

Floxor 400

HERBICIDE

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.

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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	Add Uptake* Spraying Oil (see General Instructions ; Oils and surfactants). Boom spray: FLOXOR 400 at 0.3 L/ha + 0.4 L/ha of 2,4-D amine (625 g/L)
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	
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			
Docks (<i>Rumex</i> spp.)	Seedlings and rosettes up to 30 cm high			
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			
Yellowflower Devil's claw	Seedlings and young plants up to flowering			
Lantana	Seedlings and regrowth 0.5 to 1.2 m high Plants and regrowth 1.2 to 2 m high	NSW, Qld only	250 500	
Blue heliotrope	Flowering			
Limebush	Infestations up to 1.5 m high only			
Madeira vine	Apply at time of active growth		250	
Milkweed (<i>Euphorbia heterophylla</i>)	3 leaf to flowering	Qld only	500	
Common sowthistle	Seedlings and young plants up to bolting	NSW, Qld only	250	
Mother-of-millions (<i>Kalanchoe</i> spp.)	Seedling and young plants before flowering		300	
Prickly acacia	Seedling and young plants up to 2 m high	Qld only	375	
<i>Sida</i> spp.	Seedling and young plants up to flowering	NSW, NT, Qld, WA	500	
Broadleaf Pepper tree (<i>Schinus terebinthifolius</i>)	Mature leaves, fruiting	Qld only	250	
Flannel weed (<i>Sida cordifolia</i>)				
Snakeweed (Dark and light blue)	Seedling and young plants before flowering		375	
Stinking Passion Flower	Established plants and regrowth	Qld, NT, WA	225	
Wandering jew (<i>Tradescantia albiflora</i>)	Young plants up to and including flowering	All States	750	
Wattles (including <i>Acacia aulacocarpa</i> <i>A. decora</i> <i>A. harpophylla</i> <i>A. leicocalyx</i> <i>A. salicina</i>)	Seedling plants or regrowth 0.5 to 1.2 m high Plants or regrowth 1.2 to 2.0 m high only	NSW, Qld only	250 500	

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

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 of DIESEL	CRITICAL COMMENTS
<i>Celtis</i> (<i>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		1.5	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 Lands, 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	1.5	
Prickly acacia	Up to 10 cm basal diameter	Qld only	750mL	
Honey locust	Plants up to 10 cm basal diameter Plants 10 to 20 cm basal diameter Plants >20cm basal diameter	Qld, NSW only	750mL 1.5 2.5	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 Lands, Qld, for further information on Honey Locust.
Sisal hemp (<i>Agave</i> spp.)	All growth stages	Qld only 5 mL undiluted product per plant	1.5	Treat as an overall spray. Contact The Land Protection Branch, Department of Lands, 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 mL/100L water	CRITICAL COMMENTS
<i>Mimosa pigra</i>	Actively growing plants	NT, WA only	1.5L	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/100L water	CRITICAL COMMENTS
Limebush	Isolated bushes up to 1.2 m high only	NSW, Qld only	500mL	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		Apply a 50 mL dose per cubic metre of bush

Table 2: Established Grass Pastures

WEEDS CONTROLLED	WEED GROWTH STAGE	STATE	RATE mL/100L water	CRITICAL COMMENTS
Blue billygoat weed. Common sensitive plant Giant sensitive plant Spinyhead sida	Apply before flowering	Qld, WA only	750mL	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	1.5L	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 g/L)	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 L/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 15 to 30 cm tall	250mL 375mL	Sorghum: From 8 leaf to boot stage, use dropper nozzles to prevent herbicide coming in contact wit the crop's leaves and the growing point (meristem).
		Apple-of-Peru	Seedling plants up to 15 cm tall		
		Bathurst burr Noogoora burr	2 to 8 leaf Up to 20 cm tall	250mL	
		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)	20 to 50 cm tall	
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)	Pigweed (<i>Portulaca oleracea</i>)	Up to 10 cm diameter 10 to 30 cm diameter	250mL 375mL	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. ⁽¹⁾ This treatment may be slightly damaging to the crop. To minimise crop damage apply using dropper nozzles at all crop stages.
		Sesbania pea	2 to 6 leaf Up to 10 cm tall	750mL	
		Silverleaf nightshade (NSW only) ⁽¹⁾	Full flower to early berry	375mL + Uptake at 300mL/100L	
		Starburr (<i>Acanthospermum hispidum</i>) (Qld only)	Up to 12 leaf and before flowering	750mL or 375mL + 1.6 L atrazine (600 g/L)	
		Thornapples (<i>Datura</i> spp.)	2 to 8 leaf Up to 15 cm tall	375mL	
		Volunteer sunflower	2 to 5 leaf Up to 20 cm tall	500mL	

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

FLOXOR 400 in tank-mixes with atrazine: Sorghum, Maize and Sweet corn.						
CROP	CROP GROWTH STAGE	WEEDS CONTROLLED	WEED GROWTH STAGE	RATE L/ha	CRITICAL COMMENTS	
Sorghum Maize & sweetcorn (continued)	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)	<i>Amaranthus</i> spp. including: Boggabri weed, Dwarf amaranth, Green amaranth, Redshank 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> Cowvine (peach vine) (<i>Ipomoea lonchophylla</i>) Hairy wandering jew (<i>Commelina benghalensis</i>) Mintweed	Seedling plants up to 15 cm tall or rosettes up to 15 cm diameter	250mL + 1.2L of atrazine flowable (600g/L) or 675g of Atrazine 900g/kg granules or 375mL + 1.6L of atrazine flowable (600 g/L) or 1.1kg of Atrazine 900g/kg granules	Use the low rate (250mL + 1.2 L) when the weeds are small (5-7 cm tall/ diameter). Use the high rate (375mL + 1.6 L) when the weeds are larger (7 - 15 cm tall/ diameter). FLOXOR 400 is generally more compatible with Liquid atrazine products (see GENERAL INSTRUCTIONS; compatibility section) . Add a surfactant (See GENERAL INSTRUCTIONS ; Oils and surfactants). DO NOT add an oil to mixtures of FLOXOR 400 and atrazine.	
				<i>Euphorbia davidii</i>	Cotyledons to 4 nodes up to 15 cm	500mL + 1.6L atrazine flowable (600 g/L) or 1.1kg of Atrazine 900g/kg granules
				Volunteer peanuts	Up to 15 cm diameter	500mL + 3.7L atrazine flowable (600 g/L) or 2.5kg of Atrazine 900g/kg granules

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 L/ha	CRITICAL COMMENTS
Apply from 3 leaf to flag (Zadoks 13 to 39)	Bedstraw (<i>Galium tricomutum</i>)	1 to 3 whorl	Vic, SA, WA only	500mL	⁽¹⁾ Add either Uptake or a surfactant (see GENERAL INSTRUCTIONS: Oils and surfactants).
	Cleavers (<i>Galium aparine</i>)		NSW, Vic only		
	Black bindweed (<i>Climbing buckwheat</i>)	2 to 4 leaf 2 to 6 leaf	NSW, Qld only	250mL ⁽¹⁾ 375mL or 250mL + 5g Metsulfuron methyl ⁽¹⁾	Useful suppression only. Mixtures: Mixing partners with FLOXOR 400 may reduce crop selectivity. Apply at crop growth stages according to the mixing partner's recommendation.
	Common sowthistle (<i>Sonchus oleraceus</i>)	2 to 5 leaf		500mL	
	Deadnettle Spiny emex (Doublegee, Three cornered jack)	2 to 6 leaf 2 to 4 leaf	NSW, SA, Qld, WA only	750mL or 250mL + 5g Metsulfuron methyl ⁽¹⁾	
	Prickly lettuce	2 to 5 leaf	NSW, Qld, Tas, Vic, WA only	500mL	
	Volunteer lupins	2 to 8 leaf	NSW, Vic, WA only	750mL	
	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	250mL + 5g Metsulfuron methyl ⁽¹⁾	
	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	250mL + 1.5L + Metsulfuron methyl ⁽¹⁾ or Eclipse ⁽¹⁾ or MCPA LVE or MCPA amine	The FLOXOR 400 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 (500 g/L) @ 1.0 L/ha.

