume: Apply sufficient spray to wet the surfaces visibly without run-off. Measure how much spray is required to cover 100m ² area. Add Smart lpyr 750 WG Herbicide at the rate of 13g this measured volume.
	Bokhara clover (<i>Me/ilotus a/bus</i>), Bracken (suppression only) (<i>Pteridium esculentum</i>), Capeweed (<i>Arctotheca calendula</i>), Couch (<i>Cynodon dactylon</i>), Docks (<i>Rumex</i> spp.), Johnson grass (<i>Sorghum halepense</i>), Panics (suppression only) (<i>Panicum</i> spp.), Paspalum (<i>Paspalum dilatatum</i>), Queensland bluegrass (<i>Dichanthium sericeum</i>), Stinging nettle (<i>Urtica incisa</i>		2 Kg/ha	Applications can be made pre or post emergence. Post-emergence applications also provide pre-emergence control. Medium volume: 2Kg of Smart lpyr 750 WG Herbicide should be applied using spray volumes ranging between 50 and 200L/ha. High volume: Apply sufficient spray to wet the surfaces visibly without run-off. Measure how much spray is required to cover 100m ² area. Add Smart lpyr 750 WG Herbicide at the rate of 20g this measured volume.

SITUATION	WEED	STATES	RATE	CRITICAL COMMENTS
Around agricultural buildings and other farm non-crop situations, commercial, industrial and public service areas, rights of way and waste land, away from desirable vegetation.	Rubber vine (<i>Cryptostegia grandiflora</i>)	Qld only	65 g/ha	Post-emergence application (Qld only): Apply sufficient spray to wet the surface visibly to the point of run-off. For effective control, apply when the weeds are actively growing and not stressed, yellowing or bearing pods. Flowering is a good indication of the best time for application. Use high volume application as detailed in the GENERAL INSTRUCTIONS section.
	Thunbergia (<i>Thunbergia</i> spp.)		125 g/ha	Post-emergence application (Qld only): Apply sufficient spray to wet the surface visibly to the point of run-off. For effective control, apply when the weeds are actively growing. Use high volume application as detailed in the GENERAL INSTRUCTIONS section.

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

GENERAL INSTRUCTIONS

Smart Ipyr 750 WG Herbicide is an aqueous solution of herbicide which will kill a range of standing weeds and emerging seedlings. It stops growth rapidly, although symptoms may take over 30 days to develop. Affected plants are discoloured and often growth is distorted. The active material in Smart Ipyr 750 WG Herbicide is rapidly absorbed through foliage and roots, and translocated throughout plants. Foliage treatments will provide pre-emergence control as the active material is released to the soil following plant decay. Residual control of weeds, for which the lower rate of Smart Ipyr 750 WG Herbicide is recommended, will increase when the higher rate is used.

RESISTANT WEEDS WARNING

GROUP B HERBICIDE

Smart Ipyr 750 WG Herbicide is a member of the imidazolinone group of herbicides. Smart Ipyr 750 WG Herbicide has the inhibition of acetolactate synthase (ALS) mode of action. For weed resistance management, Smart Ipyr 750 WG Herbicide is a Group B herbicide. Some naturally-occurring weed biotypes resistant to Smart Ipyr 750 WG Herbicide and other Group B herbicides may exist through normal genetic variability in any weed population. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds will not be controlled by Smart Ipyr 750 WG Herbicide 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 the failure of Smart Ipyr 750 WG Herbicide to control resistant weeds.

APPLICATION

Faster control of standing weeds will result if growing conditions are favourable at and after application. Rainfall within two hours of the spray mixture drying on leaves may result in reduced weed control.

SPRAYING INSTRUCTIONS

For medium volume spraying, apply through a spray boom calibrated to ensure even coverage. Use spray nozzles suitable to prevent spray drift onto surrounding desirable vegetation.

For high volume application, use a hand gun or knapsack to apply sufficient spray to wet the surface visibly without producing run-off.

MIXING

Pour the required amount of Smart Ipyr 750 WG Herbicide into a spray container which already holds the total amount of water required. Mix thoroughly. If Smart Ipyr 750 WG Herbicide is added during filling, foaming may occur. If excessive foaming is a problem, add a suitable antifoaming agent.

Consult your distributor for specific information. Smart Ipyr 750 WG Herbicide may be applied in hard or soft water. The product is corrosive to mild steel.

Use ONLY stainless steel, fibreglass, plastic or plastic-lined containers for mixing, storage and application.

COMPATIBILITY

For faster knockdown of weeds, certain other herbicides may be mixed with Smart Ipyr 750 WG Herbicide. Bipyridyl herbicides (eg. paraquat) are NOT compatible with Smart Ipyr 750 WG Herbicide alone and adjuvants Ammonium Sulphate 417 SL and Wetter 1000 SL must be added to this tank mixture. Smart Ipyr 750 WG Herbicide is NOT compatible with Phenoxy Acid Salts (2,4-D and/or MCPA) or 2,4-D Ester 680 EC Herbicides. Mixtures of this type will result in *extreme* incompatibility and poor weed control.

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 or non-target aquatic areas.

DO NOT apply on or near desirable trees or other plants, or on areas where their roots may extend, or in locations where the chemical may be washed or moved into contact with their roots.

DO NOT apply where run-off water may flow onto agricultural land or other desirable vegetated areas. Dispose of washings away from desirable plants and their roots.

PROTECTION OF LIVESTOCK

Low hazard to bees – may be applied to plants at any time. DO NOT graze or cut for stock feed, vegetation which has been treated with Smart Ipyr 750WG Herbicide.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT contaminate streams, rivers or waterways with the chemical or used containers.

STORAGE AND DISPOSAL

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¹ Not a trade mark of Crop Smart Pty Ltd