

CAUTION

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



Fluroxypyr 200EC

Herbicide

ACTIVE CONSTITUENT: 200 g/L FLUROXYPYR present as
the METHYLHEPTYL ESTER
SOLVENT: 586 g/L LIQUID HYDROCARBON

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 THE ATTACHED LEAFLET BEFORE USE.

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**Contents: 5L, 20L,
110L, 1000L**

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/100L WATER	CRITICAL COMMENTS
Bathurst burr Noogoora burr	Seedlings and young plants up to 40 cm high	NSW, NT, Qld, WA only	75	Add Uptake [†] Spraying Oil (see General Instructions ; Oils and surfactants). Boom spray: SABAKEM [®] FLUROXYPYR 200EC HERBICIDE at 0.3 L/ha + 0.5 L/ha of 2,4-D amine (500 g/L)
Black bindweed (climbing buckwheat)	Seedlings and young plants before flowering	NSW, Qld only	300	
<i>Mimosa pigra</i>	Apply from mid to late summer	NT, WA only	500	
Common sensitive plant	Seedlings and young plants up to flowering	Qld, WA only		
Bellyache bush	Seedlings and young plants up to 30 cm diameter	Qld, NSW, WA only		
Blackberry nightshade		NSW, Qld only		
Bokhara clover				
Caltrop (yellow vine) (<i>Tribulus terrestris</i>) (<i>T. micrococcus</i>)				
Cobblers pegs	Up to 15 cm high	NSW, Qld only		
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		NSW, Qld only	500
	Plants and regrowth 1.2 to 2 m high	1000		
Blue heliotrope	Flowering	Qld only	1000	
Limebush	Infestations up to 1.5 m high only			
Madeira vine	Apply at time of active growth			
Milkweed (<i>Euphorbia heterophylla</i>)	3 leaf to flowering	Qld only	1000	
Common sowthistle	Seedlings and young plants up to bolting	NSW, Qld only	500	
Mother-of-millions (<i>Kalanchoe</i> spp.)	Seedling and young plants before flowering		600	
Prickly acacia	Seedling and young plants up to 2 m high	Qld only	750	
<i>Sida</i> spp.	Seedling and young plants up to flowering	NSW, NT, Qld, WA	1000	
Broadleaf Pepper tree (<i>Schinus terebinthifolius</i>)	Mature leaves, fruiting	Qld only	500	
Flannel weed (<i>Sida cordifolia</i>)				
Snakeweed (Dark and light blue)	Seedling and young plants before flowering		750	
Stinking Passion Flower	Established plants and regrowth	Qld, NT, WA	450	
Wandering jew (<i>Tradescantia albiflora</i>)	Young plants up to and including flowering	All States	1500	
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	500	
	Plants or regrowth 1.2 to 2.0 m high only		1000	

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

BASAL PARK AND CUT STUMP APPLICATION: Dilute product with diesel. See General Instructions – Application Method for application details				
WEEDS CONTROLLED	WEED GROWTH STAGE	STATE	RATE L/100L of DIESEL	CRITICAL COMMENTS
Celtis (<i>Celtis sinensis</i>)	Basal Bark only: Young plants up to 2 m high and 20 cm basal diameter	Qld only	3.5	Treat stems from ground level to where multi-stemmed trunks branch.
Chinee apple	Up to 15 cm basal diameter		3	With basal bark, treat circumference of stem to a height of 45cm from the ground. 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		2	
Mimosa bush (<i>Acacia farnesiana</i>)	Up to 5 cm basal diameter	Qld, WA only	3	
Prickly acacia	Up to 10 cm basal diameter	Qld only	1.5	
Honey locust	Plants up to 10 cm basal diameter	Qld, NSW only	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/100 diesel for all plant sizes. Contact the Land Protection Branch, Department of Lands, Qld, for further information on Honey Locust.
	Plants 10 to 20 cm basal diameter		3	
	Plants >20cm basal diameter		5	
Sisal hemp (<i>Agave spp.</i>)	All growth stages	Qld only	3	Treat as an overall spray. Contact The Land Protection Branch, Department of Lands, Qld for advice to control large infestations.
			10 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	3L	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 of water	CRITICAL COMMENTS
Limebush	Isolated bushes up to 1.2 m high only	NSW, Qld only	1	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	1.5	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	3	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	0.75 or 0.375 + 1.5 -2 2,4-D amine (500 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	0.5	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).
			15 to 30 cm tall	0.75	
		Apple-of-Peru	Seedling plants up to 15 cm tall		
		Bathurst burr Noogoora burr	2 to 8 leaf Up to 20 cm tall	0.5	
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	0.75	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).
		Pigweed (<i>Portulaca oleracea</i>)	Up to 10 cm diameter	0.5	
			10 to 30 cm diameter	0.75	
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)	Sesbania pea	2 to 6 leaf Up to 10 cm tall	1.5	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 .
		Silverleaf nightshade (NSW only) ⁽¹⁾	Full flower to early berry	0.75 + Uptake at 1 L/ha	
		Starburr (<i>Acanthospermum hispidum</i>) (Qld only)	Up to 12 leaf and before flowering	1.5 or 0.75 + 2L atrazine (500 g/L)	
		Thornapples (<i>Datura</i> spp.)	2 to 8 leaf Up to 15 cm tall	0.75	
		Volunteer sunflower	2 to 5 leaf Up to 20 cm tall	1	

Sabakem® Fluroxypyr 200 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	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 <i>Euphorbia davidii</i>	Seedling plants up to 15 cm tall or rosettes up to 15 cm diameter	0.5 + 1.5 of atrazine flowable (500 g/L) or 0.75 + 2 of atrazine flowable (500 g/L)	Use the low rate (0.5 + 1.5 L) when weeds are small (5-7 cm tall/ diameter) Use the high rate (0.75 + 2 L) when the weeds are larger (7 - 15 cm tall/ diameter). SABAKEM® FLUROXYPYR 200EC HERBICIDE 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 SABAKEM® FLUROXYPYR 200EC HERBICIDE and atrazine.
			Cotyledons to 4 nodes up to 15 cm	1 + 2 atrazine flowable (500 g/L)	
			Volunteer peanuts	Up to 15 cm diameter	

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	1	

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 tricornutum</i>)	1 to 3 whorl	Vic, SA, WA	1	⁽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	NSW, Qld only	0.5 ⁽¹⁾		Useful suppression only.		
		2 to 6 leaf						
	Common sowthistle (<i>Sonchus oleraceus</i>)	2 to 5 leaf	NSW, SA, Qld, WA	0.75 or 0.5 + 5 g SABAKEM® METSULFURON 600WG HERBICIDE ⁽¹⁾			Mixtures: Mixing partners with SABAKEM® FLUROXYPYR 200EC HERBICIDE may reduce crop selectivity. Apply at crop growth stages according to the mixing partner's recommendation.	
	Deadnettle	2 to 6 leaf		1				
	Spiny emex (Doublegee, Three cornered jack)	2 to 4 leaf	NSW, Qld, Tas, Vic, WA	1.5 or 0.5 + 5 g SABAKEM® METSULFURON 600WG HERBICIDE ⁽¹⁾				
	Prickly lettuce	2 to 5 leaf		1				
	Volunteer lupins	2 to 8 leaf	NSW, Vic, WA only	1.5				Plants 15 to 30 cm tall will only be suppressed.
	Volunteer potato	10 to 15 cm tall	WA and Tas only					
	Wireweed	2 to 3 leaf	NSW, Qld, SA, Tas, Vic, WA	0.5 + 5 g SABAKEM® METSULFURON 600WG HERBICIDE ⁽¹⁾				The SABAKEM® FLUROXYPYR 200EC HERBICIDE rate depends on what other weeds are present as listed above. See Mixtures comment above. SABAKEM® METSULFURON 600WG HERBICIDE @ 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. SABAKEM® MCPA 500 SELECTIVE HERBICIDE @ 1.0 L/ha.
			NSW and Qld only					
	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	0.5 to 1.5 + SABAKEM® METSULFURON 600WG HERBICIDE ⁽¹⁾ or Eclipse ⁽¹⁾ or MCPA LVE or SABAKEM® MCPA 500 SELECTIVE HERBICIDE				

Table 5: Summer Fallow

WEEDS CONTROLLED	WEED GROWTH STAGE	STATE	RATE L/ha	CRITICAL COMMENTS
Annual ground cherry Wild gooseberry (<i>Physalis</i> spp.)	2 to 8 leaf, up to 15 cm tall	NSW, Qld only	0.75 ⁽²⁾	⁽¹⁾ Add Uptake [†] Spraying Oil (see GENERAL INSTRUCTIONS ; Oils and surfactants). When mixing with SABAKEM® GLYPHOSATE 450CT HERBICIDE to control both grass and broadleaf weeds, refer to the SABAKEM® GLYPHOSATE 450CT HERBICIDE label for use rates and adjuvants recommended for the grasses (see GENERAL INSTRUCTIONS ; compatibility section). ⁽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.
Bathurst burr Noogoora burr	2 to 8 leaf, up to 20 cm tall	NSW, Qld, Vic, WA only		
Bellvine	Pre-flowering	NSW, Qld only	0.5 + 1.2 SABAKEM® GLYPHOSATE 450CT HERBICIDE	
Bladder ketmia	4 to 8 leaf, up to 10 cm tall			
Cowvine (Peach vine) <i>Ipomoea lanchophylla</i>	2 to 10 leaf up to 10 cm diameter	NSW, Qld only	0.5 + 1.0 SABAKEM® GLYPHOSATE 450CT HERBICIDE	
Caltrope (yellow vine), including <i>Tribulus terrestris</i> , <i>T. maximus</i> and <i>T. microccus</i>	Up to 15 cm diameter			
Pigweed (<i>Portulaca oleracea</i>)	Up to 10 cm diameter	NSW, Qld only	0.75 ⁽¹⁾	
	Up to 60 cm diameter			
<i>Polymeria pusilla</i>	2 to 10 leaf up to 20 cm diameter	NSW, Qld only	⁽¹⁾ or 0.5 + 1.2 SABAKEM® GLYPHOSATE 450CT HERBICIDE	
Rhynchosia	Seedlings to early flowering		1 ⁽¹⁾ or 0.375 + 0.8 SABAKEM® GLYPHOSATE 450CT HERBICIDE	
Smallflower mallow or Marshmallow (<i>Malva parviflora</i>)	Up to 8 leaf up to 20 cm diameter	NSW, Qld, WA only	1 ⁽¹⁾	
Thornapples (<i>Datura</i> spp.)	2 to 8 leaf up to 15 cm diameter		0.75 ⁽¹⁾ or 0.5 + 1.2 SABAKEM® GLYPHOSATE 450CT HERBICIDE	
Sesbania pea	2 to 6 leaf up to 10 cm tall	NSW Qld only	1.5 ⁽¹⁾ or 0.5 + 1.2 SABAKEM® GLYPHOSATE 450CT HERBICIDE	
Perennial Ground Cherry (<i>Physalis virginiana</i>) ^(w)	Bud to early flowering up to 20 cm tall		1.5 or 3 ⁽¹⁾	

Table 5: Summer Fallow (continued)

WEEDS CONTROLLED	WEED GROWTH STAGE	STATE	RATE L/ha	CRITICAL COMMENTS
Silverleaf nightshade	Full flower to early berry-set (usually Dec - Feb)	NSW only	0.75 or 0.375 + 1.5 - 2 2,4-D amine (500 g/L)	Add Uptake [†] Spraying Oil at the rate of 1 L/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	1 + 4.5 atrazine flowable (500 g/L)	Add a surfactant (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	1	Add Uptake [†] Spraying Oil (see General Instructions ; Oils and surfactants section).

Table 6: Winter Fallow

WEEDS CONTROLLED	WEED GROWTH STAGE	STATE	RATE mL/100L water	CRITICAL COMMENTS
Bedstraw (<i>Galium tricornutum</i>)	Up to 5 whorl	Vic, SA, WA only	1 ⁽¹⁾	⁽¹⁾ Add Uptake [†] Spraying Oil (see GENERAL INSTRUCTIONS ; Oils and surfactants section). ⁽²⁾ Add Uptake [†] or a surfactant (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	NSW, Qld only	0.75 ⁽¹⁾	When mixing with SABAKEM [®] GLYPHOSATE 450CT HERBICIDE to control both grass and broadleaf weeds, refer to the SABAKEM [®] GLYPHOSATE 450CT HERBICIDE 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		1.0 ⁽¹⁾ or 0.5 + 0.6 SABAKEM [®] GLYPHOSATE 450CT HERBICIDE	
Spiny emex (Doublegee, Three cornered jack)	2 to 8 leaf		1.5 ⁽¹⁾ or 0.5 ⁽²⁾ + 5 g SABAKEM [®] METSULFURON 600WG HERBICIDE	
Wireweed	2 to 3 leaf up to 10 cm tall		1.5 ⁽¹⁾ or 0.5 ⁽²⁾ + 5 g SABAKEM [®] METSULFURON 600WG HERBICIDE or 0.5 ⁽²⁾ + 0.6 SABAKEM [®] GLYPHOSATE 450CT HERBICIDE	

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

CROP STAGE GROWTH	WEEDS CONTROLLED	WEED GROWTH STAGE	RATE L/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: 1.3 Aerial: 1.5	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 Uptake [†] Spraying Oil at 1L/100L spray mixture. Ground application: Apply in 100 - 400 L/ha water and add Uptake [†] Spraying Oil at 500 mL/100L of spray mixture.
	Bellvine, Morning glory Red or pink convolvulus Star-of-Bethlehem		As above + 1 2,4-D amine (500 g/L)	
	Stinking passion flower	Established or ratoon plants with at least 1.0 m of regrowth	High volume: 450 mL/100 L water Knapsack 70 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.	3 or 2.3 + 4 atrazine flowable (500 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 L/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	0.5	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. DO NOT treat crops growing on sandy or stony soils DO NOT treat crops after the summer growing season (after end of March). To broaden the spectrum of weeds controlled, SABAKEM [®] FLUROXYPYR 200EC HERBICIDE can be mixed with 2,4-DB Amine
	Pigweed	Up to 10 cm diameter		

Table 9: Poppies (Tas only)

CROP STAGE GROWTH	WEEDS CONTROLLED	WEED GROWTH STAGE	RATE L/ha	CRITICAL COMMENTS
4 to 6 leaf	Cleavers Fumitory	2 to 6 leaf	1	
	Shepherd's purse Wireweed		1 + 5 Asulox	
8 to 10 leaf	Common sowthistle Prickly lettuce	2 to 5 leaf	1	DO NOT apply SABAKEM [®] FLUROXYPYR 200EC HERBICIDE to poppies later than the 8 to 10 leaf growth stage as a reduction of alkaloid content could occur.
	Black nightshade	Cotyledon to 4 leaf	1.5	
	Fumitory	6 to 10 leaf		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.
	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

- CROPS AND PASTURES:** DO NOT GRAZE FAILED CROPS AND TREATED PASTURES OR CUT FOR STOCK FOOD FOR 7 DAYS AFTER APPLICATION.
- POPPIES:** DO NOT SPRAY POPPIES LATER THAN 10 WEEKS BEFORE HARVEST.

MINIMUM RECROPPING PERIODS

PLANT-BACK PERIODS FOR CROPS FOLLOWING THE APPLICATION OF SABAKEM® FLUROXYPYR 200EC HERBICIDE FOR RATES UP TO 1.5 L/HA			
RATE L/ha	0.375	0.75	1.5
CROP	DAYS		
Barley	7	7	7
Wheat	7	7	7
Chickpea	7	7	7
Cotton	14	14	28
Soybean	7	7	14
Sunflower	7	7	7
Maize	7	7	7
Sorghum	7	7	7

NOTE: Before using SABAKEM® FLUROXYPYR 200EC 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.

GENERAL INSTRUCTIONS

MIXING

SABAKEM® FLUROXYPYR 200EC 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 SABAKEM® FLUROXYPYR 200EC 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 SABAKEM® FLUROXYPYR 200EC 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 (SABAKEM® FLUROXYPYR 200EC HERBICIDE). Add spraying oils and surfactants (wettors) 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 (wettors)

Use a 100% concentrate non-ionic surfactant such as BS1000 at 100 mL/100 L of spray mix where required.

COMPATIBILITY

SABAKEM® FLUROXYPYR 200EC HERBICIDE is compatible with the herbicides listed. Follow any regional restrictions, and all directions and restrictions on the label, of any chemical mixed with SABAKEM® FLUROXYPYR 200EC HERBICIDE.

- Atrazine (see below)
- SABAKEM® METSULFURON 600WG HERBICIDE
- Broadstrike[†]
- Eclipse[†]
- SABAKEM® DICLOFOP METHYL 375EC SELECTIVE HERBICIDE
- SABAKEM® TRICOPYR 600EC HERBICIDE
- SABAKEM® CLOPYRALID 300SL HERBICIDE
- MCPA
- Puma[†] S
- SABAKEM® GLYPHOSATE 360SL HERBICIDE
- SABAKEM® GLYPHOSATE 450CT HERBICIDE
- SABAKEM® CLODINAFOP 240EC (see below)
- Tordont[†] 75-D
- Tordon[†] 242
- Touchdown[†]
- 2,4-D
- 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 SABAKEM® FLUROXYPYR AND ATRAZINE.

SABAKEM® FLUROXYPYR 200EC 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 SABAKEM® FLUROXYPYR 200EC HERBICIDE and atrazine

GUIDELINES FOR TANK-MIXING SABAKEM® FLUROXYPYR 200EC HERBICIDE AND COMMON ATRAZINE FORMULATIONS

TANK MIX	RATE (L/HA)	WATER HARDNESS			MINIMUM WATER VOLUME (L/HA)		CRITICAL COMMENTS
		Soft	Medium	Hard	Ground	Aerial	
Sabakem® Fluroxypyr	0.75	✓	✓	✓	50	35	
Sabakem® Fluroxypyr + Gesaprim 500FW	0.75 + 2	✓	✓	✓	50 - 100	35	Precipitate can be easily resuspended
Sabakem® Fluroxypyr + Sabakem® Atrazine 900WG	0.75 + 1.1	✓	✗	✗	100	Do not use	Precipitate may be difficult to resuspend and may block nozzles.
Sabakem® Fluroxypyr + Nu-Trazine DF	0.75 + 1.1	✓	✗	✗	100	Do not use	Sediment may be difficult to resuspend and may block nozzles
Sabakem® Fluroxypyr + Nu-Trazine 500FW	0.75 + 2	✓	✓	✗	100	Do not use	Precipitate may be difficult to resuspend and may block nozzles.

CLODINAFOP 240EC

Always use Uptake Spraying Oil with SABAKEM® FLUROXYPYR 200EC HERBICIDE + Clodinafop 240 EC tank-mixes at 500 mL/100 L of spray mix with a minimum of 250 mL/ha.

DO NOT mix SABAKEM® FLUROXYPYR 200EC HERBICIDE with Clodinafop 240 EC if the grass weeds are not actively growing.

Always use the maximum label rate of Clodinafop 240 EC for the appropriate grass growth stage.

DO NOT use SABAKEM® FLUROXYPYR 200EC HERBICIDE at more than 0.75 L/ha in tank mixes with Clodinafop 240 EC.

GLYPHOSATE 450

When mixing SABAKEM® FLUROXYPYR 200EC HERBICIDE with SABAKEM® GLYPHOSATE 450CT HERBICIDE to control both grass and broadleaf weeds, refer to the GLYPHOSATE 450CT HERBICIDE label for use rates and adjuvants recommended for the grasses.

DO NOT use SABAKEM® GLYPHOSATE 450CT HERBICIDE at less than 1.2 L/ha in tank mixes with SABAKEM® FLUROXYPYR 200EC 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 SABAKEM® FLUROXYPYR 200EC HERBICIDE with an accurately calibrated boom sprayer, in at least 50 L/ha water (100-400 L/ha for sugar cane).

Flat nozzles are recommended using pressures in the range 200 to 300 kPa.

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.

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 equivalent 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 approximate 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 SABAKEM[®] FLUROXYPYR 200EC HERBICIDE EC 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.

RESISTANT WEEDS WARNING

GROUP	I	HERBICIDE
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SABAKEM[®] FLUROXYPYR 200EC 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, Sabakem 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 Sabakem[®] representative.

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.

SABAKEM[®] FLUROXYPYR 200EC HERBICIDE can be damaging to susceptible crops during both growing and dormant periods.

Grasses are normally unaffected by SABAKEM[®] FLUROXYPYR 200EC HERBICIDE and establish quickly after treatment. Transitory damage can occur on some species particularly those that spread by stolons such as cough grass (*Cynodon dactylon*), Kikuyu grass and carpet grass (*Axonopus* spp.)

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 therefore stock should be kept out of the area until the plants have died down.

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. Keep out of reach of children. Store in the closed, original container in a dry, cool, well ventilated area out of direct sunlight. Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemicals on site. Break, crush 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 contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

Envirodrum 110L Mini Bulk Returnable Container: Store in the original sealed Envirodrum in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. 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 Envirodrum to point of purchase. The Envirodrum remains the property of Sabakem Trading Pty Ltd.

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, a 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 11 26).

If swallowed DO NOT induce vomiting. Give a glass of water.

MATERIAL SAFETY DATA SHEET

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

CONDITIONS OF SALE

The use of this product is beyond the control of Sabakem Pty Ltd. No warranty is expressed or implied regarding the suitability or efficiency for any purpose for which it is used by the buyer. Sabakem Pty Ltd accepts no responsibility for any consequences resulting from the use of this product. Sabakem Pty Ltd will not be held liable for any loss, injury or damage arising from the sale, supply or use of this product, whether through negligence or otherwise. No responsibility will be accepted for any consequences whatsoever resulting from the use of this product.

**For specialist advice in an emergency dial
1 800 638 556
24 hours Australia wide.**