

Product Name: CONQUEST GUNNER 750 WG HERBICIDE
Product ID: 69968/135722



Label Name:	CONQUEST GUNNER 750 WG HERBICIDE
Signal Headings:	CAUTION KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING
Constituent Statements:	750 g/kg IMAZAPYR
Mode of Action:	GROUP 2 HERBICIDE
Statement of Claims:	For the post-emergence control of certain annual grass and broad-leaved weeds in Clearfield Plus wheat, and Clearfield barley. Additionally control of various annual and perennial weeds in non-crop situations as specified in the Directions for Use table.
Net Contents:	0.5kg - 7kg
Restrains:	DO NOT apply by AIRCRAFT as spray drift may cause damage to desirable surrounding species.
Directions for Use:	This section contains file attachment.
Other Limitations:	
Withholding Periods:	APPLICATION. CLEARFIELD PLUS WHEAT AND CLEARFIELD BARLEY: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 4 WEEKS AFTER APPLICATION. Do not graze or cut for stock feed, vegetation, which has been treated with Conquest Gunner 750 WG Herbicide

Trade Advice:	
General Instructions:	This section contains file attachment.
Resistance Warning:	<p>Conquest Gunner 750 WG Herbicide is a member of the imidazolinone group of herbicides. Conquest Gunner 750 WG Herbicide has the inhibition of acetolactate synthase (ALS) mode of action. For weed resistance management, Conquest Gunner 750 WG Herbicide is a Group 2 herbicide. Some naturally occurring weed biotypes resistant to Conquest Gunner 750 WG Herbicide and other Group 2 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 Conquest Gunner 750 WG Herbicide or other Group 2 herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Conquest Crop Protection Pty Ltd accepts no liability for any losses that may result from failure of Conquest Gunner 750 WG Herbicide to control resistant weeds.</p>
Precautions:	<p>CROP SAFETY</p> <p>This product should not be used on Clearfield Plus wheat and Clearfield barley alone and should only be used as a tank mix combination with Conquest Imazamax herbicide. This product may, in some circumstances, lead to transient crop yellowing and temporary slowing of growth of imidazolinone herbicide tolerant wheat, barley, however plants soon recover and yield is unaffected. This effect may be more pronounced when the product is used under poor growth conditions.</p> <p>The Clearfield wheat varieties Clearfield STL and Clearfield JNZ have limited tolerance to Gunner and Imazamax Herbicide tank mix combination. Application of Gunner and Imazamax tank mix combination to these wheat varieties can cause unacceptable injury especially under cold, wet conditions. Gunner plus Imazamax Herbicide should not be used on these varieties.</p> <p>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.</p> <p>RE-ENTRY DO NOT re-enter treated areas until spray has dried. If re-entry is necessary wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant gloves.</p>
Protections:	<p>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 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</p> <p>PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT Toxic to aquatic flora. DO NOT contaminate streams, rivers or watercourses with the chemical or used containers.</p> <p>Low hazard to bees – may be applied to plants at any time.</p>

Storage and Disposal:	<p>STORAGE AND DISPOSAL</p> <p>Store in the closed, original container in a dry, cool, well-ventilated area out of direct sunlight. Triple-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 to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500mm 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.</p>
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Safety Directions:	<p>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. 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.</p>
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First Aid Instructions:	<p>If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26, New Zealand 0800 764 766.</p>
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First Aid Warnings:	
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DIRECTIONS FOR USE

Crop use or Situation	Weeds controlled	Rate	Critical Comments
<p>Clearfield Plus wheat DO NOT use on CL, STL and CL, JNZ wheat varieties.</p> <p>Clearfield barley.</p>	<p>Brome (<i>Bromus diandrus</i> and <i>B. rigidus</i>) Barley (<i>Hordeum vulgare</i>) Barley grass (<i>Hordeum leporinum</i>) Indian hedge mustard (<i>Sisymbrium orientale</i>) Muskweed (<i>Myagrum perfoliatum</i>) Oat (<i>Avena sativa</i>) Triticale (<i>Triticosecale</i> spp) Wheat (<i>Triticum aestivum</i>) – non Clearfield* varieties Wild oat (<i>Avena fatua</i>) Wild radish (<i>Raphanus raphanistrum</i>) Wild turnip (<i>Brassica tournefortii</i>)</p>	<p>7.5 - 15 g/ha tank mix with Conquest Imazamax 700 WG 17.7 – 35.4 g/ha plus Glisarin®, or Hasten* at 0.5L/100L spray volume</p>	<p>NOT for use on Clearfield* wheat varieties Clearfield* STL and Clearfield* JNZ. Apply to Clearfield Plus wheat crops from the 3 leaf stage to 1st node stage (Z31). Apply to Clearfield barley crops from the 5 leaf stage to 1st node stage (Z31). DO NOT apply to Clearfield Plus wheat or Clearfield barley after the 1st node stage (Z31). Applications should be targeted at grass weeds when the majority are in the 2-4 leaf stage and only when within the recommended crop stages. Application to multi-tillered crops may impair weed control because of poor contact and coverage of weeds. – see Compatibility. Tank mixes with Lontrel™ Advanced Herbicide at 75mL/ha will provide control of composite and legume weeds. Tank mixes with Conquest 570 LVE MCPA Herbicide at 500mL/ha will provide control of composite and brassicaceous weeds. The control of brassicaceous weeds will depend on the status of Group 2 resistance in the population. The addition of Conquest 570 LVE MCPA will improve control and provide an additional mode of action for resistance management. If other weeds require control, apply appropriate herbicides at least two weeks before or after Imazamax and Gunner tank mix and only when signs of regrowth or renewed vigour appear, otherwise the effects of the early treatment may affect the performance of the subsequent treatment.</p>
	<p>Annual ryegrass (<i>Lolium rigidum</i>) Dense flower fumitory (<i>Fumaria densiflora</i>) Marshmallow (<i>Malva parviflora</i>) Subclover (<i>Trifolium subterraneum</i>) Suppression Bedstraw spp. (<i>Galium tricomutum</i> and <i>G. aparine</i>) Doublegee (<i>Emex australis</i>) Silver grasses (<i>Vulpia bromoides</i> and <i>V. myuros</i>)</p>	<p>12 - 15 g/ha Tank mix with Conquest Imazamax 700 WG 28.3 – 35.4 g/ha plus Conquest Gunner Herbicide, plus Glisarin®, or Hasten* at 0.5L/100L spray volume</p>	<p>Weed species will either be controlled or suppressed. In both cases, surviving plants will be stunted and will be uncompetitive with the crop, and seed set will be prevented or greatly reduced. The control of annual ryegrass varies from excellent to poor depending on the status of Group 2 resistance in the population and environmental conditions. Where the population is expected to exceed 200 plants/m², or a high level of control is required, or the ryegrass is known to be resistant or thought to be developing resistance, an application of a suitable pre-emergent should be made prior to sowing. A follow up grass selective herbicide may also be necessary.</p>

Important:

- Before using Gunner in tank mixes with other herbicides, check the plant-back information on all product labels. The time between spraying and planting will be determined by the product with the longest plant-back period.

RESTRAINTS: DO NOT apply by aircraft as spray drift may cause damage to desirable 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>Salsola kali</i>), Deadnettle (<i>Lamium amplexicaule</i>), Feathertop rhodes grass (<i>Chloris virgata</i>), Fleabane (<i>Conyza canadensis</i>), Hexam 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>Capillipendium</i> spp.), Sedges (<i>Cyperus</i> spp.), Slender Celery (<i>Apium leptophyllum</i>), Sowthistle (<i>Sonchus oleraceus</i>), St Barnaby's Thistle (<i>Centaurea solstitialis</i>), Summer Grass (<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 jubiflorum</i>), Wild Oats (<i>Avena</i> spp.) Wild Turnip (<i>Brassica tournefortii</i>), Wireweed (<i>Polygonum aviculare</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: 1.3 kg Conquest Gunner 750 WG Herbicide should be applied using spray volumes ranging between 50 and 200 L/ha. High Volume: Apply sufficient spray to wet the surfaces visibly without runoff. Measure how much spray is required to cover 10 m x 10 m. Add Conquest Gunner 750 WG Herbicide at the rate of 13 g in this measured volume.	
	Bokhara Clover (<i>Melilotus albus</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: 2 kg Conquest Gunner 750 WG Herbicide should be applied using spray volumes ranging between 50 and 200 L/ha. High Volume: Apply sufficient spray to wet the surfaces visibly without runoff. Measure how much spray is required to cover 10 m x 10 m. Add Conquest Gunner 750 WG Herbicide at the rate of 20 g in this measured volume.
	Rubber Vine (<i>Cryptostegia grandiflora</i>)	QLD only	1.3 g/L water	Post-emergence application. Apply sufficient spray to wet the surface visibly to the point of runoff. For effective control, apply when the plant is 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.)			2.5 g/L water	Post-emergence application. Apply sufficient spray to wet the surface visibly to the point of runoff. For effective control, apply when the plant is 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

Conquest Gunner 750 WG Herbicide is a water dispersible granule product used for around agricultural buildings and other farm non-crop situations. In addition, this product is safe for use in Clearfield Plus wheat and Clearfield barley (as per above use pattern). This product 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 Conquest Gunner 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 Conquest Gunner 750 WG Herbicide is recommended, will increase when the higher rate is used.

When used in Clearfield Plus wheat and Clearfield barley The Imazamax 700 WG Label must be consulted prior to application. When used in Clearfield Plus wheat and Clearfield barley a spray adjuvant MUST always be added, as per the "Directions for Use" table, while Boost liquid ammonium sulphate should also be added in situations indicated in the table. Good crop competition is essential for effective weed control.

MIXING

Gunner 750 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. If Conquest Gunner 750 WG Herbicide is added during filling, foaming may occur. If excessive foaming is a problem, add a suitable antifoaming agent. When tank mixing with other products, follow the industry recommended mixing order by formulation types. For more complex mixtures contact a Conquest representative.

Conquest Gunner 750 WG Herbicide may be applied in a 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.

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.

When mixed with Imazamax 700 WG, The Imazamax 700 WG label must be consulted prior to application of Gunner 750 WG.

For ground application only. Apply with boom equipment in not less than 50L/ha water using flat fan nozzles. Avoid overlap and do not overspray headlands.

DO NOT apply by aircraft.

DO NOT apply by mister.

Gunner 750 WG Herbicide should be applied a minimum of two hours before rainfall or irrigation.

DO NOT apply Gunner 750 WG Herbicide more than once per growing season.

EQUIPMENT CLEANUP

Thoroughly flush all spray equipment with water following the use of Gunner 750 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

For faster knockdown of weeds, certain other herbicides may be mixed with Conquest Gunner 750 WG Herbicide.

Bipyridyl herbicides (eg. Paraquat) are NOT compatible with Conquest Gunner 750 WG. Mixtures of this type will result in poor weed control.

Gunner 750 WG is chemically compatible with Alpha Forte and Alpha Duo Insecticides. It is also chemically and biologically compatible with Conquest Imazamax 700 Herbicide, Conquest Nitro 240 Herbicide, Conquest Recon 520 Herbicide, Conquest Corsair, Conquest 570 LVE MCPA, Conquest 750 MCPA Herbicide, Conquest Bromo 200 and Conquest Brom M Herbicides, Conquest Racer and Conquest Crossfire Herbicides. For the use with other products contact a Conquest representative.

Mixes with LontrelTM5 Advanced in Clearfield Plus wheat and Clearfield barley

Tank mixes with LontrelTM5 Advanced at 150mL/ha will provide control of composite and legume weeds. Refer to LontrelTM5 Advanced label.

Mixes with Conquest 570 LVE Herbicide in Clearfield Plus wheat and Clearfield barley

Tank mixes with Conquest 570 LVE Herbicide at 500mL/ha will provide control of composite and brassicaceous weeds. Refer to Conquest 570 LVE label.

FOLLOW CROPS

When Tank- Mixed with Conquest Imazamax 700

The following minimum re-cropping intervals (months after application) should be observed.

Months after application		
0	10	34
Clearfield Plus Wheat Clearfield Wheat Clearfield barley Clearfield canola	chick peas, faba beans, field peas, lucerne, lupins, pasture legumes, *oats *triticale Vetch, non-Clearfield Barley, Non-Clearfield Wheat	Conventional and other herbicide tolerant canola, All other crops.

Non-Clearfield Barley, Oats, Triticale, Non-Clearfield Wheat:

The following additional requirements apply if it is intended to sow these cereals during the next winter season:

DO NOT apply Imazamax and Gunner later than the end of August in winter crops (no later than the end of July in WA).

DO NOT use Imazamax and Gunner in areas where rainfall from spraying to sowing of cereals is expected to be below 150 mm (for respectively, 18 and 7.5 g/ha use), 200 mm (for respectively up to 23.5 and 10 g/ha use) and 250 mm (for respectively 28.3 and 12 g/ha – 35.3 and 15 g/ha use).

DO NOT use above 17.7 and 7.5 g/ha in the Lower Great Southern region of Western Australia.

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

For all situations, if expected rainfall is not received following use of Imazamax and Gunner, consult your local Conquest representative before planting non-Clearfield cereals. In calculating rainfall actually received, place greater emphasis on rain received from application up to the end of Spring and lesser emphasis on break rains. If single isolated heavy summer and autumn falls and break rains are required to achieve rainfall targets, it may not be safe to sow non-Clearfield cereals within 10 months of application. Consult your local Conquest representative for advice.

Restrictions:

- Apply ONLY to certified Clearfield Plus wheat and Clearfield barley, varieties with the Clearfield technology, excluding Clearfield STL and Clearfield JNZ. DO NOT apply to conventional or other herbicide tolerant wheat and barley varieties.
- DO NOT apply to crops that are stressed due to conditions such as waterlogging, too little moisture, frost, disease or nutritional disorders.
- DO NOT apply by aircraft.
- DO NOT apply if rain is expected within 2 hours of application. DO NOT apply more than once per season to any one crop.
- DO NOT use in Clearfield Plus wheat crops in tank mix or sequentially with diuron, sulfonylureas, or sulfonamides.

Spray Drift Restrictions:

Specific definition of the terms used in this section of the label can be found at apvma.gov.au/spraydrift

DO NOT allow bystander to come into contact with the spray cloud.

DO NOT apply in a manner that may cause an unacceptable impact to native vegetation, agricultural crops, landscaped gardens and aquaculture production, or cause contamination of plant or livestock commodities, outside the application site from spray drift. The buffer zones in the relevant buffer table/s below provide guidance but may not be sufficient in all situations. Wherever possible, correctly use application equipment designed to reduce spray drift and apply when the wind direction is away from those sensitive areas.

DO NOT apply unless wind speed is between 3 and 20 kilometres per hour at the application site during the time of application.

DO NOT apply if there are hazardous surface temperature inversion conditions present at the application site during the time of application. Surface temperature inversion conditions exist most evening one to two hours before sunset and persist until one to two hours after sunrise.

DO NOT apply by a boom sprayer unless the following requirements are met:

- Spray droplet smaller than a MEDIUM spray droplet size category.
- Minimum distance between the application site and downwind sensitive area (see 'Mandatory buffer zones' section of the following tables titled 'Buffer zones for boomsprayers') are observed.

Buffer zone for boom sprayers when applied in tank mix combination with CONQUEST GUNNER 750 WG HERBICIDE

Application rate	Boom height above the target canopy	Mandatory downwind buffer zones				
		Bystander areas	Natural aquatic areas	Pollinator areas	Vegetation areas	Bystander areas
Up to 35.4g/ha Conquest Imazamax 700 WG Herbicide +	0.5 m or lower	0 metres	0 metres	0 metres	25 metres	0 metres
	1.0 m or lower	0 metres	20 metres	0 metres	70 metres	0 metres
15 g/ha Conquest Gunner 750 WG Herbicide						