

Prepared For: Conquest Agrochemicals Pty Limited 46 Hasler Rd, PERTH, WA 6017			Regulatory Author: Conquest Agrochemicals Pty Limited			APVMA Approval No: 62787/	
Prepared By:	Detail:	Colour Key			% Proof Sizing of actual article A3 sheet		Copyright © 2008 Conque
Agrochemicals	Name: Conquest Knockout 450 Herbicide 5L Last Revision: 18 September 2008 Size: 260mm x 145mm	PMS 375	PMS 281 PMS 032	BLACK	100%		All rights Reserved. No part of tronic or mechanical, includin prior permission in writing fro Respective Trademarks and co

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y Data Sheet, whic	h can be obtained from the supplier.
rmation Centre (Tel	: 13 11 26).
t with eyes and skir preparing product ash hands, arms an thing.	b. When using controlled droplet applicator wear protective for use wear elbow length PVC gloves and face shield or goggles. Ind face thoroughly with soap and water. After each days use, wash
fully into application	on equipment. Close all valves and return to point of supply for
-ventilated area. D disposal. Add rins to recycler or desig ury empty containe ly marked and set u of be burnt.	to not store for prolonged periods in direct sunlight. ings to spray tank. Do not dispose of undiluted chemicals on-site. mated collection point. ers in a local authority landfill. If no landfill is available bury the up for this purpose clear of waterways, desirable vegetation and

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	CAUTION REEP OUT OF REACH OF CHILDREN ETY DIRECTIONS BEFORE OPENING OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR		 STORAGE AND DISPOSAL Store in the closed, original container in a coor Triple or preferably, pressure rinse containers If recycling, replace cap and return clean cont if not recycling, break, crush, and or puncture containers below SOOmm in a disposal pit spe tree roots. Empty containers and product she For refillable containers: Empty containers refill or storage. SAFETY DIRECTIONS Product will irritate the eyes and skin. Avoid of waterproof clothing and impervious footweat After use and before eating, drinking or smodi gloves, face shield or goggles and contaminat FIRST AID If poisoning occurs, contact a doctor or Poison MATERIAL SAFETY DATA SHEET Additional information is listed in the Materia CONDITIONS OF SALE Conquest Agrochemicals Pty. Ltd. shall not be or whoseever arising whether through neglig supply of this product is on the express condi- using the same and every person using this p add or alter these conditions.
	GROUP HERBICIDE		IN EMERGEN 000
Conquest KnockOUT 45 and p	50 Herbicide is a non-selective herbicide that will kill r plants in situations as indicated in the directions for u	nost emerged weeds se.	POLICE OR FIR
IMPOF	RTANT: READ THE ATTACHED BOOKLET BEFORE	USE	DOM:
	CONQUEST AGROCHEMICALS PTY, LTD. ABN 84 098 814 932 Unit 1, 46 Hasler Road, Osbourne Park, WA 6017 Telenbone: 08 9347 0500 Farcimile: 08 9347 0551	110L	APVMA Approval No: 62787/110L/0508

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with eyes and ski preparing produc ash hands, arms a thing.	in. When using controlled droplet applicator wear protective t for use wear elbow length PVC gloves and face shield or goggles. Ind face thoroughly with soap and water. After each days use, wash
fully into applicat	ion equipment. Close all valves and return to point of supply for
disposal. Add rin to recycler or desi ury empty contain ly marked and set of be burnt.	be not store for prolonged pendos in affect sumight. sings to spray tank. Do not dispose of undiluted chemicals on-site. gnated collection point. ers in a local authority landfill. If no landfill is available bury the up for this purpose clear of waterways, desirable vegetation and

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CAUTION KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING	STORAGE AND DISPOSAL Store in the closed, original container in a cool, well-ven Triple or preferably, pressure rinse containers before disg If recycling, replace cap and return clean containers to m If not recycling, break, crush, and or puncture and bury containers below 500mm in a disposal pit specifically m tree roots. Empty containers and product should not be For refilable containers: Empty containers fully
ACTIVE CONSTITUENT ASOCIA GLYPHOSATE Present as the isopromise set	SAFETY DIRECTIONS Product will irritate the eyes and skin. Avoid contact wit waterproof clothing and impervious footwear. When pre After use and before eating, drinking or smoking, wash gloves, face shield or goggles and contaminated clothing FIRST AID If poisoning occurs, contact a doctor or Poisons Informat MATERIAL SAFETY DATA SHEET Additional information is listed in the Material Safety Dat CONDITIONS OF SALE Conquest Agrochemicals Pty. Ltd. shall not be liable for a or whosoever arising whether through negligence or oft supply of his product is on the express condition that th using the same and every person using this product doe add or alter these conditions.
Conquest KnockOUT 450 Herbicide is a non-selective herbicide that will kill most emerged weeds	IN EMERGENCY DI 000, POLICE OR FIRE BRI
IMPORTANT: READ THE ATTACHED BOOKLET BEFORE USE	Batch No: DOM:
CONQUEST CONQUEST AGROCHEMICALS PTY. LTD. CONTENTS Agrochemicals 20L I 200L I Osbourne Park, WA 6017 220L I 1000L I	APVMA Approval No: 62787/20L/0508

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	CAUTION EEP OUT OF REACH OF CHILDREN TY DIRECTIONS BEFORE OPENING OR	APPROVED LABEL	STORAGE AND DISPOSAL Store in the closed, original container in a cool, well- Triple or preferably, pressure rinse containers before or If recycling, replace cap and return clean containers to If not recycling, break, crush, and or puncture and bu containers below 500mm in a disposal pit specifically tree roots. Empty containers and product should not For refillable containers: Empty containers for refill or storage.
	The second secon		SAFETY DIRECTIONS Product will irritate the eyes and skin. Avoid contact will waterproof clothing and impervious footwear. When p After use and before eating, drinking or smoking, was gloves, face shield or goggles and contaminated cloth FIRST AID If poisoning occurs, contact a doctor or Poisons Inform MATERIAL SAFETY DATA SHEET Additional information is listed in the Material Safety CONDITIONS OF SALE Conquest Agrochemicals Pty. Ltd. shall not be liable for or whosever arising whether through negligence or of supply of this product is on the express condition that using the same and every person using this product d add or after these conditions.
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Conquest KnockOUT 450 and pl	Herbicide is a non-selective herbicide that will kill mo ants in situations as indicated in the directions for use	ost emerged weeds	POLICE OR FIRE BR
IMPORT	ANT: READ THE ATTACHED BOOKLET BEFORE U	SE	Batch No: DOM:
Agrochemicals	CONQUEST AGROCHEMICALS PTY. LTD. ABN 84 098 814 932 Unit 1, 46 Hasler Road, Osbourne Park, WA 6017 Telephone: 08 9347 0500, Facsimile: 08 9347 0551.	CONTENTS 20L 200L 200L 220L 200L 200L	APVMA Approval No: 62787/20L/0508

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

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ACTIVE CONSTITUENTS: 450g/L GLYPHOSATE present as the Isopropylamine salt.

GROUP HERBICIDE

Conquest KnockOUT 450 Herbicide is a non-selective herbicide that will kill most emerged weeds and plants in situations as indicated in the directions for use.

IMPORTANT: READ THIS BOOKLET THOROUGHLY BEFORE USING THIS PRODUCT



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DIRECTIONS FOR USE RESTRAINTS

To ensure herbicide absorption, do not disturb weeds by cultivation, sowing or grazing for 1 day after treatment of annual weeds and 7 days for perennial weeds, except where noted.

ANNUAL WEED CONTROL – ALL STATES

WEEDS CONTROLLED	RATE	CRITICAL COMMENTS
Amaranth (Amaranthus spp.)	Boom:	All weeds
Barley grass (Hordeum leporinum)	1.6 – 2.4L/ha	Spray actively growing plants. The taller the weed the higher the rate. As a
Barnyard grass (Echinochloa spp.)		guide use the higher rate when weeds are higher than 15cm.
Brome grass (Bromus spp.)	Handgun:	
Caltrop (Tribulus terrestis)	400 – 560mL per 100L of water	If residual activity is required, see section titled "Compatibility". To use a
Canary grass (Phalaris spp.)		residual herbicide, use the herbicides that have been recommended as being
Capeweed (Arctotheca calendula)	Knapsack:	compatible in accordance with their label rates.
Cereals (volunteer)	60 – 80mL per 15L of water	
Chickweed (Stellaria media)		Use Glyphosate at rates indicated in the adjacent column.
Cobbler's Peg (Bidens pilosa)		
Deadnettle (Lamium amplexicaule)		
Double Gee (Emex australis)		
Fumitory (Fumaria officinalis)		
Ground Cherry (Physalis angulata)		
Lesser Swinecress (Coronopus didymus)		
Liverseed grass (Urochloa panicoides)		
Mintweed (Salvia reflexa)		
Paradoxa grass (Pharlaris paradoxa)		
Paterson's Curse (Echium plantagineum)		
Pigweed (Portulaco oleracea)		
Potato weed (Galinsoga parviflora)		
Rye grass (Lolium rigidum)		
Saffron thistle (Carthamus lanatus)		
Silver grass (Vulpis spp.)		
Sow Thistle (Sonchus oleraceus)		
Spear Thistle (Cirsium valgare)		
Spiny Burrgrass (Cenchrus spp.)		
Spurge (Euphorbia spp.)		
Sub Clover (Trifolium subterraneum)		

WEEDS CONTROLLED	RATE	CRITICAL COMMENTS
Thornapple (Datura spp.)	Boom:	All weeds
Wild Mustard (Sisymbrium officinale) Wild Oats (Avena spp.)	1.6 – 2.4L/ha	Spray actively growing plants. The taller the weed the higher the rate. As a guide use the higher rate when weeds are higher than 15cm.
Wild Turnip (Brassica tournefortii)	Handgun:	
Winter grass (Poa annua) Variegated Thistle (Silybum marianum)	400 – 560mL per 100L of water	If residual activity is required, see section titled "Compatibility". To use a residual herbicide, use the herbicides that have been recommended as being
	Knapsack:	compatible in accordance with their label rates.
	60 – 80mL per 15L of water	
		Use Glyphosate at rates indicated in the adjacent column.

PERENNIAL WEED CONTROL

WEEDS CONTROLLED	STATE	RATE			CRITICAL COMMENTS
		Boom L/ha	Knapsack mL/15L	Handgun vol/100L	
Bent Grass (Agrostis tenuis)	Vic, Tas only	2L	60mL	400mL	Apply to actively growing plants in late spring when they have some seed head development but before summer drought stress. Bent grass should NOT be grazed heavily at spraying. Follow-up management is required to limit seedling re-establishment. Full disturbance with tyned implement should follow 10-21 days after spraying. Application of this product should be followed by a summer crop and/or by reseeding pasture or crop the following autumn.
Blady Grass (Imperata cylindrica)	Qld,NSW only	7.2L	160mL	1L	Spray at head stage while plants are in active growth stage.
Carpet Grass (Axonopus spp.)	All States	2.4L	60mL	400mL	Spray at early head stage while in active growth stage.
Cocksfoot (Dactylis glomerata)		2.4L	80mL	560mL	Spray at early head stage while in active growth stage.

WEEDS CONTROLLED	STATE	RATE			CRITICAL COMMENTS
		Boom L/ha	Knapsack mL/15L	Handgun vol/100L	
Couch (Cynodon dactylon)	All States	7.2L	160mL	1L	Spray at early head stage (late Spring).
Cumbungi (<i>Typha spp</i> .)		7.2L	160mL	1L	Spray during Summer or Autumn period during the heading stage. Except for Tasmania, Wiper equipment can be used. Refer to information on Application Equipment Section of the label. DO NOT apply to weeds growing in or over water. DO NOT spray across bodies of water and DO NOT allow spray to enter the water. DO NOT allow water to return to dry channels or drains within 4 days of application.
Flatweed (Cat's Ear) (Hypochoeris radicata)		2.4L	8mL	560mL	Spray at early flowering stage to fully developed rosettes.
Glyceria (Glyceria maxima)	Tas Only	4.8L	120mL	800mL	Spray at fully headed stage in late Summer/Autumn. Add surfactant at recommended rate. DO NOT apply to weeds growing in or over water. DO NOT spray across bodies of water and DO NOT allow spray to enter the water. DO NOT allow water to return to dry channels or drains within 4 days of application.
Guinea Grass (Panicum maximum)	All States	7.2L	160mL	1L	Spray at early head stage. Refer to "Application Equipment" section of the label: sub-heading "Wiper Equipment" as it can also be used.
Hoary Cress (Cardaria draba)	Vic, NSW Only	1.2L	60mL	400mL	Spray at late rosette to flowering stage, late July to September. At this time of year ensure frosts, waterlogging or possibly drought stress are not a restraint as plants need to be in active growth stage. Refer to "Wiper Equipment" section of this booklet if this use technique can be applied to the situation.
Johnson Grass (Sorghum halepense)	All States	4.8L	120mL	800mL	Spray at early head stage when plants are actively growing or refer to "Wiper Equipment" section of this booklet if that application technique is to be used on Johnson Grass.
Kangaroo Grass (Themeda australis)	All States	4.8L	120mL	800mL	Spray at early head stage when plants are actively growing.

WEEDS CONTROLLED	STATE	RATE			CRITICAL COMMENTS
		Boom L/ha	Knapsack mL/15L	Handgun vol/100L	
Kikuyu Grass (Pennisetum clandestinum)	All States	4.8L	120mL	800mL	Spray at early head stage when plants are actively growing.
Nutgrass (Cyperus rotundus)		4.8L	120mL	800mL	Non-cultivated situations.
Nutgrass (Cyperus rotundus)		2.4 Plus 2.4	80mL Plus 80mL	560mL Plus 560mL	If spraying is to be done on crop growing land, apply first spray in February, which is about the time that 20% - 25% of plants have reached heading stage. Then a second application is necessary about 2 months later, which gives adequate time for full emergence to occur. Because underground runners are broken up by cultivation, individual nuts may spring up and repeat treatments may be needed to obtain a total control situation. On land that is primarily grazing or urban, spray in February/April period, so long as correct growing conditions are present. Again ensure that 20% - 25% of plants have reached the head stage.
Paragrass (Brachiara mutica)		7.2L	160mL	1L	Spray at early head stage when plants are in active growth. DO NOT apply to weeds growing in or over water. DO NOT spray across bodies of water and DO NOT allow spray to enter the water. DO NOT allow water to return to dry channels or drains within 4 days of application.
Paspalum (Paspalum dilatatum)]	4.8L	120mL	800mL	Spray at early head stage when plans are in active growth.
Phalaris (Phalaris aquatica)	SA, Vic, NSW only	2.4L – 4.8L	60 – 120mL	400mL to 1L	For medium to longer-term control, use the high rates while plants are in active growth phase during Winter/spring. The lower rates may be used in conjunction with burning (fire breaks). This will give a brown out and better burning conditions. Leave for 2-3 weeks after spraying before burning.

WEEDS CONTROLLED	STATE		RATE		CRITICAL COMMENTS
		Boom L/ha	Knapsack mL/15L	Handgun vol/100L	
Phragmites Common Reed (Phragmites australis)	All States	7.2L	60mL	1L	If the Wiper technique is to be used, refer to "Wiper Equipment" section in this booklet. Spray when plants are getting close to early head stage and actively growing. Spray symptoms may not be observed for a season or more. DO NOT apply to weeds growing in or over water. DO NOT spray across bodies of water and DO NOT allow spray to enter the water. DO NOT allow water to return to dry channels or drains within 4 days of application.
Plantains (Plantago spp)		2.4L	80mL	560mL	Spray when plants have reached the early head stage. Bear in mind that plantains are slow to develop toxicity symptoms.
Prairie Grass (Bromus unioloides)		4.8L	120mL	800mL	Spray at early head stage of heading while plants are in active growth phase.
Qld Blue grass (Dichanthium sericium)		4.8L	120mL	800mL	Spray at early head stage of heading while plants are in active growth phase.
Red-Leg Grass (Bothriochloa ambigua)		4.8L	120mL	800mL	Spray at early head stage of heading while plants are in active growth phase.
Rhodes Grass (Chloris gayana)		4.8L	120mL	800mL	Spray at early head stage of heading while plants are in active growth phase.
Rope Twitch (Agropyron repens)	Tas, Vic Only	4.8L	120mL	800mL	Leave ground in a dormant state for 8 months prior to spraying in late Summer/Autumn, so that the foliage to uptake the product is fully available (at least 20cm in height). Ensure drought stress conditions do not exist at time of spraying.
Rushes (Juncus spp)	All States	See Critical Comments		nents	Use Wiper technique ensuring a high percentage of green matter is present. Refer to section of this booklet entitled "Wiper Equipment" for directions for use. DO NOT apply to weeds growing in or over water. DO NOT spray across bodies of water and DO NOT allow spray to enter the water. DO NOT allow water to return to dry channels or drains within 4 days of application.

WEEDS CONTROLLED	STATE	RATE			CRITICAL COMMENTS
		Boom L/ha	Knapsack mL/15L	Handgun vol/100L	
Sedge – Tall (Cyperus gracilis)	NSW, Tas, Vic only	See Critical Comments			Use Wiper technique ensuring a high percentage of green matter is present. Refer to section of this booklet entitled "Wiper Equipment" for directions for use. DO NOT apply to weeds growing in or over water. DO NOT spray across bodies of water and DO NOT allow spray to enter the water. DO NOT allow water to return to dry channels or drains within 4 days of application.
Silverleaf Nightshade (Solanum elaegnifolium)	NSW only	-	240mL	1.6L	Spray actively growing plants when good soil moisture is present. Spray when plants are in the late flowering to berry stage. Follow up sprays will be required to maximise control.
Sorrel (Rumex acetosella)	All States	4.8L	120mL	800mL	Spray at bud stage so long as plants are in an active growth phase. Refer to other sorrel entries in the directions for use table for additional critical comments.
Soursob (Oxalis pescaprae)	NSW, Vic, SA, WA, Tas only	1.2L	60mL	400mL	Best results can be obtained by late Winter/early Spring sprays. Ensure that foliage is in a healthy, actively growing state at time of spraying. Refer to other soursob entries in the directions for use table for additional critical comments.
St John's Wort (Hypericum perforatum)	All States	2.4L	60mL	400mL	Spray at the flowering to post-flowering stage in the Summer/Autumn period. As spraying is only part of the total management concept of pasture improvement, follow-up sprays may be needed.
Thistle Artichoke (Cynara cardunculus)	Vic, SA only	2.4L	60mL	400mL	Spray when plants have reached rosette/early-heading stage. Plants should be free of soil deposits, particularly when spraying along roadsides.
Thistle-Californian (Cirsium arvense)	Vic, Tas only	4.8L	120mL	800mL	Spray at the flowering stage. As spraying is only part of the total management concept of pasture improvement, follow-up sprays may be needed.
Water Couch (Paspalum distichum)	All States	2.4L	80mL	560mL	Spray actively growing plants in February/March period. DO NOT apply to weeds growing in or over water. DO NOT spray across bodies of water and DO NOT allow spray to enter the water. DO NOT allow water to return to dry channels or drains within 4 days of application.
Yorkshire Fog (Holcus lanatus)		2.4L	80mL	560mL	Spray when plants have reached the early heading stage and are in an active growth phase.

CROP / SITUATION	STATE	WEEDS CONTROLLED	RATE Vol/ha	CRITICAL COMMENTS
TREE AND VINE CROPS Avocados, Banana, Blueberries, Citrus Fruits, Custard Apples, Duboisia, Figs – dessert, Guava, Kiwifruit, Litchi, Mango, Monstera – fruit, Nuts (including Almond, Pecan, Macadamia, Pistachio and Walnut), Olives, Pawpaw, Persimmons, Pome Fruit, Raspberries, Stone Fruit, Tea, Vineyards	All States	Amaranth, Barley Grass, Brome grass, Barnyard grass, Caltrop, Canary grass, Capeweed, Chickweed, Deadnettle, Doublegee, Liverseed grass, Mintweed, Paterson's Curse, Pigweed, Ryegrass, Silvergrass, Spear Thistle, Thornapple, Wild mustard, Wild oats, Wild Turnip, Winter grass, Variegated Thistle	400 – 800mL pre tillering 800mL – 1.0L post tillering	Apply as a directed by shielded spray or using wiper equipment. DO NOT apply as a spray near trees or vines less than 3 years old unless they are effectively shielded from spray and spray drift. DO NOT allow wiper surface to contact any part of the tree, vine or palm. Citrus Fruits, Nuts, Olives, Pome Fruit and Vineyards - DO NOT allow spray drift to contact green bark or stems, canes, laterals, suckers, fresh wounds, foliage or fruit. Tea – apply a maximum of 2.4L/ha by shielded boom or directed off-centre nozzle or 0.4L/100L by directed hand-gun or knapsack to avoid application to the crop. All other crops – DO NOT allow spray or spray drift to contact any part of the plant including the trunk. CAUTION - Where split bark on Kiwifruit and green stems on Pawpaw occur, extreme care is required. Annual weeds may be sprayed anytime they are actively growing. Use the lower rate on weeds up to 15 cm tall.

CROP / SITUATION	STATE	WEEDS CONTROLLED	RATE Vol/ha	CRITICAL COMMENTS
SOUTHERN AUSTRALIA WA, Prior to sowing a crop or pasture with full soil disturbance by cultivation or sowing with a tyned implement WA, SA, VIC, NSW only	WA, SA, VIC, NSW only	Barley Grass, Brome grass, Volunteer cereals, Wild oats	400 – 800mL pre tillering 800mL – 1.0 L post tillering	Treat actively growing weeds not under stress from low moisture, frost, cold, disease or waterlogging. If heavy grazing has occurred allow regrowth to 6-8 cm before spraying and use the higher rate. RATE SELECTION: Increase to higher rates late in the season or when treating under cold/overcast conditions. FULL DISTURBANCE with cultivation or sowing with a typed
		Annual phalaris (Canary grass), Annual ryegrass, Silvergrass, Winter grass	800mL – 1.0 L pre tillering 1.0 L – 1.2 L post tillering	implement may start 1 day after treatment (7 days if Dock, Phalaris, Skeleton weed, Soursob or Sorrel are present) and should occur within 21 days after treatment. Where cultivation or sowing does not occur within 21 days, new weed growth may require further treatment. When treating light infestations of seedling annual grasses (pre-tillering)
	Calomba daisy, Capeweed, Doublegee (Spiny Emex)	400mL – 800mL less than 8 cm diameter 800mL – 1.2 L greater than 12 cm diameter	and annual broadleaved weeds (less than 8cm dia/height) cultivation or sowing may start 6 hours after treatment and should occur within 21 days. CROP ESTABLISHMENT: Sowing should not proceed until conditions allow the formation of a catification conductor	
		Amsinckia, Fumitory, Paterson's Curse, Saffron Thistle, Scotch Thistle, Spear thistle, Variegated thistle, Volunteer lupins, Wild turnip	800mL – 1.0 L less than 12 cm diameter 1.0 L – 1.2 L greater than 12 cm diameter	Establishment for directions ANNUAL RYEGRASS, SILVERGRASS AND PERENNIAL GRASSES: Addition of a non-ionic wetting agent, 200ml/100L of spray solution may improve control. When treating dense infestations of Silvergrass, use of low volume nozzles (eg. SS 11001, Hardi No 10)
		Dock (Seedling)	800mL – 1.2 L	and a spray volume of 70 L/Ha or more is recommended to improve
		Perennial phalaris, Skeleton weed fully emerged rosettes (NSW only), Sorrel, Soursob, Sub clover	1.2 L	TANK MINTURES: For improved control of clover add dicamba. Read and follow all label directions, restraints, plant back periods, withholding periods, regional use restrictions and safety directions for the tank mix products. See Tank Mixtures for directions PERENNIAL WEEDS: For Perennial phalaris, Soursob, Skeleton weed and Sorrel, this product will provide knockdown, seasonal suppression and reduction in treated plant numbers.
	Tas only	All the above weeds	1.2 L - 2.4 L	TASMANIA: Use 1.2L/ha on annual weeds. Increase to 2.4L/ha where perennial weeds are being treated. To control White clover and improve control of Sorrel and Dock, add 1L/ha of dicamba 200g/L. Observe dicamba label directions and plant back periods.

CROP / SITUATION	STATE	WEEDS CONTROLLED	RATE Vol/ha	CRITICAL COMMENTS
SOUTHERN AUSTRALIA	NSW, SA, VIC, WA,	Barley Grass, Brome grass, Volunteer cereals, Wild oats	800mL – 1.2 L	Treat actively growing weeds not under stress from low moisture, frost, cold, disease or waterlogging. If heavy grazing of mature plants has occurred
Prior to establishing a crop or pasture with an implement that gives minimal or no soil	only	Brome grass, Canary grass, Capeweed, Variegated thistle, Winter grass	1.0L – 1.6 L	allow regrowth to 6-8 cm before spraying and use the higher rate. RATE SELECTION: Use the lower rate on young weeds, increase to the higher rate where grasses reach full tillering or where broadleaf weeds reach stem elongation/budding. Increase to higher rates in spring or when treating
disturbance.	Annual ryegrass, Paterson's curse, Saffron thistle, Scotch thistle, Silvergrass, Spear thistle, Wild mustard, Wild radish, Wild turnip	1.2L – 1.6 L	under cold/overcast conditions. AERIAL APPLICATION: Use the higher rates. See also Aerial Application section under General Instructions. ANNUAL RYEGRASS, SILVERGRASS AND PERENNIAL GRASSES: Add a non-ionic wetting agent, 200ml/100L of byray solution. When trating does inforctation of Silvergarce, use of byray solution. When	
	Erodium, Perennial phalaris, Plantain, Sorrel, Sub clover, Yorkshire fog	1.5L – 2.0 L	11001, Hardi No 10) and a spray volume of 70 L/Ha or more is recommended to improve plant spray coverage. TANK MIXTURES: For improved control of Dock, Sorrel and Sub clover add	
		Dock, Flatweed	2.0 L dicamba. Read a withholding per tank mix produc Sulphate, 2kg/1/ environmental c PASTURE OR trash. Trash ma commence one « perennial weeds Sowing may pro one day after tr See also Crop E AERIAL (OR SI removed by graz application of f undertaken as re	dicamba. Read and follow all label directions, restraints, plant back periods, withholding periods, regional use restrictions and safety directions for the tank mix products. See Tank Mixtures for directions. Addition of Ammonium Sulphate, 2kg/100L, may improve control when treating under adverse environmental conditions. PASTURE OR CROP ESTABLISHMENT: DO NOT sow into excessive trash. Trash may be removed by grazing after treatment. Grazing may commence one day after treatment of annual weeds (small) and 7 days for perennial weeds. Delay grazing for 3 days where annual weeds are large. Sowing may proceed when excessive trash is removed, but not sooner than one day after treatment of annual weeds and 7 days for perennial weeds. See also Crop Establishment AERIAL (OR SURFACE) SEEDING: Delay seeding until trash is completely removed by grazing and/or plant decay. When establishing pasture, ensure application of fertilizer and insecticides and follow-up management is undertaken as required.
	Tas only	All the above weeds	1.2L – 2.4 L	TASMANIA: Use 1.2L/ha on annual weeds. Increase to 2.4L/ha where perennial weeds are being treated. To control White clover and improve control of Sorrel and Dock, add 1L/ha of dicamba 200g/L. Observe dicamba label directions and plant back periods.

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CROP / SITUATION	STATE	WEEDS CONTROLLED	RATE Vol/ha	CRITICAL COMMENTS
SOUTHERN AUSTRALIA	NSW, VIC, SA,	Barley grass, volunteer cereals, Wild oats	800mL – 1.2 L	Treat actively growing weeds not under stress from low moisture, frost, cold, disease or waterlogging. If heavy grazing has occurred allow
To commence a fallow	WA only	Annual ryegrass, Brome grass, Capeweed, Paterson's curse (rosette), Saffron thistle, Scotch thistle, Silvergrass, Spear thistle, Wild mustard, Wild radish, Wild turnip	1.2L - 1.6 L	regrowth to 6-8 cm before spraying and use the higher rate. RATE SELECTION: Use the lower rate on young weeds, or where cultivation is to follow within 21 days, increasing to the higher rate where grasses reach full tillering or where broadleaf weeds reach stem elongation/budding. ANNUAL RYEGRASS, SILVERGRASS AND PERENNIAL GRASSES: Add a non-ionic wetting agent. 200ml/100L of sprav solution. When
		Hoary cress, Soursob	1.2 L	treating dense infestations of Silvergrass, use of low volume nozzles
		Couch	1.2L – 2.4 L	(eg. SS 11001, Hardi No 10) and a spray volume of 70 L/Ha or mor recommended to improve plant spray coverage. HOARY CRESS: Treat from late rosette to early flowering SOURSOB: Treat at tuber exhaustion COUCH: Use the higher rate on dense infestations. Apply sequer treatments during summer and autumn, with autumn being m effective. Repeat applications will be required for full control. improved control use in conjunction with cultivation. TANK MIXTURES: Read and follow all label directions, restraints, pl back periods, withholding periods, regional use restrictions and sai directions for the tank mix products. See Tank Mixtures for directions
	Tas only	All the above weeds	1.2L – 2.4 L	TASMANIA: Use 1.2L/ha on annual weeds. Increase to 2.4L/ha where perennial weeds are being treated. To control White clover and improve control of Sorrel and Dock, add 1L/ha of dicamba 200g/L. Observe dicamba label directions and plant back periods.
PASTURE TOPPING WA, SA, For annual grass, Capeweed and Calomba daisy seed-set reduction WA, SA, NSW only	Barley grass, Brome grass, Capeweed, Silvergrass	240mL – 360mL	Remove stock prior to treatment to allow even regrowth. Apply to Capeweed and Annual ryegrass at FLOWERING. For other grasses apply from HEAD to MILKY DOUGH stage. Use the higher rate for dense	
	oniy	Annual ryegrass, Calomba daisy	360mL	intestations or where Annual ryegrass is present. Apply before signs of plants "haying off". Reduction in pasture legume population may occur as a result DO NOT apply to clover or medic crops intended for seed or hay.

CROP / SITUATION	STATE	WEEDS CONTROLLED	RATE Vol/ha	CRITICAL COMMENTS	
SEED- HEAD SUPPRESSION OF PERENNIAL GRASSES	VIC, TAS, NSW, WA, SA, only	Bent grass	300mL – 500mL	TIMING: Treat from late October to late November. Apply before seedheads have emerged. Use the higher rate where growth is excessive and renovation is intended the following autumn. FOLLOW-UP MANAGEMENT: Graze hard after spraying	
BENT GRASS INFESTED PASTURE For control/suppression prior to establishing crops or improved pasture species	VIC, TAS only	Most annual weeds and Bent grass	2.0 L	TIMING: Apply to actively growing plants in late spring when they have some seed-head development, but before summer moisture stress. Remove stock to ensure there is full leaf growth. FOLLOW-UP MANAGEMENT: Full disturbance with a tyned implement should follow 10-21 days after spraying. Then follow with a summer crop, and/or reseeded pasture or crop the following autumn.	
PASTURE MANIPULATION NSW, VIC, WA For suppression or control only	Carpet grass, Kikuyu, Paspalum	1.1L – 4.8 L	RATE SELECTION: For suppression apply the low rate. Where comple control is required apply up to the high rate BAND SPRAYING: Band spraying may be done immediately af		
of pasture species prior to drilling, improved pasture,	QLD only	Carpet grass, Paspalum	1.1L – 4.8 L	the sowing operation. Mount the nozzles behind the coulter/tyne/press wheel assembly of the band seeder. Adjust to spray 0.5 to 1.0m strips.	
forage species, soybeans		Kikuyu	500mL – 4.8 L	Ensure minimal disturbance of the pasture. Excessive dust created in	
or Leucaena BAND SPRAYING: May also be applied as a band or strip spray		Barbed wire grass, Black speargrass, Love grasses, Red Natal grass, Wire grasses	2.0 L	drilled at the appropriate depth and covered by soil. LEUCAENA (QLD ONLY): Apply 2L/ha through a single taper fan nozzle LF1-80 mounted at the rear of the single row planter providing a 1m swath. Planting rows to be 4m apart.	
POA TUSSOCK INFESTED PASTURE For reduction of ground cover allowing pasture renovation	NSW, Tas, VIC, QLD only	Most annual weeds and suppression of Poa tussock	2.4L – 3.2 L	TIMING: Graze heavily, then remove stock at least 14 days before spraying to allow fresh regrowth. Apply to actively growing plants after the autumn break but before heavy frosts (March – May) APPLICATION: Increasing to the higher rate may give more effective reductions. If aerial spraying see Aerial Equipment section under General Instructions. FOLLOW-UP MANAGEMENT: Sowing may start from 14 days after spraying. It is essential that correct follow-up pasture establishment and management occurs after treatment. Spot treatment will limit re- infestations.	

CROP / SITUATION	STATE	WEEDS CONTROLLED	RATE Vol/ha	CRITICAL COMMENTS
NORTHERN AUSTRALIA In fallows or prior to	RTHERN AUSTRALIA QLD, Annua Barley fallows or prior to only Wild o wing a crop Barnya Colum Liversa Willet, Volunt	Annual phalaris (Canary grass), Barley grass, volunteer cereals, Wild oats	400mL - 800mL	Treat actively growing weeds not under stress from low moisture, frost, cold, disease or waterlogging. If heavy grazing has occurred allow regrowth to 6-8 cm. NOTE that under summer (hot)
sowing a crop		Barnyard grass, Button grass, Columbus grass (seedling), Liverseed grass, Native Millet, Stinkgrass (Lovegrass), Volunteer Sorghum	800mL –1.6 L	conditions, dense infestations of Barnyard grass and Liverseed grass may require follow-up treatment for complete control. In winter (cold) conditions, symptoms on Deadnettle may be slow to develop. RATE SELECTION: Use the lower rate on young weeds, increase to the higher rate where grasses reach full tillering or
		Australian bluebell (QLD only), Cudweed, Fumitory, Mexican poppy, New Zealand spinach, Saffron thistle, Spear thistle, Spurge, Stinking goosefoot	800mL - 1.2 L	where broadleaf weeds reach stem elongation/budding. At more advanced stages of growth certain broadleaf weeds require a higher rate range or the addition of 2,4-D Ester. CROP ESTABLISHMENT: Sowing should not proceed until conditions allow for a formation of a satisfactory seedbed. See
		Black (giant) pigweed, Boggabri weed, Caltrop (Yellowvine), Indian hedge mustard, Mintweed, Summer grass	400 – 800mL up to 5 true leaves or 3cm diameter/ height 800mL – 1.2 L greater than 3cm diameter/height	TANK MIXTURES: Read and follow all label directions, restraints, plant back periods, withholding periods, regional use restrictions and safety directions for the tank mix products. DO NOT tank mix with atrazine when spraying Barnyard grass or
	African turnip weed, Deadnettle, Sweet summer grass, Variegated thistle, Volunteer Sunflower	600mL – 800mL up to 5 true leaves or 3cm diameter/ height 800mL – 1.6 L greater than 3cm diameter/height	Liverseed grass. AERIAL APPLICATION: For instructions on Aerial application under hot conditions, see Aerial Application section under General Instructions. DO NOT apply by aircraft when temperature is above 30°C	
	Annual ground cherry (Gooseberry), Bladder Ketmia, Camel melon, False caster oil plant/Thornapple, Noogoora burr, Turnip weed, Wild lettuce, Wild turnip, Wireweed		800mL – 1.2 L prior to stem elongation/ budding. After that use 400mL – 1.2 L plus 500mL – 700mL 2,4-D Ester (800g/L) OR 1.2L – 1.6L of this product alone	

CROP / SITUATION	STATE	WEEDS CONTROLLED	RATE Vol/ha	CRITICAL COMMENTS
NORTHERN AUSTRALIA In fallows or prior to sowing a crop	QLD, NSW only	Pigweed	800mL - 1.6 L up to 20cm diameter	Use a higher rate on larger weeds. Control of Pigweed over a wide range of growth stages can be obtained with the addition of metsulfuron methyl. Observe recropping intervals.
		Sowthistle/ Milkthistle	600mL – 800mL rosette up to 3cm diameter 800mL – 1.6 L greater than 3cm diameter	Previously grazed plants may be difficult to control without allowing full recovery
		Couch	1.2L – 2.4 L	Use the higher rate for dense infestations. Apply sequential treatments during summer and autumn, with autumn being most effective. Repeat applications may be required for full control. For improved control use in conjunction with cultivation
		Johnson grass	1.5L – 2.4 L	Use the higher rates on plants approaching seedhead stage. Apply to plants with a minimum of 30 cm new growth. Sequential treatments will be required for long term control.
		Nutgrass	2.4L + 2.4 L	Make first application to actively growing plants when at least 20% have reached the head stage (normally about February). After allowing maximum re-emergence to occur (normally in 6-8 weeks), it is essential to make a second application. NOTE: Follow-up treatments should be made as part of a Nutgrass control program.
Fallow/Preplant knockdown weed control prior to sowing the following winter cereals - Wheat	All States	Annual ground cherry (Gooseberry), Bladder Ketmia, Camel Melon, Sowthistle (Milk Thistle), Turnip Weed, Wild Lettuce, Wild Turnip plus those	600 – 800mL rosette up to 3cm diameter (Sowthistle only) plus 5 or 7g/ha Metsulfuron Methyl.	WHEAT: DO NOT apply less than 10 days prior to sowing as crop injury may occur, particularly under dry, cold conditions. Apply when weeds are actively growing and in accordance with the recommendations provided on the respective product labels. Use the appropriate rate of each product for the target weed
Fallow/Preplant knockdown weed control prior to sowing the following winter cereals - Barley, Cereal Rye or Triticale		ant controlled by Metsulfuron A Methyl Metsulfuron A Methyl A Meth	Atter that use 400mL – 1.2 L/ha plus 500mL – 700mL Ester 800. OR 1.2L/ha of this product alone: plus 5g or 7g/ha Metsulfuron Methyl	spectrum. BARLEY, CEREAL RYE OR TRITICALE: DO NOT apply less than 6 weeks prior to sowing as crop injury may occur, particularly under dry, cold conditions. Apply when weeds are actively growing and in accordance with the recommendations provided on the respective product labels. Use the appropriate rate of each product for the target weed spectrum.

CROP / SITUATION	STATE	WEEDS CONTROLLED	RATE Vol/ha	CRITICAL COMMENTS
SORGHUM CONTROL Pre-harvest	QLD, NSW only	Sorghum, Grain Sorghum DO NOT apply to varieties intended for seed production or varieties prone to lodging	1.2L or 1.6 L	DO NOT apply if crop is under stress from low moisture, frost, cold or waterlogging. RATE SELECTION: Use the lower rate for control of crop and late tillers and suppression of ratoon regrowth. Use the higher rate for improved suppression of ratoon regrowth. TIMING: Apply when grain moisture is less than 25%. Application can be made when moderate browning has occurred. CAUTION: Treatment may increase potential for CROP LODGING, particularly if prior moisture stress has occurred. Harvest as soon as sufficient dry down has occurred to avoid possible lodging CAUTION: Sorghum may be naturally toxic to stock.
SORGHUM CONTROL Post-harvest	QLD, NSW only	Sorghum stubble, Grain sorghum	800mL – 1.2 L for fresh regrowth from slashed stubble. 1.2L – 1.6 L for standing stubble if sufficiently green and for fresh spring regrowth	APPLY UNDER GOOD GROWING CONDITIONS ONLY. DO NOT apply if plants are under stress from low moisture, frost, cold or waterlogging. SLASHED STUBBLE AND SPRING REGROWTH: Apply when fresh regrowth is at least 20 cm high. STANDING STUBBLE: Apply only if sufficient green leaf is present. If grazing has occurred allow regrowth to 20 cm high before treatment. RATE SELECTION: Use the lower rate for knockdown and regrowth suppression where cultivation is to follow. Increase to the higher rate for improved regrowth control. NOTE: Variable results occur where the crop has been subject to stress or the growing conditions are marginal. CAUTION: Sorghum may be naturally toxic to stock
SUGAR CANE Ratoon spray out	QLD, NSW only	Sugar Cane ratoon regrowth	3.2L - 7.2 L	APPLY UNDER GOOD GROWING CONDITIONS ONLY to actively growing rations $60 - 120$ cm tall. DO NOT apply if plants are under stress from low moisture, frost, cold or waterlogging. Use the lower rate for suppression or where cultivation is to follow. Use the higher rate for control.

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CROP / SITUATION	STATE	WEEDS CONTROLLED	RATE Vol/ha	CRITICAL COMMENTS
RICE Direct drilling	NSW only	Annual phalaris (Canary grass), Annual ryegrass, Barley grass, Burr medic, Sub-clover, Winter grass	800mL – 1.0 L	This product is less effective on drought stressed plants. In drought conditions a pre-watering prior to spraying is recommended. In grazed situations, if heavy grazing has occurred allow regrowth to 6-8 cm before spraying. ANNUAL RYEGRASS: Add non-ionic wetting agent at 200ml/100L spray solution and when dominant use the higher rate. SOWING: Direct drilling may take place 1 – 14 days after spraying. This product does not provide residual weed control. Permanent water and approved selective herbicides should be used to provide continual control of weeds.
Winter Pasture Prior to Sowing with Rice	NSW, ACT only	Clovers, Paterson's Curse, Curled Dock and Narrow Leaf Dock	800mL – 1.6 L/ha plus 5 g/ha of Metsulfuron Methyl	Apply as a tank mix prior to sowing rice by drill or by air. Apply to actively growing weeds.
COTTON PRE-HARVEST Do not use on crops intended for seed production	QLD, NSW only	Bathurst burr, Noogoora burr, Winter annual weeds including Sowthistle/ Milkthistle	1.0L– 2.0 L	Use the lower rate on light infestations of small weeds, where the crop canopy allows adequate spray coverage of the weeds. Increase to the higher rate when the crop canopy may limit spray coverage, when treating dense infestations, or when treating larger weeds. Apply alone or in tank mixtures with Dropp or Harvade. Apply when at least 60% of bolls are open and immature bolls cannot be easily cut with a sharp knife. Where a leafy canopy limits spray coverage, reduced weed control can be expected. For better results under these conditions, delay application until canopy re-opens following initial conditioning treatment.
		Nutgrass (seasonal suppression only)	2.0 L	Where control of Nutgrass or Noogoora burr is required, treatment should be applied prior to the onset of frosts. When tank mixed with defoliants, a slightly higher proportion of cotton leaf may be retained, particularly where the higher rate is used. Read and follow all label directions for tank mix products.

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CROP / SITUATION	STATE	WEEDS CONTROLLED	RATE Vol/ha	CRITICAL COMMENTS
COTTON Shielded Sprayers	QLD, NSW only	Refer to weeds controlled section Northern Australia in fallows or prior to sowing a crop		Apply this product to weeds growing between crop rows using a shielded sprayer. Do not apply in crops less than 20 cm high. Do not allow spray or spray drift to contact any part of the cotton plants as severe injury or destruction may result.
GENERAL USES Dry drains and channels, dry margins of dams, lakes and streams	All States	For Weeds Controlled refer to list of species under ANNUAL WEED CONTROL and PERENNIAL WEED CONTROL in this leaflet.	For Application rates refer to rates shown under ANNUAL WEED CONTROL and PERENNIAL WEED CONTROL in this leaflet.	DO NOT apply to weeds growing in or over water. DO NOT spray across open bodies or water and DO NOT allow spray to enter water. DO NOT allow water to return to dry channels and drains within 4 days of application.
Forestry				 USE SITUATIONS INCLUDE: PRIOR TO NURSERY ESTABLISHMENT SITE PREPARATION PRIOR TO PLANTING IN ESTABLISHED TREE AREAS using shielded or directed sprays or selective wiper equipment. DO NOT allow spray or spray drift to come into contact with foliage or green bark of desirable trees as severe damage may occur. DO NOT allow wiper surface to come into contact with ANY PART of the tree.
Rights of way, domestic and public service areas, commercial and industrial areas and around buildings.				This product does not provide residual control.

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

WITHHOLDING PERIOD: not required when used as directed GENERAL INSTRUCTIONS

Product Description

Conquest KnockOUT 450 Herbicide is a non-selective herbicide that will kill most emerged weeds and plants. It provides no residual weed control and may therefore be used before sowing any crop, but not prior to transplanting tomato seedlings.

If required, Conquest KnockOUT 450 Herbicide can be mixed with certain other herbicides to achieve both knockdown and residual weed control (see Tank Mixtures). Conquest KnockOUT 450 Herbicide is absorbed by foliage and green stems and moves into the root system. Weeds should be actively growing when treated. Do not treat weeds under poor growing or dormant conditions (such as occur in drought, waterlogging, disease, insect damage or following frosts), as reduced weed control may result. Reduced results may also occur when treating weeds heavily covered with dust or silt. Prior herbicide application may also induce stress in weeds. For annual weeds, it may be 3 to 7 days before the effects of the treatment become apparent: for perennials. It may be as much as 2 to 3 weeks or more if cool and cloudy.

Conquest KnockOUT 450 Herbicide is a non-volatile liquid that mixes readily with water. Just mix with the required volume of water, add a non-ionic wetting agent, and spray. Rain occurring up to 6 hours after application may reduce effectiveness. Heavy rainfall within 2 hours of application may wash the chemical off the foliage and a repeat treatment may be required. Delay treatment of plants wet with dew or rain, if water droplets runoff when plants are disturbed.

Avoid contact with foliage, green stems or fruit of crops, desirable plants and trees, as severe injury or destruction may result.

Conquest KnockOUT 450 Herbicide is compatible with certain herbicides, insecticides and additives (see Compatibility). The active constituent of Conquest KnockOUT 450 Herbicide is 450 g/L glyphosate present as the isopropylamine salt.

A withholding period for stock is not required, however, it is recommended that grazing of treated plants be delayed for one day after treatment of annual weeds, or 7 days if perennial weeds are present to ensure absorption of Conquest KnockOUT 450 Herbicide.

Certain plants (eg. Soursob, variegated thistle) may be naturally toxic to stock. When known toxic plants are present, do not allow stock to graze until complete browning of treated plants has occurred.

Resistant Weed Warning

GROUP HERBICIDE

Conquest KnockOUT CT Herbicide is a member of the Glycines group of herbicides. Conquest KnockOUT 450 Herbicide has the inhibition of EPSP Syntheses mode of action. For weed resistance management Conquest KnockOUT 450 Herbicide is a group M Herbicide. Some naturally-occurring weed biotypes resistant to Conquest KnockOUT 450 Herbicide and other inhibitions of EPSP Syntheses mode of action herbicides may exist through normal genetic variability in any week population. These resistant weeds will not be controlled by Conquest KnockOUT 450 Herbicide or other inhibitions of EPSP Synthase herbicides.

Since the occurrence of resistant weeds is difficult to detect prior to use, Conquest Agrochemicals Pty Ltd accepts no liability for any losses that may result from the failure of Conquest KnockOUT 450 Herbicide to control resistant weeds.

Crop Establishment

This product is recommended for control of emerged weeds prior to crop establishment. Suitable cultivation and/or sowing operations are required to produce the most satisfactory seedbed for crop germination and development, proceed as follows:

- Spray Conquest KnockOUT 450 Herbicide early when the weeds are young.
- If weeds are few and the soil is friable, you can start seeding as early as one day after spraying.
- If the weed density is high, you should delay sowing until the dead weeds are sufficiently decayed, to ensure that crop emergence is not delayed as a result of dead
 green or decaying weeds being incorporated by cultivation or sowing. This is particularly important in cold or wet weather. Grazing will help to reduce the weed density,
 and you can assist weed decay by cultivation to leave trash on the surface.
- If seedbed conditions are marginal, be careful to seed at the correct depth. Do not use pre-emergent herbicides if their labels indicate that they may delay crop emergence.

MIXING

NOTE: Reduced results may occur if water containing soil is used, eg. water from ponds and unlined ditches; or if hard water containing calcium salts is used. Conquest KnockOUT 450 Herbicide is a non-volatile liquid that mixes readily with water. DO NOT mix or store or apply this product in galvanised steel, unlined steel containers or spray tanks, since a highly flammable gas mixture may be formed. So use only spray tanks and equipment made of plastic or plastic lined, fibreglass, rubber, aluminium, brass, copper, or stainless steel.

- 1. Make sure the spray tank is completely free of previous spray residues.
- 2. Half fill the spray tank with clean water. Where possible avoid using turbid water, or hard water containing calcium salts, as this may reduce weed control.
- 3. If Conquest KnockOUT 450 Herbicide is being used alone, go to step 5.
- 4. If Conquest KnockOUT 450 Herbicide is being used with insecticides, other herbicides or additives (see Tank Mixtures), add these products now according to their label directions. If ammonium sulphate is required, add it first using 2 Kg/100L of spray volume. Use only crystalline ammonium sulphate, not the prilled or granulated forms, and wash it into the tank through a mesh screen. If the quality is in doubt, add 40g to two litres of water and swirl for two minutes. If insoluble particles remain, pre-dissolve the ammonium sulphate in water and add it to the spray tank through a screen.
- Add the required volume of Conquest KnockOUT 450 Herbicide, and mix well. Mechanical agitators may cause excessive foaming and should not be used unless required by any tank mix partners.
- 6. Add the rest of the water. Near the end, add a non-ionic wetting agent, see below. Make sure the filling hose is submerged to avoid excessive foaming, and on completion remove it immediately to avoid back siphoning into the water supply. Use the tank mix promptly, and certainly within 5 days since a gradual loss of activity will occur.

Spray tanks, pumps, lines and nozzles should be thoroughly rinsed with clean water following application to prevent corrosion.

Surfactant Addition

The use of a non-ionic surfactant may improve weed control where water rates are high or product rates low. Use the following amounts of non-ionic wetting agent per 100 L of spray mix:

- 200 mL of Conquest Wetter1000
- 300 mL of Agral Spray Activator Wetting and Spreading Agent,
- 400 mL Plus 50
- 550 mL X-77
- 650 mL Monsoon

Do not add any other agricultural chemicals, spraying oils or other materials except as directed on the label.

APPLICATION

Conquest KnockOUT 450 Herbicide is a non-selective translocated herbicide. Direct spray contact or even slight drift may cause severe injury or destruction of any growing crop or other desirable plants including trees. Thoroughly flush your mixing and spray equipment with clean water after use.

Ground Application

- Apply 25-100 L of spray mix per hectare.
- Where possible use fan nozzle equipment with pressures of 240-280 kPa.
- Set the boom high enough to ensure double overlap of nozzle patterns at the top of the weed canopy.

Aerial Application

- Use aerial spraying only in pasture or fallow before establishing new pasture, field crops or fodder crops, or for pre-harvest application to Sorghum. Do not apply Conquest KnockOUT 450 Herbicide by air within intensive cropping areas as the consequences of accidental drift damage are too extreme.
- Do not exceed 3.2 L of Conquest KnockOUT 450 Herbicide per hectare.
- Use at least 15 L/ha with Micronair or boom equipment.
- On cool days apply at least 15 L of spray mix per hectare using an average droplet size (or VMD) of 250-350 microns and a swath 15-17 metres wide.
- On hilly terrain, increase the water volume to 30-80 L/ha and the minimum average droplet size to 300 micron.
- At 25°C increase the water volume to at least 30 L/ha and the minimum average droplet size to 300 micron to compensate for evaporation. Do not spray by air at
 temperatures above 35°C as excessive evaporation may occur that will reduce weed control.
- Drift is likely when droplet size is 150 microns or less, when wind speed is near zero or over 8 Km/hr, the air is hot and dry, or there is a temperature inversion. Do not
 spray under these conditions.
- After each day of spraying, thoroughly wash the aircraft and landing gear with clean water to remove herbicide residues.

Wiper Equipment

For equipment such as Ropewick applicators etc detailed information should be obtained from the manufacturers. As a general guide 800mL of product should be mixed with 2 Litres of water. Weeds should ideally be 15cm above the crop or pasture. One pass in each direction commonly referred to as a "double pass" will maximise effectiveness. The lower the vehicle speed the better the result. Certainly no faster than 8km/hr is recommended.

DRIFT WARNING

DO NOT use when breeze is blowing towards nearby desirable 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.

TANK MIXTURES — COMPATIBILITY

Conquest KnockOUT 450 Herbicide may be tank-mixed with the following. Read and follow all label directions, restraints, plant-back periods, withholding periods, regional use restrictions and safety directions for the tank mix product:

Herbicides: 2,4-D Ester, Avadex BW, dicamba, metsulfuron methyl, chlorsulfuron, Conquest Encore 240, atrazine flowable or granular (Do not apply the tank mix for control of Barnyard grass or Liverseed grass) plus ammonium sulphate, simazine flowable or granular plus ammonium sulphate. Insecticides: Dimethoate, Imidan, Le-Mat*, Lorsban* 500, Perfekthion* EC 400. Additives: Ammonium Sulphate, Non Ionic Wetting Agents as specified.

Tank Mixtures — How to Choose

Use the following list of suggestions to determine the appropriate tank mixtures. Adhere to manufacturers' instructions in all cases.

- To improve knockdown and give residual weed control
 - Atrazine (flowable only) can be added. Use with ammonium sulphate (crystalline only) to overcome antagonism. Do not spray by air. This mixture does not control barnyard grass.
 - in fallow or in crop. Chlorsulfuron can be added.
 - prior to sowing lupins. Simazine (flowable only) can be added. Use with ammonium sulphate (crystalline only) to overcome antagonism.
 - To improve and accelerate knockdown symptoms prior to planting wheat or barley. Add 75 mL of Conquest Encore 240 per hectare.
- To improve control of certain broadleaved weeds. Add 2,4-D Ester. Observe any regional restrictions on use.
- To improve control of Sorrel, Subterranean Clover, Medics, and White Clover. Add dicamba. Observe any regional restrictions on use.
- To improve control of Annual Ryegrass, Silver grass, and perennial grasses. Add 200 mL of Wetting agent per 100 L of spray mix. Use only if
 recommended.
- To compensate for adverse growing conditions such as cool or cloudy weather. Control of annual weeds by Conquest KnockOUT 450 Herbicide alone
 may possibly be improved by adding 2 Kg of crystalline ammonium sulphate per 100 L of spray mix.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

Avoid contact with foliage, green stems or fruit of crops, desirable plants and trees, as severe injury or destruction may result.

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.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Do not contaminate dams, rivers or streams with the product or used container. Do not apply to weeds growing in or over water. Do not spray across open bodies of water.

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 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, and or puncture and bury empty containers in a local authority landfill. If no landfill is available bury the containers below 500mm 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.

For refillable containers: Empty containers fully into application equipment. Close all valves and return to point of supply for refill or storage.

SAFETY DIRECTIONS

Product will irritate the eyes and skin. Avoid contact with eyes and skin. When preparing product for use wear elbow length PVC gloves and face shield or goggles. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each days use, wash gloves, face shield or goggles and contaminated clothing. When using controlled droplet applicator wear protective waterproof clothing and impervious footwear.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre (Tel: 13 11 26).

MATERIAL SAFETY DATA SHEET

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

CONDITIONS OF SALE

Conquest Agrochemicals Pty. Ltd. shall not be liable for any loss, injury, damage or death whether consequential or otherwise, whatsoever or whosoever arising whether through negligence or otherwise, in connection with the sale, supply, use or application of this product. The supply of this product is on the express condition that the purchaser does not rely on Conquest skill of judgement in the purchasing or using the same and every person using this product does so at his own risk absolutely. No representative of Conquest has the authority to add or alter these conditions.

Lorsban 500, is a registered trade mark of Dow Elanco. Avadex 8W, is a registered trade mark of Monsanto Co. USA. Le-Mat, Folithion 1000, Gusathion A, Dimethoate & Metasystox are registered trade marks of Bayer Germany. Imidian 150, is a registered trade mark of Stauffer Chemical Co. USA.

* Registered Products.

CONQUEST Agrochemicals

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APVMA Approval No: Application Number: File Name: Product Name: Pack Size: **Dimensions:** Print Size:

43969 62787_43969_Booklet_MPL_V3.pdf **Conquest Knockout 450 Herbicide** Booklet 170mm x 120mm A4 - 100%

