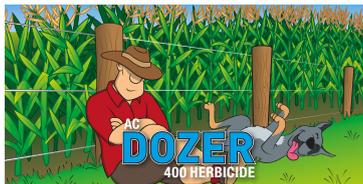


FREE
HERE

CAUTION

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



ACTIVE CONSTITUENT: 400 g/L FLUROXYPYR present as the METHYL HEPTYL ESTER
SOLVENT: 300 g/L LIQUID HYDROCARBON
100 g/L N-METHYL PYRROLIDONE

GROUP | **HERBICIDE**

For the control of a wide range of broadleaf Weeds in Fallow, Lucerne, Maize, Millets, Pastures, Poppies, Sorghum, Sugar cane, Sweet corn, Winter Cereals. Also for the control of Woody Weeds in Agricultural Non-Crop areas, Commercial and Industrial Areas, Forests, Pastures and Rights-of-way, as specified in the Directions for Use.

IMPORTANT: READ THIS LEAFLET BEFORE USING THIS PRODUCT

STORAGE AND DISPOSAL

Store in 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 tank. Do not dispose of chemicals on land. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush, or puncture and deliver empty packaging for appropriate disposal to an approved waste management facility. If an approved waste management facility is not available bury the empty packaging 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.

Refillable Containers (60L, 200L, 500L, 1000L): Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

110L Mini Bulk Returnable Container: Do not tamper with the Micro Matic valve or the security seal. DO NOT contaminate the Envirodrum with water or any foreign matter. After each use of the product, please ensure that the Micro Matic coupler, delivery system and hoses are disconnected, triple rinsed with clean water and drained accordingly. When the contents of the Envirodrum have been used, please return the empty container to the point of purchase. This drum remains the property of Axichem Pty Limited.

SMALL SPILL MANAGEMENT

Wear protective equipment (See **SAFETY DIRECTIONS**). Apply absorbent material such as earth, sand, clay granules or cat litter to the spill. Sweep up material for disposal when absorption is completed and contain in a refuse vessel for disposal (see **STORAGE AND DISPOSAL** section). If necessary wash the spill area with an alkali detergent and water and absorb the wash liquid for disposal.

SAFETY DIRECTIONS

Avoid contact with eyes and skin. When opening the container, preparing the spray and using the prepared spray, wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow length PVC gloves, face shield or goggles. Wash hands after use. After each day's use, wash gloves, face shield or goggles and contaminated clothing.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia: 13 1126). If swallowed, do not induce vomiting. If in eyes wash out immediately with water.

SAFETY DATA SHEET

Additional information is listed on the Safety Data Sheet which is available from the supplier.

LIMIT OF WARRANTY AND LIABILITY

Axichem Pty Ltd warrants that this material conforms to the chemical description on the label. As the use of product sold is beyond the control of Axichem Pty Ltd, no responsibility whatsoever for any consequences is accepted in respect of this product, save those non-excludable conditions implied by any State and Federal legislation or law of a Territory. Not for repacking or reformulations. No licence under any non-Australian patent is granted or implied by purchase of this container.

APVMA Approval Number: 69268/122037

Batch No:

Date of Manufacture:

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**DIRECTIONS FOR USE
RESTRAINTS**

DO NOT apply to plants which may be stressed (not actively growing) due to prolonged periods of extreme cold, moisture stress (water-logged or drought affected) poor nutrition, presence of disease, or previous herbicide treatment as reduced levels of control may result. Thorough coverage of both foliage and stems, to the point of runoff, is essential for high volume applications (see **GENERAL INSTRUCTIONS**; application methods **WOODY WEED SITUATIONS** section).

DO NOT spray if rain is likely to occur within one hour.

**Table 1:
Woody Weeds in Agricultural Non-Crop Areas and Rights-of-Way, Commercial and Industrial Areas,
Forests and Pastures.**

- Legumes present at the time of spraying will be severely damaged.

HIGH VOLUME APPLICATION: Dilute product with water.				
See General Instructions – Application Method for application details				
WEEDS CONTROLLED	WEED GROWTH STAGE	STATE	RATE mL/ 100 L WATER	CRITICAL COMMENTS
Bathurst burr, Noogoora burr	Seedlings and young plants up to 40 cm high	NSW, NT, Qld, WA only	38	
Black bindweed (Climbing buckwheat)	Seedlings and young plants before flowering	NSW, Qld only	150	
<i>Mimosa pigra</i>	Apply from mid to late summer	NT, WA only	250	Add Uptake* Spraying Oil (see General Instructions ; Oils and surfactants).
Common sensitive plant	Seedlings and young plants up to flowering	Qld, WA only		
Bellyache bush		Qld, NSW, WA only		
Blackberry nightshade, Bokhara clover		NSW, Qld only		
Caltrop (yellow vine) (<i>Tribulus terrestris</i>) (<i>T. micrococcus</i>)		Seedlings and young plants up to 30 cm diameter		
Cobblers pegs		Up to 15 cm high		
Cockspur thorn		Up to 3 m high		
Creeping lantana		At flowering		
Crofton weed, Mistflower		Seedlings and young plants up to flowering		

HIGH VOLUME APPLICATION: Dilute product with water.
See General Instructions – Application Method for application details

WEEDS CONTROLLED	WEED GROWTH STAGE	STATE	RATE mL/ 100 L WATER	CRITICAL COMMENTS	
Docks (<i>Rumex</i> spp.)	Seedlings and rosettes up to 30 cm high	NSW, Qld only	250	Boom spray: AC Dozer 400 Herbicide at 0.3 L/ha + 400mL of 2,4-D amine 625	
Hexham scent	Seedlings and young plants up to flowering				
Honey locust	Seedlings and young plants up to 2 m high				
Small flowered mallow (<i>Marshmallow</i>) (<i>Malva parviflora</i>)	Seedlings and young plants up to flowering				
Yellow flower, Devil's claw	Seedlings and young plants up to flowering			500	Apply to actively growing plants from October to April. Some regrowth may occur particularly when treating old woody plants with sparse canopies.
Lantana	Seedlings and regrowth 0.5 to 1.2 m high				
	Plants and regrowth 1.2 to 2 m high				
Blue heliotrope	Flowering				
Limebush	Infestations up to 1.5 m high only	250			
Madeira vine	Apply at time of active growth				
Milkweed (<i>Euphorbia heterophylla</i>)	3 leaf to flowering	Qld only	500	Repeat applications will be necessary to control subsequent germinations.	
Common sowthistle	Seedlings and young plants up to bolting	NSW, Qld only	250	Add AC Axiwetta 1000 (see GENERAL INSTRUCTIONS ; Oils and surfactants).	
Mother-of-millions (<i>Kalanchoe</i> spp.)	Seedling and young plants before flowering		300		

Table 1:
Woody Weeds in Agricultural Non-Crop Areas and Rights-of-Way, Commercial and Industrial Areas, Forests and Pastures continued.

HIGH VOLUME APPLICATION: Dilute product with water. See General Instructions – Application Method for application details				
WEEDS CONTROLLED	WEED GROWTH STAGE	STATE	RATE mL/ 100 L WATER	CRITICAL COMMENTS
Prickly acacia	Seedling and young plants up to 2 m high	Qld only	375	Add Uptake* Spraying Oil (see GENERAL INSTRUCTIONS; Oils and surfactants). Consult Tropical Weeds Research Centre, Charters Towers, for specific advice on application
<i>Sida</i> spp.	Seedling and young plants up to flowering	NSW, NT, Qld, WA only	500	
Broadleaf Pepper tree (<i>Schinus terebinthifolius</i>)	Mature leaves, fruiting	Qld only	250	Winter application only. Contact Alan Fletcher Research Station for more information.
Flannel weed (<i>Sida cordifolia</i>)				
Snakeweed (Dark and light blue)	Seedling and young plants before flowering		375	Add Uptake* Spraying Oil (see GENERAL INSTRUCTIONS; Oils and surfactants).
Stinking Passion Flower	Established plants and regrowth	Qld, NT, WA only	225	Use 70mL/15 L for a knapsack
Wandering jew (<i>Tradescantia albiflora</i>)	Young plants up to and including flowering	All States	750	Some regrowth will usually occur and will require retreatment.
Wattles (including <i>Acacia aulacocarpa</i> , <i>A. decora</i> , <i>A. harpophylla</i> , <i>A. leiocalyx</i> , <i>A. salicina</i>)	Seeding plants or regrowth 0.5 to 1.2 m high	NSW, Qld only	250	Apply to actively growing plants when soil moisture is plentiful. Some regrowth may occur particularly when treating old woody plants with sparse canopies and under dry conditions.
	Plants or regrowth 1.2 to 2.0 m high only		500	

Table 1:
Woody Weeds in Agricultural Non-Crop Areas and Rights-of-Way, Commercial and Industrial Areas, Forests and Pastures continued.

BASAL BARK AND CUT STUMP APPLICATION: Dilute product with diesel. See General Instructions – Application Method for application details				
WEEDS CONTROLLED	WEED GROWTH STAGE	STATE	RATE L/ 100 L DIESEL	CRITICAL COMMENTS
<i>Celtis (Celtis sinensis)</i>	Basal Bark only: Young plants up to 2 m high and 20 cm basal diameter	Qld only	1.8	Treat stems from ground level to where multi-stemmed trunks branch.
Chinee apple	Up to 15 cm basal diameter	Qld only	1.5	With basal bark, treat circumference of stem to a height of 45cm from the ground. Contact the Land Protection Branch, Department of Natural Resources and Mines, Qld, for further information on Chinee Apple.
Cockspur thorn	Basal Bark only: Up to 5 cm basal diameter		1	
Mimosa bush (<i>Acacia farnesiana</i>)	Up to 5 cm basal diameter		Qld, WA only	
Prickly acacia	Up to 10 cm basal diameter	Qld only	750	With basal bark, treat circumference of stem to a height of 45cm from the ground. For cut stump application use a rate of 5L/100L diesel for all plant sizes. Contact the Land Protection Branch, Department of Natural Resources and Mines, Qld, for further information on Honey Locust.
Honey locust	Plants up to 10 cm basal diameter	Qld, NSW only	1.5	
	Plants 10 to 20 cm basal diameter			
	Plants >20cm basal diameter			
Sisal hemp (<i>Agave</i> spp.)	All growth stages	Qld only	1.5	Treat as an overall spray. Contact The Land Protection Branch, Department of Natural Resources and Mines, Qld for advice to control large infestations.
			5 mL undiluted product per plant	Lever out centre of plant with crowbar and immediately treat the exposed cut area.

**BROADCAST AND AERIAL APPLICATION: Dilute product with water.
See General Instructions – Application Method for application details**

WEEDS CONTROLLED	WEED GROWTH STAGE	STATE	RATE L/Ha	CRITICAL COMMENTS
<i>Mimosa pigra</i>	Actively growing plants	NT, WA only	1.5	Aerial application: Add Uptake Spraying Oil at the rate of 1 L/100 L spray mix. Apply to actively growing plants from mid to late summer. Contact the Department of Primary Industries and Fisheries, NT for further information.

**LOW VOLUME, HIGH CONCENTRATE APPLICATION: Use a drench gun or gas-powered gun.
See General Instructions – Application Method for application details**

WEEDS CONTROLLED	WEED GROWTH STAGE	STATE	RATE mL/10 L WATER	CRITICAL COMMENTS
Limebush	Isolated bushes up to 1.2 m high only	NSW, Qld only	500	Apply a 50 mL dose per 5m ² of bush surface area.
Tree violet (<i>Hymenanthera dentata</i>)	Apply from late flowering to green fruit up to 1.2 m high	NSW only		

Table 2: Established Grass Pastures

WEEDS CONTROLLED	WEED GROWTH STAGE	STATE	RATE L/ Ha	CRITICAL COMMENTS
Blue billygoat weed, Common sensitive plant, Giant sensitive plant, Spinyhead sida	Apply before flowering	Qld, WA only	0.75	Add Uptake Spraying Oil at 1 L/ha
St John's Wort	Apply from bud to full bloom (usually late Nov to early Jan)	ACT, NSW and Vic only	1.5	Some regrowth will occur. Treat regrowth the following season for best results. Use at least 200 L water/ha.
Silverleaf nightshade	From onset of flowering to early berry-set (usually spring to mid-summer)	NSW only	375mL or 190mL + 1.2-1.6L 2,4-D amine 625	Add Uptake Spraying Oil at 1 L/ha. To ensure maximum effect, delay application until the majority of shoots have emerged. Follow-up treatment of regrowth is critical for best control.

Table 3: Sorghum, Maize, Millets and Sweet corn (NSW & Qld only)

CROP	CROP GROWTH STAGE	WEEDS CONTROLLED	WEED GROWTH STAGE	RATE mL/Ha	CRITICAL COMMENTS
Sorghum	Apply when secondary roots are present, from 4 fully expanded leaves (15 cm tall) up to boot (also see CRITICAL COMMENTS)	Annual ground Cherry, Wild gooseberry (<i>Physalis</i> spp.)	2 to 8 leaf Up to 15 cm tall	250	Sorghum: From 8 leaf to boot stage. Use dropper nozzles to prevent herbicide coming in contact with the crop's leaves and the growing point (meristem). Maize and sweet corn: From 6 leaf to just before tasselling, use dropper nozzles to prevent the herbicides coming in contact with the crop's leaves and the growing point (meristem). Millets: DO NOT use mixes with atrazine.
			15 to 30 cm tall	375	
		Apple-of-Peru	Seedling plants up to 15 cm tall		
			Bathurst burr, Noogoora burr	2 to 8 leaf Up to 20 cm tall	
Maize & Sweet corn	Apply when secondary roots are present, from 3 fully expanded leaves (10 cm tall) up to just before tasselling (see CRITICAL COMMENTS)	Pigweed (<i>Portulaca oleracea</i>)	20 to 50 cm tall	375	* This treatment may be slightly damaging to the crop. To minimise crop damage apply using dropper nozzles at all crop stages.
			Up to 10 cm diameter	250	
		Sesbania pea	10 to 30 cm diameter	375	
			2 to 6 leaf Up to 10 cm tall	750	
Millets	Spray when secondary roots have developed, usually early to mid- tillering, and not later than before heads start to form at the base of tillers. (See CRITICAL COMMENTS)	Silverleaf nightshade (NSW only) *	Full flower to early berry	375 + LI 700 at 300 mL/100 L	
		Starburr (<i>Acnthospermum hispidum</i>) (Qld only)	Up to 12 leaf and before flowering	750 or 375 + 1.6L atrazine (600 g/L)	
		Thornapples (<i>Datura</i> spp.)	2 to 8 leaf Up to 15 cm tall.	375	
		Volunteer Sunflower	2 to 5 leaf Up to 20 cm tall.	500	

Table 3: Sorghum, Maize, Millets and Sweet corn (NSW & Qld only) continued

AC Dozer 400 Herbicide in tank-mixes with atrazine: Sorghum, Maize and Sweet corn.					
CROP	CROP GROWTH STAGE	WEEDS CONTROLLED	WEED GROWTH STAGE	RATE /Ha	CRITICAL COMMENTS
Sorghum Maize & Sweet corn	Spray when secondary roots have developed, usually early to mid- tillering and not later than before heads start to form at the base of the tillers (See CRITICAL COMMENTS)	<p><i>Amaranthus</i> spp. Including: Boggabri weed, Dwarf amaranth, Green amaranth and Redshank</p> <p>Anoda weed, Bladder ketmia, Black pigweed (<i>Trianthema portulacastrum</i>), Caltrope (yellow vine) including <i>Tribulus terrestris</i>, <i>T. microccus</i> and <i>T. maximus</i></p> <p>Cowvine (peach vine) (<i>Ipomoea lonchophylla</i>), Hairy wandering jew (<i>Commelina benghalensis</i>), Mintweed</p>	Seedling plants up to 15 cm tall or rosettes up to 15 cm diameter	250mL + 1.2L of atrazine flowable (600 g/L) or 375mL + 1.6L of atrazine flowable (600 g/L)	<p>Use the low rate (250mL + 1.2 L) when weeds are small (5-7 cm tall/ diameter).</p> <p>Use the high rate (375mL + 1.6 L) when the weeds are larger (7 - 15 cm tall/ diameter).</p> <p>AC Dozer 400 Herbicide is generally more compatible with Liquid atrazine products (see GENERAL INSTRUCTIONS; compatibility section).</p> <p>Add a surfactant (See GENERAL INSTRUCTIONS; Oils and surfactants).</p> <p>DO NOT add an oil to mixtures of AC Dozer 400 Herbicide and atrazine.</p>
		<i>Euphorbia davidii</i>	Cotyledons to 4 nodes up to 15 cm	500mL + 1.6L of atrazine flowable (600 g/L)	
		Volunteer peanuts	Up to 15 cm diameter	500mL + 3.7L of atrazine flowable (600 g/L)	
Sweet corn: Tasmania only					
CROP	CROP GROWTH STAGE	WEEDS CONTROLLED	WEED GROWTH STAGE	RATE L/Ha	CRITICAL COMMENTS
Sweet corn only	3 to 5 leaf	Blackberry nightshade, Volunteer potatoes	3 to 5 leaf	500mL	

Table 4: Winter Cereals (Wheat, Barley, Oats and Triticale)

CROP GROWTH STAGE	WEEDS CONTROLLED	WEED GROWTH STAGE	STATE	RATE mL/Ha	CRITICAL COMMENTS
Apply from 3 leaf to flag (Zadoks 13 to 39)	Bedstraw (<i>Galium tricornutum</i>)	1 to 3 whorl	Vic, SA, WA	500	(1) Add either LI 700 or Activator surfactant (see GENERAL INSTRUCTIONS: Oils and surfactants).
	Cleavers (<i>Galium aparine</i>)		NSW, Vic only		
	Black bindweed (Climbing buckwheat)	2 to 4 leaf	NSW, Qld only	250 ⁽¹⁾	Useful suppression only.
		2 to 6 leaf			
	Common sowthistle (<i>Sonchus oleraceus</i>)	2 to 5 leaf	NSW, SA, Qld, WA only	375 or 250 + 5 g Metsulfuron methyl ⁽¹⁾	Mixtures: Mixing partners with AC Dozer 400 Herbicide may reduce crop selectivity. Apply at crop growth stages according to the mixing partner's recommendation.
	Deadnettle	2 to 6 leaf		500	
	Spiny emex (Doublegee, Three cornered jack)	2 to 4 leaf		750 or 250 + 5 g Metsulfuron methyl ⁽¹⁾	
	Prickly lettuce	2 to 5 leaf	NSW, Qld, Tas, Vic, WA only	500	Plants 15 to 30 cm tall will only be suppressed.
	Volunteer lupins	2 to 8 leaf	NSW, Vic, WA only	750	
	Volunteer potato	10 to 15 cm tall	WA and Tas only		
Wireweed	2 to 3 leaf	NSW, Qld, SA, Tas, Vic, WA only			
		NSW and Qld only	250 + 5 g Metsulfuron methyl ⁽¹⁾		

Table 4: Winter Cereals (Wheat, Barley, Oats and Triticale) continued

CROP GROWTH STAGE	WEEDS CONTROLLED	WEED GROWTH STAGE	STATE	RATE mL/Ha	CRITICAL COMMENTS
Apply from 3 leaf to flag (Zadoks 13 to 39)	Bittercress (<i>Coronopus didymus</i>), Mustards, Shepherd's purse, Turnip weed, Wild radish, Wild turnip	Up to 8 leaf and up to 15 cm diameter	Qld, NSW, Vic, SA, Tas, WA only	250 to 750 + Metsulfuron methyl ⁽¹⁾ or Eclipse ⁽¹⁾ or MCPA LVE (500g/L) or MCPA amine (750g/L)	The AC Dozer 400 Herbicide rate depends on what other weeds are present as listed above. See Mixtures comment above. Metsulfuron methyl (600g/kg) @ 5 g/ha (this mix does not control wild radish). Eclipse @ 5-7 g/ha (use the 5 g rate on turnip weed only). MCPA LVE (500 g/L) @ 700 mL/ha. MCPA Amine (750 g/L) @ 1.0 L/ha.

Table 5: Summer Fallow

WEEDS CONTROLLED	WEED GROWTH STAGE	STATE	RATE mL/Ha	CRITICAL COMMENTS
Annual ground cherry, Wild gooseberry (<i>Physalis</i> spp.)	2 to 8 leaf, up to 15 cm tall	NSW, Qld only	375 ⁽²⁾	⁽¹⁾ Add Uptake* Spraying Oil (see GENERAL INSTRUCTIONS ; Oils and surfactants). When mixing with Glyphosate to control both grass and broadleaf weeds, refer to the Glyphosate label for use rates and adjuvants recommended for the grasses (see GENERAL INSTRUCTIONS ; compatibility section).
Bathurst burr, Noogoora burr	2 to 8 leaf, up to 20 cm tall	NSW, Qld, Vic, WA only		
Bellvine	Pre-flowering	NSW, Qld only	250 + 1.2L Glyphosate 450	
Bladder ketmia	4 to 8 leaf, up to 10 cm tall			
Cowvine (Peach vine) <i>Ipomoea lonchophylla</i>	2 to 10 leaf up to 10 cm diameter			
Calatrop (yellow vine), including <i>Tribulus terrestris</i> , <i>T. maximus</i> and <i>T. microccus</i>	Up to 15 cm diameter		250 + 1L Glyphosate 450	
Pigweed (<i>Portulaca oleracea</i>)	Up to 10 cm diameter		375 ⁽¹⁾	
	Up to 60 cm diameter		375 + 1L Glyphosate 450	

WEEDS CONTROLLED	WEED GROWTH STAGE	STATE	RATE mL/Ha	CRITICAL COMMENTS
<i>Polymeria pusilla</i>	2 to 10 leaf up to 20 cm diameter	NSW, Qld only	500 ⁽¹⁾ or 250 + 1.2L Glyphosate 450	<p><i>Continued.</i></p> <p>⁽²⁾ Delay treatment until the maximum number of shoots have emerged, but before the onset of fruiting (late summer). DO NOT treat plants showing symptoms from previous treatment. Use the high rate when longer-term weed control (6-10 months) is required and delay planting crops during this period. The low rate will require follow-up treatments.</p>
Rhynchosia	Seedlings to early flowering		500 ⁽¹⁾ or 190 + 800mL Glyphosate 450	
Smallflower mallow or Marshmallow (<i>Malva parviflora</i>)	Up to 8 leaf up to 20 cm diameter		500 ⁽¹⁾	
Thornapples (<i>Datura</i> spp.)	2 to 8 leaf up to 15 cm diameter	NSW, Qld, WA only	375 ⁽¹⁾ or 250 + 1.2L Glyphosate 450	
Sesbania pea	2 to 6 leaf up to 10 cm tall		750 ⁽¹⁾ or 250 + 1.2L Glyphosate 450	
Perennial Ground Cherry (<i>Physalis virginiana</i> (w))	Bud to early flowering up to 20 cm tall	NSW Qld only	750 or 1.5L ⁽¹⁾	
Silverleaf nightshade	Full flower to early berry-set (usually Dec – Feb)	NSW only	375 or 190 + 1.2L – 1.6L 2,4-D amine 625	Add LI 700 at the rate of 300 mL/100 L spray mixture. To ensure maximum effect, delay application until the majority of shoots have emerged. Follow-up treatment will be required to control regrowth and is critical for optimum control. If wanting to prevent seed set repeat applications may be needed in the same season, although this does not lead to better long-term control.
Volunteer peanuts	Up to 15 cm diameter	Qld only	500 + 3.7L atrazine flowable (600 g/L)	Add AC Axiwetta 1000 (see General Instructions ; Oils and surfactants). Important: see GENERAL INSTRUCTIONS ; compatibility section).
Volunteer sunflowers	2 to 5 leaf up to 20 cm	NSW, Qld only	500mL	Add LI 700 Spraying Oil (see General Instructions ; Oils and surfactants section).

Table 6: Winter Fallow

WEEDS CONTROLLED	WEED GROWTH STAGE	STATE	RATE mL/Ha	CRITICAL COMMENTS
Bedstraw (<i>Galium tricornutum</i>)	Up to 5 whorl	Vic, SA, WA only	500 ⁽¹⁾	(1) Add LI 700 Oil (see GENERAL INSTRUCTIONS ; Oils and surfactants section).
Cleavers (<i>Galium aparine</i>)		NSW, Vic only		
Black bindweed (Climbing buckwheat)	2 to 8 leaf up to 10 cm diameter		375 ⁽¹⁾	(2) Add AC Axiwetta 1000 (see GENERAL INSTRUCTIONS ; Oils and surfactants section). When mixing with Glyphosate 450 to control both grass and broadleaf weeds, refer to the Glyphosate 450 label for use rates and adjuvants recommended for the grasses (see GENERAL INSTRUCTIONS ; Compatibility Section).
Common sowthistle (<i>Sonchus oleraceus</i>)	2 to 5 leaf up to 10 cm diameter		500 ⁽¹⁾ or 250 + 600mL Glyphosate 450	
Prickly lettuce	2 to 8 leaf		750 ⁽¹⁾ or 250 ⁽²⁾ + 5 g Metsulfuron methyl (600g/kg)	
Spiny emex (Doublegee, Three cornered jack)				
Wireweed			2 to 3 leaf up to 10 cm tall	

Table 7: Sugar cane (Qld, NSW, NT and WA only)

CROP STAGE GROWTH	WEEDS CONTROLLED	WEED GROWTH STAGE	RATE mL/ha	CRITICAL COMMENTS
From early tillering to maturity	Balsum pear, Blackberry nightshade, Blue billygoat weed, Centro, Cowpea, Giant sensitive plant, Lablab bean, Noogoora burr, Phasey bean, Pinkburr, Prickly African Cucumber, Spinyhead sida, Stinking passion flower (seedlings only)	Apply from 2 to 3 leaf until flowering	Ground: 650 Aerial: 750	For optimal weed control, delay application until just before the "close-in" stage. Aerial application: Apply in not less than 60 L/ha water and add LI 700 at 300 mL/ 100L spray mixture. Ground application: Apply in 100 – 400 L/ha water and add LI 700 at 300 mL/100L of spray mixture
	Bellvine, Morning glory, Red or pink convolvulus, Star-of-Bethlehem		As above + 800mL 2,4-D amine 625	
	Stinking passion flower	Established or ratoon plants with at least 1.0 m of regrowth	High volume: 225 mL/100 L water Knapsack 35 mL/15 L water	Thoroughly wet plants to the point of run-off.
	Milkweed (<i>Euphorbia heterophylla</i>)	Seedlings and young plants up to flowering.	1.5L or 1.15L + 3.3L atazine flowable (600 g/L)	Better control will be achieved with the atrazine mixture. Delay application until just before the cane reaches the "close-in" stage. This will improve control and minimise the number of seedlings that germinate.

Table 8: Lucerne (NSW only)

CROP STAGE GROWTH	WEEDS CONTROLLED	WEED GROWTH STAGE	RATE mL/ ha	CRITICAL COMMENTS
Established crops at least eighteen months old	Annual ground cherry, Bathurst burr, Noogoora burr, Wild gooseberry	2 to 8 leaf up to 15 cm high	250	<p>To minimise crop injury and to maximise weed control, cut, slash or heavily graze the lucerne before application. Wherever possible, irrigate before application to stimulate weed growth.</p> <p>DO NOT treat crops growing on sandy or stony soils.</p> <p>DO NOT treat crops after the summer growing season (after end of March). To broaden the spectrum of weeds controlled, AC Dozer 400 Herbicide can be mixed with 2,4-DB Amine.</p>
	Pigweed	Up to 10 cm diameter		

Table 9: Poppies (Tas only)

CROP STAGE GROWTH	WEEDS CONTROLLED	WEED GROWTH STAGE	RATE mL/ Ha	CRITICAL COMMENTS
4 to 6 leaf	Cleavers, Fumitory	2 to 6 leaf	500	<p>DO NOT apply AC Dozer 400 Herbicide to poppies later than the 8 to 10 leaf growth stage as a reduction of alkaloid content could occur.</p> <p>This rate will provide season long control of volunteer potato, but will not control all daughter tubers and will only suppress potatoes over 15 cm tall.</p>
	Shepherd's purse, Wireweed		500 + 5L Asulox	
8 to 10 leaf	Common sowthistle, Prickly lettuce	2 to 5 leaf	500	
	Black nightshade	Cotyledon to 4 leaf.	750	
	Fumitory	6 to 10 leaf		
	Volunteer potato	From tuber initiation to flower bud.		

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

WITHOLDING PERIODS

GRAZING

CROPS AND PASTURES: DO NOT GRAZE FAILED CROPS AND TREATED PASTURES OR CUT FOR STOCK FOOD FOR 7 DAYS AFTER APPLICATION.

HARVEST

POPPIES: DO NOT SPRAY POPPIES LATER THAN 10 WEEKS BEFORE HARVEST.

OTHER CROPS: NOT REQUIRED WHEN USED AS DIRECTED.

GENERAL INSTRUCTIONS

MIXING

AC Dozer 400 Herbicide may be mixed with water or diesel. Mix only sufficient chemical for each day's use and avoid storing.

Mixing in Water: Half fill the spray tank with water and add the required quantity of AC Dozer 400 Herbicide and complete filling. Agitate continuously to ensure thorough mixing before and during application.

Mixing in Diesel: Half fill the tank with diesel and add the required quantity of AC Dozer 400 Herbicide. Add the remainder of the diesel and agitate or shake to mix contents.

Tank mixtures: Wettable powder or dry flowable formulations (e.g. water dispersible granules) should be added to the spray tank first, followed by suspension concentrates (flowables), water soluble salts and then emulsifiable concentrate formulations (AC Dozer 400 Herbicide). Add spraying oils and surfactants (wettters) last.

OILS AND SURFACTANTS

Oils Use only Uptake Spraying Oil at the rate of 500 mL/100 L of spray mix. When using less than 100 L/ha spray volume, ensure a minimum of 250 mL/ha of Uptake is used, unless 1 L/100 L or 1 L/ha is specified.

Surfactants (wettters)

LI 700 to be used at 300mL/100L.

Use a 100% concentrate non-ionic surfactant such as AC Axiwetter 1000 at 100 mL/100 L of spray mix where required.

COMPATIBILITY

AC Dozer 400 Herbicide is compatible with the herbicides listed. Follow any regional restrictions, and all directions and restrictions on the label, of any product mixed with AC Dozer 400 Herbicide.

Atrazine (see below), Glyphosate 360, Metsulfuron methyl (600g/kg), Glyphosate 450, Broadstrike, cloquintocet-mexyl/clodinafop-propargyl (see below), Eclipse, Tordon 75-D, Diclofop methyl, Clopyralid, Tordon 242, Tricopyr (600 g/L), Touchdown, Lontrel, 2,4-D, MCPA, 2,4-DB.

ATRAZINE

AVOID USING HARD WATER WHEREVER POSSIBLE.

Where hard water cannot be avoided, the addition of CALGON water conditioning agent to the spray tank, at 100 g/100 L water, before adding any herbicide may improve compatibility.

AGITATION IS VERY IMPORTANT WHEN MIXING AC DOZER 400 HERBICIDE AND ATRAZINE.

AC Dozer 400 Herbicide plus atrazine tank mixes must be agitated vigorously and continuously during mixing and application. After mixing DO NOT allow to stand without agitation. Ensure that the time from mixing to the end of application is not more than 2 hours. If settling out occurs re-suspension is difficult, even with vigorous

agitation. Agitation using only the pump's by-pass is usually inadequate, particularly with larger tanks (more than 2000 L). Additional mechanical agitation will be necessary in large tanks, computer sprayers and mixing tanks. When additional surfactant is required, add a 100% concentrate non-ionic surfactant at 100 mL/100 L of spray mix. DO NOT use a spraying oil when tank mixing AC Dozer 400 Herbicide and atrazine.

GUIDELINES FOR TANK-MIXING AC DOZER 400 HERBICIDE AND ATRAZINE FORMULATIONS

TANK MIX	RATE (/HA)	WATER HARDNESS		MINIMUM WATER VOLUME (L/HA)		CRITICAL COMMENTS
		Soft	Hard (1026ppm ca)	Ground	Aerial	
AC Dozer 400 Herbicide + AC Axis 900 WG Herbicide	375mL + 1.1L	✓	✓	100	Do not use	Sediment may be difficult to resuspend and may block nozzles.
AC Dozer 400 Herbicide + Atrazine (600g/L)	375mL + 1.7L	✓	✓	100	Do not use	

CLOQUINTOCET-MEXYL/CLODINAFOP-PROPARGYL

Always use Uptake Spraying Oil with AC Dozer 400 Herbicide + cloquintocet-mexyl/clodinafop-propargyl (eg AC Tussel Selective Herbicide) tank-mixes at 500 mL/100 L of spray mix with a minimum of 250 mL/ha. DO NOT mix AC Dozer 400 Herbicide with cloquintocet-mexyl/clodinafop-propargyl if the grass weeds are not actively growing. Always use the maximum label rate of Topik 240 EC for the appropriate grass growth stage. DO NOT use AC Dozer 400 Herbicide at more than 0.75 L/ha in tank mixes with cloquintocet-mexyl/clodinafop-propargyl.

GLYPHOSATE 450

When mixing AC Dozer 400 Herbicide with Glyphosate 450 to control both grass and broadleaf weeds, refer to that label for use rates and adjuvants recommended for the grasses. DO NOT use Glyphosate 450 at less than 1.2 L/ha in tank mixes with AC Dozer 400 Herbicide, when barnyard grass, buttongrass, crowsfoot grass, native millet and liverseed grass are the target species.

APPLICATION METHODS and WATER RATES

BROADCAST APPLICATION IN CROPPING, PASTURE AND FALLOW SITUATIONS

A. Ground application (Boom)

Apply AC Dozer 400 Herbicide with an accurately calibrated boom sprayer, in at least 50 L/ha water (100-400 L/ha for sugar cane). Flat fan nozzles are recommended using pressures in the range 200 to 300kPa. Set the boom at a height to ensure a double overlap of the nozzle patterns.

B. Ground directed application (Dropper nozzles)

To minimise crop effects, dropper nozzles should be used in sorghum when the crop is beyond the 8 leaf growth stage and in maize and sweet corn when the crop is beyond the 6 leaf growth stage. Adjust the nozzles to direct the spray into the base of the crop and away from the leaves and the growing point. See manufacturers directions for setting up and calibration of dropper nozzles.

C. Aerial application

Apply in a minimum volume of at least 35 L/ha water (60 L/ha in sugarcane).

Use equipment calibrated to produce droplets with an average diameter (Volume Mean Diameter; VMD) of 250 – 350 microns. DO NOT apply when the temperature is above 30°C, when there is no wind or when the wind is blowing toward susceptible crops. DO NOT use human flaggers unless they are protected by engineering controls such as enclosed cabs.

WOODY WEED SITUATIONS

Weeds must be actively growing to attain optimal effect. Delay the treatment of regrowth following bulldozing, slashing, burning, ploughing or a previous chemical treatment until it has at least 1 metre of new, vigorous, growth.

A. High Volume Application

Hand Gun

Apply the recommended mix to obtain full coverage of leaves and stems using a number 6 – 8 tip at 700 to 1500 kPa. To obtain good coverage, a spray volume of 1500 to 4000 L/ha (15 to 40 L/100m²) is required per infested hectare. Ensure thorough coverage to the point of runoff.

Knapsack

Knapsack sprayers may be used on smaller infestations where penetration and coverage of the canopy is easier to achieve. Use the same use rate and spray techniques as for handgun application.

B. Low Volume, High Concentrate Application

Drench Gun or Gas-Powered Gun

Apply the recommended mixture uniformly across the foliage by applying 50mL shots to cover 4 to 5 m² of surface area of plant. This is approximately equivalent to 20 droplets per cm² of the leaf surface. Use a marking agent as recommended by the equipment manufacturer to check spray coverage.

C. Basal Bark and Cut Stump Application

Basal Bark

DO NOT apply to wet stems as this can repel the diesel mixture. Spray or paint the recommended mixture around the base of each stem from ground level to a height of at least 30 cm from the ground, wetting the bark to the point of runoff. Apply with a paint brush or a pressure sprayer with an appropriate lance and solid cone nozzle. If using spray equipment use low pressures (≤ 200 kPa) sufficient to form a cone of spray. Old rough bark will require more spray than smooth or young thin bark.

Cut Stump

Apply the recommended mixture liberally to the freshly cut stump immediately after cutting.

Apply by spraying or painting the cut surface and sides of the stump.

Best results are obtained when the stems are cut less than 15 cm above the ground.

CLEANING SPRAY EQUIPMENT

Rinse water should be discharged onto a designated disposal area or, if this is unavailable, onto wasteland away from desirable plants and water courses.

Cleaning equipment after using water-based sprays:

Rinsing: After using AC Dozer 400 Herbicide, empty the tank completely and drain the whole system.

Thoroughly wash inside the spray unit using a pressure hose. Drain and clean any filters in the tank, pump, lines, hoses and nozzles.

After cleaning the tank as above, quarter fill the clean water and circulate through the pump, lines and nozzles. Drain and repeat the rinsing procedure twice.

Decontamination (before spraying cotton and other sensitive crops; see PROTECTION OF CROPS): Wash the tank and rinse the system as above. Then quarter fill the tank and add an alkali detergent (e.g. liquid SURF, OMO, DRIVE) at 500 mL/100L of water or the powder equivalent at 500 g/100 L and circulate throughout the system for at least fifteen minutes. Drain the whole system. Remove filters and nozzles and clean them separately. Finally flush the system with clean water and allow to drain.

Cleaning equipment after using diesel – based sprays:

On completion of spraying, use a degreaser such as Caltex Kwik-D-Grease to remove traces of diesel from the sprayer. Rinse tank and spray through nozzles with water to remove degreaser. Then, quarter fill the tank and add an alkali detergent (e.g. liquid SURF, OMO, DRIVE) at 50 mL/10L of water or the powder equivalent at 50 g/10 L. Shake sprayer to circulate the washing solution throughout the sprayer, then spray the solution through the nozzles. Rinse well with clean water to remove the detergent. To clean brushes and containers, spray liberally with degreaser. Hose off with clean water and repeat using detergents as above. DO NOT use this equipment for any other purpose.

MINIMUM RECROPPING PERIODS

PLANT-BACK PERIODS FOR CROPS FOLLOWING THE APPLICATION OF AC DOZER 400 HERBICIDE FOR RATES UP TO 750 mL/HA			
RATE mL/HA	190	375	750
CROP	DAYS		
Barley, Wheat, Chickpea, Sunflower, Maize, Sorghum	7	7	7
Soybean	7	7	14
Cotton	14	14	28

NOTE: Before using AC Dozer 400 Herbicide 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 most residual product, i.e. the product with the longest plant-back period.

RESISTANT WEEDS WARNING

GROUP	HERBICIDE
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AC Dozer 400 Herbicide is a member of the pyridine group of herbicides. The product has the disrupters of plant cell growth mode of action. For weed resistance management, the product is a Group I Herbicide. Some naturally-occurring weed biotypes resistant to the product and other Group I herbicides may exist through normal genetic variability in any weed population. The resistant individual can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds will not be controlled by this product or other Group I herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Axichem Pty Ltd accepts no liability for any losses that may result from the failure of this product to control resistant weeds. Strategies to minimize the risk of herbicide resistance are available. Contact your farm chemical supplier, consultant, local Department of Agriculture, or Axichem Pty Limited.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

Susceptible crops include but are not limited to clovers, cotton, fruit, hops, lupins, ornamentals, peas, pine tree, potatoes, navy beans, safflower, shade trees, soybeans, sunflower, tobacco, tomatoes, vegetables and vines. AC Dozer 400 Herbicide can be damaging to susceptible crops during both growing and dormant periods. Grasses are normally unaffected by AC Dozer 400 Herbicide and establish quickly after treatment. Transitory damage can occur on some species particularly those that spread by stolons such as couch grass (*Cynodon dactylon*), Kikuyu grass and carpet grass (*Axonopus* sp.) DO NOT allow spray to drift onto susceptible crops, shade trees and *Pinus* spp. DO NOT use under weather conditions or from spraying equipment which could cause spray to drift onto nearby susceptible plants.

PROTECTION OF LIVESTOCK

DO NOT graze or cut treated crops or plants for food except as specified under withholding periods. Poisonous plants may become more palatable after spraying. DO NOT allow stock to re-enter paddocks containing treated poisonous plants, until the plants have died down.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT contaminate streams, rivers or waterways with the chemical or used containers. Alongside waterways, treat only noxious weeds and poisonous plants.

STORAGE AND DISPOSAL

Store in 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 tank. Do not dispose of chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush, or puncture and deliver empty packaging for appropriate disposal to an approved waste management facility. If an approved waste management facility is not available bury the empty packaging 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.

Refillable Containers (60L, 200L, 500L, 1000L)

Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

110L Mini Bulk Returnable Container

Do not tamper with the Micro Matic valve or the security seal. DO NOT contaminate the Envirodrum with water or any foreign matter. After each use of the product, please ensure that the Micro Matic coupler, delivery system and hoses are disconnected, triple rinsed with clean water and drained accordingly. When the contents of the Envirodrum have been used, please return the empty container to the point of purchase. This drum remains the property of Axichem Pty Limited.

SMALL SPILL MANAGEMENT

Wear protective equipment (See **SAFETY DIRECTIONS**). Apply absorbent material such as earth, sand, clay granules or cat litter to the spill. Sweep up material for disposal when absorption is completed and contain in a refuse vessel for disposal (see **STORAGE AND DISPOSAL** section). If necessary wash the spill area with an alkali detergent and water and absorb the wash liquid for disposal as above.

SAFETY DIRECTIONS

Avoid contact with eyes and skin. When opening the container, preparing the spray and using the prepared spray, wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow length PVC gloves, face shield or goggles. Wash hands after use. After each day's use, wash gloves, face shield or goggles and contaminated clothing.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia: 13 1126). If swallowed, do not induce vomiting. If in eyes wash out immediately with water.

SAFETY DATA SHEET

Additional information is listed on the Safety Data Sheet which is available from the supplier.

LABEL ELEMENTS

Hazard pictogram(s)	
Signal word	Danger
Hazard Statement(s)	
H227	Combustible liquid
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H410	Very toxic to aquatic life with long lasting effects.
Precautionary statement(s)	Prevention
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P271	Use only outdoor or in a well-ventilated area.
P280	Wear protective gloves, protective clothing, eye protection and face protection.
P261	Avoid breathing mist/vapours/spray.
P273	Avoid release to the environment.

P264	Wash all exposed external body areas thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace

Precautionary statement(s) Response

P301+P310	IF SWALLOWED: Immediately call a POISON CENTRE/doctor/physician/first aider.
P331	Do NOT induce vomiting.
P370+P378	In case of fire: Use alcohol resistant foam or normal protein foam for extinguish.
P302+P352	IF ON SKIN: Wash with plenty of water.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312	Call a POISON CENTRE/doctor/physician/first aider/if you feel unwell.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P391	Collect spillage.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Precautionary statement(s) Storage

H317	May cause an allergic skin reaction.
P403+P235	Store in a well-ventilated place. Keep container tightly closed.

Precautionary statement(s) Disposal

P501	Dispose of contents/container to authorised hazardous or special waste collection point in accordance with any local regulation.
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LIMIT OF WARRANTY AND LIABILITY

Axichem Pty Ltd warrants that this material conforms to the chemical description on the label. As the use of product sold is beyond the control of Axichem Pty Ltd, no responsibility whatsoever for any consequences is accepted in respect of this product, save those non-excludable conditions implied by any State and Federal legislation or law of a Territory. Not for repacking or reformulations. No licence under any non-Australian patent is granted or implied by purchase of this container.

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