



Company Name: CONQUEST CROP PROTECTION PTY LTD
Product Name: CONQUEST METOLAMAX 960 HERBICIDE

APVMA Approval No: 67515/101193

Label Name:	CONQUEST METOLAMAX 960 HERBICIDE
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Signal Headings:	CAUTION KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING
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Constituent Statements:	960 g/L METOLACHLOR
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Mode of Action:	GROUP K HERBICIDE
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Statement of Claims:	Controls certain annual grasses and broadleaf weeds in certain crops as specified in the directions for use
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Net Contents:	1000L 110L 200L 20L
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Restrains:	
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Directions for Use:	This section contains file attachment. File Name: Metolamax - Directions for Use.docx File Size: 18607 bytes
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Other Limitations:	WARNING – Cotton: DO NOT use when planting into dry soil or soil with marginal moisture. Under dry planting conditions heavy rain or flood irrigation soon after planting, together with below average soil temperatures, can result in crop injury due to the inability of the germinating seedling to metabolise above normal amounts of the herbicide that may accumulate in the root zone as a result of accelerated capillary movement. Conquest
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	<p>Metolamax 960 Herbicide should not be used in situations where these conditions are likely to occur.</p> <p>WARNING – Brassica crops: Crop retardation may occur where Conquest Metolamax 960 Herbicide is used on soils that have a low organic matter content and which contain more than 60% of fine sand and silt and less than 5% clay in the top 30 cm. On these soil types, use rates of Conquest Metolamax 960 Herbicide towards the lower end of the rate range and apply onto moist soil. Irrigation after application should be limited to no more than 25mm.</p> <p>Zero-tillage (Canola, Barley, Oats, Wheat, Triticale): When sowing using knife points and zero-tillage and leaving a seeding slot, DO NOT apply post seeding unless harrows (or similar) have tilled-in the seeding slot before application. Alternatively, apply Conquest Metolamax 960 immediately before sowing.</p> <p>DO NOT USE ON SOILS CONTAINING LESS THAN 5% CLAY IN THE TOP 30 cm</p> <p>DO NOT USE MORE THAT ONCE PER YEAR.</p> <p>DRIFT WARNING 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.</p>
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<p>Withholding Periods:</p>	<p>WITHHOLDING PERIOD CANOLA: DO NOT GRAZE TREATED FIELDS FOR 10 WEEKS AFTER APPLICATION. GREEN BEANS: DO NOT HARVEST, GRAZE OR CUT FOR STOCK FOOD FOR 10 WEEKS AFTER APPLICATION. PASTURES: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 13 WEEKS AFTER APPLICATION. SWEET POTATOES: DO NOT HARVEST, GRAZE OR CUT FOR STOCK FOOD FOR 23 WEEKS AFTER APPLICATION. WHEAT, BARLEY, OATS, TRITICALE: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 8 WEEKS AFTER APPLICATION. FORAGE ALL OTHER CROPS EXCEPT SWEET POTATOES: DO NOT GRAZE OR CUT STOCK FOOD FOR 13 WEEKS AFTER APPLICATION.</p>
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<p>Trade Advice:</p>	
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<p>General Instructions:</p>	<p>This section contains file attachment. File Name: Metolamax - General Instructions.docx File Size: 14228 bytes</p>
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<p>Resistance Warning:</p>	<p>Resistant Weeds Warning Conquest Metolamax 960 Herbicide is a member of the amide group of herbicides. The product has the diverse sites of action mode of action. For weed resistance management this is Group K herbicide. Some naturally-occurring weed biotypes resistant to Conquest Metolamax 960 Herbicide and other group K 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 Metolamax 960 Herbicide or other group K herbicides.</p>
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	<p>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 the failure of Conquest Metolamax 960 Herbicide to control the resistant weeds.</p> <p>Advice as to strategies and alternative treatments that can be used should be obtained from your local supplier, consultant, local Department of Agriculture, Primary Industries Department or a Conquest representative.</p>
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Precautions:	
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Protections:	<p>PROTECTION OF CROPS, NATIVE AND OTHER NON TARGET PLANTS DO NOT plant crops other than maize, sweet corn, tobacco, cotton, soybeans, sunflowers, peanuts, broccoli, Brussels sprouts, cabbages, cauliflowers or Concep II treated sorghum within six months of application of Conquest Metolamax 960 Herbicide.</p> <p>PROTECTION OF LIVESTOCK Do not graze or cut sweet potato leaves for stock food.</p> <p>PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT DO NOT contaminate streams, rivers or waterways with the chemical or used containers.</p>
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Storage and Disposal:	<p>STORAGE AND DISPOSAL Store in the closed, original container in a cool, well-ventilated area. Do not store for prolonged periods in 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 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.</p>
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Safety Directions:	<p>SAFETY DIRECTIONS Avoid contact with eyes and skin. Repeated exposure may cause allergic disorders. Sensitive workers should use protective clothing. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water.</p>
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First Aid Instructions:	If poisoning occurs, contact a doctor or Poisons Information Centre (Tel: 13 11 26).
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First Aid Warnings:	
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Directions for Use

Crops	Weeds Controlled	State	Rate	Critical Comments
Barley, Oats	Suppression of Annual Ryegrass	NSW, ACT, Tas, Vic, SA, WA only	565 to 750ml/ha	Apply to moist soils immediately after planting and before crop and weeds emerge. Use the lower rate on light soils. Application should be made to a moist seed bed and sufficient rain to thoroughly wet the top 3 to 4 cm of soil should occur within 10 days after spraying. Damage may occur if crop is sown too shallow (less than 4cm). Damage can occur on light sandy soil types after heavy rain. See General Instructions for use in zero-tillage systems.
Barley, Oats, Triticale, Wheat	Toad Rush	Vic, NSW, ACT, Tas, SA, WA only	225 to 375ml/ha	Apply at or immediately after planting and before crop and weeds emerge. Application should be made to a moist seed bed and sufficient rain to thoroughly wet the top 3 to 4cm of soil should occur within 10 days after spraying. Use rates towards the higher end of the range in wet areas or when longer residual control is required or in situations where crop competition is minimal. When mixed with Conquest Rival 750 apply pre-sowing and incorporate by sowing operation (for wheat only). See General Instructions for use in zero-tillage systems.
Broccoli, Brussels sprouts, Cabbages, Cauliflowers	Barnyard Grass, Blackberry Nightshade, Chickweed (suppression), Deadnettle, Fat-hen, Lovegrass, Pigeon Grass, Pigweed (suppression), Potato Weed, Shepherds Purse, Stinging Nettle, Summer Grass, Wireweed (suppression)	NSW, ACT, Vic, Qld, Tas, NT only	2.25 to 3 L/ha	Apply immediately after transplanting. Sufficient irrigation to wet the top 3 to 4cm of soil should be applied within 24 hours. Use rates towards the higher end of the range where Blackberry Nightshade, Chickweed, Fat-hen, Lovegrass, Pigeon Grass, Pigweed, Potato Weed and Wireweed are the major problem. See warning – Brassica crops
	Crowsfoot Grass, Fierce Thornapple (suppression), Liverseed Grass, Winter Grass	NSW & ACT only		Apply immediately after transplanting. Sufficient irrigation to wet the top 3 to 4cm of soil should be applied within 24 hours. Use rates towards the higher end of the range where Apple of Peru, Common Sowthistle, Fierce Thornapple, Liverseed Grass, Redroot Amaranth, Twiggy Turnip and Nettleleaf Goosefoot are the major problems. WARNING: Qld, only stunting and reduced yield may occur in broccoli in red soils and light alluvial soils. See Warning – Brassica crops
	Apple of Peru, Awnless Barnyard Grass, Fierce Thornapple (suppression) Liverseed Grass, Yellow Weed, Redroot Amaranth (suppression)	Qld only		
	Annual Ryegrass, Common Cotula, Common Sowthistle (suppression), Crowsfoot Grass, Fiddle Dock, Italian Ryegrass, Liverseed Grass, Nettleleaf Goosefoot (suppression), Twiggy Turnip (suppression), Winter Grass.	Vic, Tas only		
Canola	Toad Rush	All States	225 to 375ml/ha	Apply at or immediately after planting and before crops and weeds emerge. Apply to moist soil, use rates towards the higher end of the range where longer residual control is required. To avoid crop injury use rates towards the lower end of the range on light sandy soils. See General Instructions for use in zero-tillage systems
Cotton	Barnyard Grass, Crowsfoot Grass, Liverseed Grass, Lovegrass, Pigeon Grass, Summer Grass, Wandering Jew	NSW, WA, Qld only	1.52 L/ha	Pre-emergent. Apply before, at, or immediately after planting and before crops and weeds have germinated using a low volume boom sprayer applying 60 to 120 litres of mixture per hectare. Rain or irrigation is necessary within 10 days of spraying to thoroughly wet the top 3 to 4cm of soil. If rain does not occur or irrigation is unavailable incorporate chemical to a depth of 3 to 4cm. Use rates towards the higher end of the range on heavy soils or where a heavy grass population is expected. DO NOT throw untreated soil onto treated areas as this will reduce weed control. DO NOT use on soils where the sand content exceeds 70%. Use lower rate where the sand content of the soil is within the range 50% to 70%. See Warning – Cotton
Green Beans Navy Beans	Black Berry Nightshade, Common Sowthistle, Fat-hen, Potato Weed, Barnyard Grass, Crowsfoot Grass, Liverseed Grass, Lovegrass, Pigeon Grass, Summer Grass and suppression of	NSW, ACT, Qld, Vic, SA only	2.25 to 3 L/ha	Pre-emergent. Apply before, at or immediately after planting and before crops and weeds have germinated. Rain or irrigation is necessary within 10 days of spraying to thoroughly wet the top 3 to 4cm of soil. If rain does not occur or irrigation is unavailable incorporate chemical to a depth of 3 to 4cm. DO NOT throw untreated soil onto treated areas as this will

	Pigweed. Powell's Amaranth	Tas only	3 L/ha	reduce weed control. Pre-emergent. Apply before, at or immediately after planting and before crops and weeds have germinated. For sufficient Amaranth control the CONQUEST METOLAMAX 960 HERBICIDE application should be followed by 1 L/ha BASAGRAN (2 leaf Amaranth) plus 2L/ha BASAGRAN (4 leaf Amaranth). Rain or irrigation is necessary within 10 days of spraying to thoroughly wet the top 3 to 4cm of soil. If rain does not occur or irrigation is unavailable incorporate chemical to a depth of 3 to 4cm. DO NOT throw untreated soil onto treated areas as this will reduce weed control.
Maize (not Waxy Maize) Sweet Corn	Barnyard Grass, Crowsfoot Grass, Liverseed Grass, Lovegrass, Pigeon Grass, Summer Grass, Wandering Jew.	All States	1.5 to 3 L/ha	Pre-emergent. Apply before, at, or immediately after planting and before crops and weeds have germinated using a low volume boom sprayer applying 60 to 120 litres of mixture per hectare. Rain or irrigation is necessary within 10 days of spraying to thoroughly wet the top 3 to 4cm of soil. If rain does not occur or irrigation is unavailable incorporate chemical to a depth of 3 to 4cm. Use rates towards the higher end of the range on heavy soils or where a heavy grass population is expected. DO NOT throw untreated soil onto treated areas as this will reduce weed control. DO NOT use on soils where the sand content exceeds 70%. Use lower rate where the sand content of the soil is within the range 50% to 70%.
	Blackberry nightshade, Caltrop, Common Thornapple, Mintweed, Needle Burr, Noogoora Burr, Pigweed, Redroot Amaranth, Slim Amaranth		1.5 to 3 L plus 2.5 L of 500g/L Flowable Atrazine per ha	
Pastures – Trikkala Sub-clover, Halfa white clover, Maral persian clover, Paradana Balansa clover, Redquin red clover, Phalaris and Cocksfoot.	Toad Rush	NSW, ACT, Vic, SA, WA, NT only	300 to 375 mL/ha	Apply at or immediately after planting and before pasture species and weeds emerge. Application should be made to a moist seed bed. Sufficient rain to thoroughly wet the top 3 to 4cm of soil should occur within 10 days after spraying. Use rates towards the higher end of the range in wet areas or when longer residual control is required. DO NOT use in soils where prolonged waterlogging is anticipated otherwise unacceptable crop retardation will occur. Avoid damage to pasture species by avoiding overlaps and double spraying in headlands where White, Persian and Balansa clovers are sown and if the 375mL rate is being used.
Peanuts	Barnyard Grass, Crowsfoot Grass, Liverseed Grass, Lovegrass, Pigeon Grass, Summer Grass, Wandering Jew	Qld, NSW, NT, WA only	1.5 to 3 L/ha	Apply before pre-irrigation where soil crusting is likely. Apply before, at, or immediately after planting and before weeds germinate. Rain or irrigation is necessary within 10 days of spraying to thoroughly wet the top 3 to 4 cm of soil. If rain does not occur or irrigation is unavailable incorporate chemical to a depth of 3 to 4 cm. DO NOT throw untreated soil onto treated areas as this will reduce weed control. Use rates towards the higher end of the range on heavy soils or where a heavy grass
Soybeans Sunflowers		All Sates		
Sorghum treated with Concep II Sorghum Seed Safener	Barnyard Grass, Crowsfoot Grass, Liverseed Grass, Lovegrass, Pigeon Grass, Summer Grass, Wandering Jew	Qld, NSW, ACT, WA, NT only	1.5 to 3 L/ha	Pre-emergent. Apply before, at or immediately after planting and before crops and weeds have germinated using a low volume boom sprayer applying 60 to 120 litres of mixture per hectare. DO NOT apply to sorghum seed not previously treated with Concep II Sorghum Seed Safener. Rain or irrigation is necessary within 10 days of spraying to thoroughly wet the top 3 to 4 cm of soil. If rain does not occur or irrigation is unavailable incorporate chemical to a depth of 3 to 4 cm. Use rates towards the higher end of the range on heavy soils or where a heavy grass population is expected. DO NOT throw untreated soil onto treated areas as this will reduce weed control. Use the lower rate on sandy soils.
	Blackberry nightshade, Caltrop, Common Thornapple, Mintweed, Needle Burr, Noogoora Burr, Pigweed, Redroot Amaranth, Slim Amaranth		1.5 to 3 L/ha plus 2.5 L of 500g/L flowable Atrazine	
Sugar Cane (plant and ratoon)	Awnless Barnyard, Grass, Barnyard Grass, Bellvine, Billygoat Weed (Blue top), Blackberry Nightshade, Caltrop, Common Sowthistle (Milk Thistle), Common Thornapple, Crowsfoot Grass, Green Summer Grass, Guinea Grass, Mexican Clover, Mintweed, Needle Burr, Passionfruit Vines, Pigeon Grass, Pigweed, Redroot Amaranth, Square Weed, Star of	Southern Qld only (Bundaberg South)	1.65 to 2.175 L/ha plus 2.7 to 3.6 L/ha of 500g/L Flowable Atrazine Liquid or 1.5 to 2 kg/ha of Atrazine 900 DF	Apply as a pre- or post-emergent application to crop. Apply once per year only. Application should be made to a moist soil before weeds and grasses have germinated. If conditions remain dry for a period of 10 days after spraying, irrigation or a shallow cultivation (2.5cm) may assist results. DO NOT throw untreated soil on to treated areas this will reduce weed control. In Southern Queensland, use rates toward the higher end of the range on heavy soils were a high grass population is expected. In Northern Queensland, application must be made to moist soil and rainfall or irrigation should occur within 24 hors of application. Use rates toward the higher end of the range where high Green Summer Grass population is expected. Where broadleaf weeds and grasses have emerged and are in the 2 to 4 true

	Bethlehem, Summer Grass, Wild Rose	Northern Qld only (Mackay North)	2.175 to 2.7 L/ha plus 3.6 to 4.5 L/ha of 500g/L Flowable Atrazine Liquid or 2 to 2.5 kg/ha of Atrazine 900 DF	leaf stage, knockdown herbicides such as Primatol Z (2L/ha), a flowable Diuron (500g/L) at 1L/ha or Conquest Explode 250 (1.2 to 1.6L/ha), applied as a post directed spray, can be added. Where broadleaf weeds only have emerged and are at the 2 to 4 true leaf stage then a 500g/L 2,4-D amine at 2L/ha should be added. In all cases add a non-ionic surfactant. Follow all instructions and restrictions on the Atrazine labels.
Sweet Potatoes	Black Pigweed, Redshank, Potato weeds, Barnyard Grass, Crowsfoot Grass, Liverseed Grass, Lovegrasses, Pigeon Grass, Summer Grass, Suppression of Evening Primrose	Qld, NSW, ACT, Vic, SA, NT only	2.25 L/ha	Pre-emergent. Apply immediately after transplanting before weeds have germinated. Sufficient irrigation to wet the soil through the weed zone should be applied within 24 hours. Further weed germination may occur following reilling due to exposure of untreated soil.
Tobacco (transplanted in field)	Barnyard Grass, Lovegrass, Pigeon Grass, Summer Grass, and suppression of Common Thornapple (<i>Detura stramonium</i>) and Nightshades (<i>Solanum sarrachoides</i> and <i>S.gigrum</i>)	NSW, Vic only	2.25 L/ha	Apply by low volume boom spray prior to transplanting and before weeds and grasses germinate. The seed bed should be fine and free of large clods. Thoroughly incorporate within 7 days of spraying using a rotary hoe or similar equipment set to work to a depth of 7.5cm. DO NOT use disc cultivating implements. An even coverage of the herbicide is essential. The herbicide needs to be activated by moisture through to the top 3 to 4cm of soil at the time of application or within 4 days of incorporation. This can be achieved by applying to moist soil, irrigating soon after incorporation or irrigating immediately after transplanting. Avoid boom overlaps as double treatment may cause growth suppression. Temporary crop retardation may be observed when soil conditions remain dry after application or where black root rot may occur.

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

GENERAL INSTRUCTIONS

Uses

The product is a short residual pre-emergent herbicide for the control of many important annual grasses and broadleaf weeds in the crops nominated. The product does not control the important broadleaf weeds in maize, sweet corn and Concep II treated sorghum, but when mixed with Flowable Atrazine control of many important annual weeds and grasses is obtained without the problem of carryover of herbicides affecting succeeding crops. The product acts mainly through shoot (coleoptile) absorption. Its effectiveness depends on the occurrence of rainfall or irrigation to move it down into the top 3 to 4cm of soil, where it must be present at the time of weed germination.

Application

Ensure complete and even coverage is achieved.

Ground Sprayers: Standard boom sprayers only are recommended and must be fitted with by-pass or mechanical agitation. It is recommended that 50 to 100L water/ha is applied with spray droplets of a COARSE droplet size category. In situations (e.g. high stubble loads) high water volumes may give higher levels of weed control.

APVMA Compliance Instructions for Mandatory COARSE or Larger Droplet Size Categories.

Important Information

These instructions inform users of this chemical product how to lawfully comply with the requirement of a COARSE or larger spray droplet size category for spray application.

Spray droplet size categories are defined in the ASAE S572 (newer name may also be shown as ASABE) or the BCPC guideline. Nozzle manufacturers may refer to one or both to identify droplet size categories, but for a nozzle to comply with this requirement, the manufacturer must refer to at least one.

In the following instructions, section 1 is for ground application and Sections 2 and 3 are for aerial application.

Complying with the label requirement to use a specific droplet size category means using the correct nozzle that will deliver that droplet size category under the spray operation conditions being used. The APVMA has approved only the following specific methods for choosing the correct nozzle. Use one of the methods specifies in these instructions to select a correct nozzle to deliver a coarse or larger droplet size category.

SECTION 1

Instructions for **Ground Application – for COARSE droplet size or larger categories.**

Mandatory Instructions for Ground Applications

USE ONLY nozzles that the nozzles' manufacturer has rated to deliver a COARSE, VERY COARSE or an EXTREMELY COARSE droplet size category as referenced to ASAE S572 or BCPC. Choose a nozzle specified to provide the droplet size category required in the label Spray Drift Restraints.
DO NOT use a higher spray system pressure than the maximum the manufacturer specifies for the selected nozzle to deliver the droplet size category required in the label Spray Drift Restraint.

SECTIONS 2 and 3 are not applicable to this label

Mixing

Add the required amount directly to the spray tank, fill with water and mix well.

Compatibility

Conquest Metolamax 960 Herbicide is compatible with Prometryn Flowable Liquid Herbicide, Fluometuron 500 Flowable Herbicide, Prometryn/Fluometuron 500 Liquid Herbicide, Atrazine Flowable Herbicide, Conquest Rival 750, Paraquat and Conquest KnockOUT 450 Glyphosate Herbicide.