

Atrazine 900 WG

Sabakem

CAUTION

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

Sabakem

Atrazine 900 WG[®]

Selective Herbicide

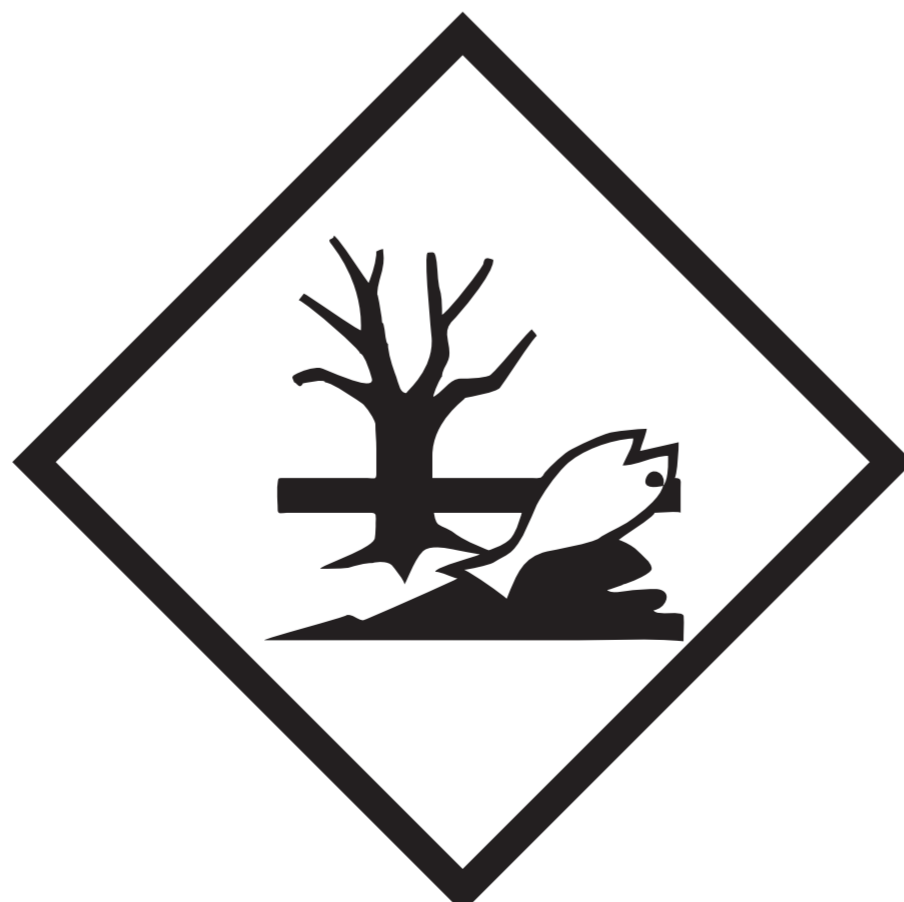
ACTIVE CONSTITUENT: 900g/kg ATRAZINE

GROUP **C** HERBICIDE

For the control of Annual Weeds in Broom Millet, TT-Canola, Lupins, Maize, Saccaline, Sorghum, Sugarcane, Sweet Corn and other crops as per the Directions for Use.

IMPORTANT: READ THE FULL DIRECTIONS BEFORE OPENING OR USING THIS PRODUCT

Net Contents: 15kg



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DOM:

Batch



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UN3077

**ENVIRONMENTALLY HAZARDOUS
SUBSTANCE, SOLID, N.O.S.
(Contains Atrazine)**

In a Transport Emergency
DIAL 000
POLICE OR FIRE BRIGADE

For specialist advice in an
emergency dial
1800 033 111
24 hours Australia wide



Atrazine 900 WG

DIRECTIONS FOR USE

RESTRAINTS:

DO NOT apply to waterlogged soil
DO NOT apply if heavy rains or storms that are likely to cause runoff are forecast within 2 days of application.
DO NOT irrigate to the point of run-off for at least 2 days after application.
DO NOT use as a pre-emergence application in broom millet, saccaline or sorghum during the wet season in the northern irrigation areas of WA.
TT Canola: DO NOT use or apply this product post-emergence on raised beds or where furrows have been created in soil for the purposes of holding or channelling water.

DO NOT apply product to any drainage line. Drainage lines show evidence of the action of periodically flowing water (eg gravel, pebble, rock or sand bed, scour hole or rick point) and/or an incised channel at least 30 cm deep.
DO NOT handle, mix, apply or conduct testing operations in areas susceptible to run-off where drainage results in rapid entry into waterways, particularly where no specific and effective action has been taken to prevent runoff into waterways. These areas may include areas mounded perpendicular to the contour, roads, access tracks, snig tracks and compacted log dumps.

Soil moisture: The product requires rainfall or irrigation to move it down through the soil into the weed root zone to make it effective. Sufficient rain or irrigation thoroughly wet the soil through the weed root zone should occur or be made within 10 days after spraying.

CROP/SITUATION	WEEDS	STATE	RATE/ha	CRITICAL COMMENTS
Canola (Trazine Tolerant varieties only) pre-emergence or post-sowing pre-emergence only	Capeweed, Charlock, Clover, Corn Cromwell, Doublegee, Fumitories, Geraniums, Ivy-leaf Speedwell, London Rocket, Mustards, Turnips, Paterson's Curse, Shepherd's Purse, Silver Grass (Vulpia) Suppression of Annual Ryegrass, Barley Grass, Brome Grass, Wild Oats, Wild Radish	All States	1.1 to 2.2 kg	Important: This use is subject to adherence to the INTEGRATED WEED MANAGEMENT STRATEGY for TT-Canola. See General Instructions: Integrated Weed Management Strategy for TT-Canola. Can be applied up to a week before sowing or post-sowing pre-emergence (ideally incorporated by harrows). For best results apply to bare moist soil, either immediately before seeding or as a pre-emergence treatment at or within 7 days of planting. Sufficient rainfall (20 to 30 mm) to wet the soil through the weed root zone is necessary within 2 to 3 weeks of application. Application should not be made to ridged or excessively cloddy soil. When applied before seeding, incorporate to a depth of 5 cm.
Canola (Trazine Tolerant varieties only) post-emergence	Annual Ryegrass (1 to 2 leaf stage only), Mustards, Wild Radish, Turnips		0.5 to 1.1 kg	Important: This use is subject to adherence to the INTEGRATED WEED MANAGEMENT STRATEGY for TT-Canola. See General Instructions: Integrated Weed Management Strategy for TT-Canola. Apply to moist soil when weeds are actively growing. The addition of 0.5 to 1% v/v of crop oil will enhance post-emergence activity. Cold water: Under cold water conditions (10°C or less) use Adigor Spray Adjuvant or Hasten® Spray Adjuvant at the recommended rate. DO NOT apply more than 1 post-emergence application.
Eucalypts, Pinus Radiata plantations	Capeweed, Clovers, Common Southwistle, Mouse-eared Chickweed, Ryegrass, Sand Brome, Silver Grass, Spear Thistle Seedlings, Wild Oats, Yorkshire Fog	NSW, Vic, Tas, SA, WA, ACT only	5 to 8.8 kg	Pre-planting: Graze the area heavily and apply the tank mixture by boom spray or aircraft no more than 2 weeks before planting. Post-planting: Apply the mixture by boom spray either immediately after or within 1 month of planting. When applying by aircraft, the pines must be at least 1 month old. Application must be made before the spring flush commences. Use rates towards the lower end of the range where broadleaf weeds are the major problem and rates towards the higher end of the range where grasses are the major problem. Use up to 8.8 kg/ha on clay loams and heavier textured soils. For sandy soils and soils described as highly erodible, apply a maximum of 5 kg/ha. DO NOT apply with a knapsack sprayer.
Grass Pastures	Giant Sensitive Plant	Old only	2.2 to 3.3 kg	Post-emergence only: Apply to moist soil and when rain is likely. Use the higher rate when long residual control is required. Pre-emergence: Apply at or immediately after planting, preferably to a moist soil, and before crop and weeds germinate. Use the lower rate on <i>Panicum maximum</i> seed crops and the higher rate on Signal Grass when grasses are likely to be the major problem. Guinea Grass, Panic and Summer Grasses (<i>Digitaria</i> spp. and <i>Brachiaria</i> spp.) are not controlled. Warning: Damage can occur to <i>Panicum maximum</i> when application is made under cool, dry conditions. Note: When used in <i>Panicum maximum</i> or Signal Grass, user accepts all responsibility should any damage occur. Refer to Incorporation in General Instructions.
Grass Seed Crops - established stands of Currie Cockfoot, Demeter Fescue, Sinoco Phalaris seedling <i>Panicum maximum</i> , Signal Grass	Billygoat Weed (Blue Top), Cobbler's-pegs, Crowfoot Grass, Fleabane, Love Grass, Mexican Poppy, <i>Sedaria</i> spp., <i>Sida</i> spp., Striking Roger, Thickhead, Wild Hops, Wild Radish, Woolly Top, Rhodes Grass	Old only	2.5 to 3.3 kg	Pre-emergence only: Apply to moist soil and when rain is likely. Use the higher rate when long residual control is required. Post-emergence: Apply at or immediately after planting, preferably to a moist soil, and before crop and weeds germinate. Use the lower rate on <i>Panicum maximum</i> seed crops and the higher rate on Signal Grass when grasses are likely to be the major problem. Warning: Damage can occur to <i>Panicum maximum</i> when application is made under cool, dry conditions. Note: When used in <i>Panicum maximum</i> or Signal Grass, user accepts all responsibility should any damage occur. Refer to Incorporation in General Instructions.
Lucerne established for more than 1 year	Mintweed	All States	600 g	Apply when the first germination of Mintweed seedlings are 5 to 3 cm high using a low volume boom applying 140 to 170 L spray mixture/ha. DO NOT use on whitish or grey sands. Apply the tank mixture to bare moist soil immediately before or at seeding. Incorporation of the tank mixture by the sowing operation should not exceed 5 cm. Sufficient rainfall to wet the soil through the weed root zone is necessary within 2 to 3 weeks of application. Results with the tank mixture can be variable if seasonal conditions are dry prior to sowing and lupins are sown into a dry or low moisture seedbed. Apply a maximum of 400 g/ha of Sabakem Atrazine 900WG [®] Selective Herbicide plus 625 mL/ha of Simazine 600 SC on yellow sands. Apply 550 g/ha of Sabakem Atrazine 900WG [®] Selective Herbicide plus 830 mL/ha of Simazine 600 SC on all other soil types. Warning: Some early crop phytotoxicity may be observed, particularly on yellow sands carrying native pear and pine vegetation.
Lupins when no weeds are present at time of sowing	Capeweed, Clovers, Doublegee, Medics, Mustard, Turnip, Wild Radish, Wireweed Suppression of annual grass weeds	WA only	270 to 550 g plus 420 to 830 mL Flowable Simazine 600 SC Liquid Herbicide	
Maintenance of fallow areas prior to planting a Sorghum crop in a conservation tillage system	Amaranths, Annual Ground Cherry, Barnyard Grass, Black Bindweed (Climbing Buckwheat), Blackberry Nightshade, Bladder Kettle, Burrs, Calltrop, Cobbler's-pegs, Common Thornapple, Crowfoot Grass, Dwarf Marigold, Fat Hen, Love Grass, Mintweed, Parthenium Weed, Pigeon Grass, Pigweed, Plains Grass, Potato Weed, Prickly Paddy Melon, Sesbania Pea, Spring Grass, Summer Grass, Sunflowers, Wild Oats, Wireweed, Yellow Vine	Old, NSW, ACT only	2 to 3.3 kg	Pre-plant: Apply to moist soil or when rain is imminent and prior to the germination of weeds and grasses, or as a tank mixture with a specific knockdown herbicide if weeds and grasses are present. Use the lower rate when short term control of weeds and grasses is required or where a wheat crop will follow sorghum in the rotation. Use the higher rate when longer term control of weeds and grasses is required. Refer to Incorporation in General Instructions.
Maize, Sweet Corn dryland and irrigated	Amaranths, Annual Ground Cherry, Barnyard Grass, Black Bindweed (Climbing Buckwheat), Blackberry Nightshade, Bladder Kettle, Burrs, Calltrop, Cobbler's-pegs, Common Thornapple, Crowfoot Grass, Dwarf Marigold, Fat Hen, Love Grass, Mintweed, Parthenium Weed, Pigeon Grass, Pigweed, Plains Grass, Potato Weed, Prickly Paddy Melon, Sesbania Pea, Spring Grass, Summer Grass, Sunflowers, Wild Oats, Wireweed, Yellow Vine	All States	2.5 to 3.3 kg	Pre-plant, pre-emergence or post-emergence: Use the lower rate on heavy soils and the higher rate on sandy soils. Post-emergence: Add a crop oil at the recommended rate. Refer to Incorporation in General Instructions.
Potatoes	Knockdown of existing weed growth and residual control of the following weeds and grasses, as an aid to the harvesting of potatoes: Capeweed, Clovers, Cruciferous Weeds, Paterson's Curse, Ryegrass, Variegated Thistle, Winter Grass	Vic, Tas only	1.3 kg plus 4.6 L amitrile (250 g/L) with ammonium thioyanate (220 g/L)	Apply after potato haulms have dried off and weeds are at seeding stage.
Roadsides, rights of way	Parthenium Weed	Old, NSW, ACT, NT only	3.3 kg	Pre-emergence and post-emergence: Apply to moist soil, following germinating rains and when further follow up rain is imminent. Where germination has occurred, ensure application is made to seedling plants.
Sorghum Concep [®] II treated seed	Amaranths, Annual Ground Cherry, Black Bindweed (Climbing Buckwheat), Black Pigweed, Blackberry Nightshade, Bladder Kettle, Burrs, Calltrop, Cobbler's-peg, Common Thornapple, Dwarf Marigold, Fat Hen, Liverseed Grass, Mintweed, Prickly Paddy Melon, Parthenium Weed, Potato Weed, Sesbania Pea, Wireweed	Old, NSW, Vic, WA, ACT only	1.4 kg plus 1 to 2 L Dual Gold [®] Herbicide	Pre-emergence only: Use the lower rate of Dual Gold on light to medium soils and the higher rate on heavy soils or where a heavy grass population is expected. Refer to Incorporation in General Instructions.
Sorghum dryland and irrigated	Amaranths, Annual Ground Cherry, Black Bindweed (Climbing Buckwheat), Black Pigweed, Blackberry Nightshade, Bladder Kettle, Burrs, Calltrop, Cobbler's-peg, Common Thornapple, Dwarf Marigold, Fat Hen, Mintweed, Prickly Paddy Melon, Parthenium Weed, Potato Weed, Sesbania Pea, Wireweed	Old, NSW, ACT only	1.1 kg plus 500 mL 2,4-D amine (500 g/L) or 700 mL dicamba (200 g/L)	Post-emergence only: Spray when broadleaf weeds are young (5 to 10 cm) and actively growing. Apply only when sorghum plants have 4 to 6 leaves fully formed (including the cotyledon) and good root development. Warning: Atrazine mixtures with 2,4-D and dicamba can cause crop damage in central Old. Refer to Incorporation in General Instructions.
Sorghum, Forage Sorghum, Broom Millet, Saccaline dryland	Amaranths, Annual Ground Cherry, Barnyard Grass, Black Bindweed (Climbing Buckwheat), Blackberry Nightshade, Bladder Kettle, Burrs, Calltrop, Cobbler's-pegs, Common Thornapple, Crowfoot Grass, Dwarf Marigold, Fat Hen, Love Grass, Mintweed, Parthenium Weed, Pigeon Grass, Pigweed, Plains Grass, Potato Weed, Prickly Paddy Melon, Sesbania Pea, Spring Grass, Summer Grass, Sunflowers, Wild Oats, Wireweed	All States	2 kg 2 kg followed by 1.3 kg 2 to 2.5 kg	Pre-plant or pre-emergence only: Use this technique where grasses are likely to be the major problem. Refer to Incorporation in General Instructions. Pre-plant or pre-emergence followed by post-emergence: Use this technique where long term or additional weed control is required because of heavy rainfall or prolonged wet conditions following the initial application, or because dry weather follows sowing and spraying and weed and grass growth occurs. Refer to Incorporation in General Instructions. Post-emergence only: Use the lower rate where only a broadleaf weed problem occurs and the higher rate where grasses are the major problem. Add a non-ionic surfactant. Refer to Incorporation in General Instructions.
Sorghum, Forage Sorghum, Broom Millet, Saccaline irrigated			1.7 kg followed by 1.4 to 1.6 kg 2.5 to 3.3 kg	Pre-plant or pre-emergence followed by post-emergence (See General Instructions): Use the lower rate on medium textured soils and the higher rate where grasses are the major problem or on heavy soils. Pre-emergence or post-emergence only (See General Instructions): Use the lower rate on light sandy soil, lo soils low in organic matter, and medium textured soils, and the higher rate where grasses are the major problem or on heavy soils. DO NOT apply as a pre-emergence application to light sandy soils. Add a non-ionic surfactant to post-emergence applications. Note: Not recommended in the WA.
Sorghum, Forage Sorghum, Broom Millet, Saccaline dryland and irrigated	Black Pigweed, Mintweed	Old only	1.3 kg	Pre-plant, pre-emergence or post-emergence: Apply when weeds are young (4 to 6 true leaves) and actively growing. Refer to Incorporation in General Instructions.
Sugarcane plant and ratoon	African Stargrass, Bellvine, Billygoat Weed, Chinese Burr, Crowfoot Grass, Cupid's Flower, Flannel Weed, Gambia Pea, Green Summer Grass, Mossman River Grass, Rattlepod, Summer Grass	NSW, Old only	3.3 kg plus 4 L ametryn (500 g/L) in sufficient water for thorough coverage	Apply as a pre-emergence or early post-emergence application to both crop and weeds. If weeds and grasses are present at time of application, these should be actively growing and not exceed the 3 to 4 leaf stage. Aim to apply onto moist soil and when rain is likely to occur within 10 days of application. Application may be as either a band or blanket spray. When applying after the cane has emerged, use a directed spray to minimise contact of the spray with the cane plants. Refer to Incorporation in General Instructions. Warning: Some phytotoxicity may be observed in Q90.

CROP/SITUATION	WEEDS	STATE	RATE/ha	CRITICAL COMMENTS
Sugarcane plant and ratoon - continued	Barnyard Grass, Blue Top (Billygoat Weed), Budda Pea, Crowfoot Grass, Flannel Weed, <i>Sida</i> refusa (Common <i>Sida</i>), Striking Passion Flower, Summer Grass, Wild Rose	NSW, Old only	2.2 to 3.3 kg	Apply as a pre-emergence application where grasses are the major problem and as a post-emergence application where broadleaf weeds only are present, these should not have more than 4 to 6 true leaves and be actively growing. Apply to moist soil and when rain is likely to occur within 10 days of application. Use higher rate where longer residual control is required. Add a recommended post-emergence herbicide if grasses are present at the time of spraying. Refer to Incorporation in General Instructions. Warning: Some phytotoxicity may be observed in Q90.
	Giant Sensitive Plant	Old only		Apply as post-emergence application. Apply to moist soil and when rain is likely to occur within 10 days of application. Use higher rate when long residual control is required. Refer to Incorporation in General Instructions. Warning: Some phytotoxicity may be observed in Q90.

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

WITHDRAWING PERIODS

Harvest

All crops: NOT REQUIRED WHEN USED AS DIRECTED

Grazing

Canola:

Pre-emergence application: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 15 WEEKS AFTER APPLICATION

Post-emergence application: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 6 WEEKS AFTER APPLICATION

Other crops: DO NOT APPLY TO AREAS THAT WILL OR MAY BE GRAZED OR CUT FOR STOCK FOOD WITHIN 28 DAYS AFTER APPLICATION

GENERAL INSTRUCTIONS

Sabakem Atrazine 900WG[®] Selective Herbicide is a pre-emergence and post-emergence herbicide that controls weeds from seed and weed seedlings. However, established perennial species, large annuals and large broadleaf weeds are not satisfactorily controlled at the rates recommended. Duration and effectiveness of control depend on the amount of chemical applied, soil type, rainfall and particular weed species.
Broadleaf weeds only: Use Sabakem Atrazine 900WG[®] Selective Herbicide post-emergence. The maximum rate of atrazine application in all crops except plantation forestry is limited to an amount of product equivalent to 3 kg ai atrazine/ha per year. DO NOT exceed this limit, especially when applying an atrazine herbicide post-emergence, where an atrazine herbicide has been applied pre-emergence. The maximum rate of application in plantation forestry is an amount of product equivalent to 4.5 kg ai atrazine/ha per year in sandy soils and those defined as highly erodible, and product equivalent to 8 kg ai atrazine/ha per year in clay loam and heavier textured soils.

RESISTANT WEEDS WARNING

Sabakem Atrazine 900WG[®] Selective Herbicide is a member of the triazine group of herbicides and has the inhibitor of photosynthesis at photosystem II mode of action. For weed resistance management this product is a Group C herbicide. Some naturally occurring weed biotypes resistant to Sabakem Atrazine 900WG[®] Selective Herbicide and other Group C herbicides may exist through normal genetic variability in any weed population. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds will not be controlled by Sabakem Atrazine 900WG[®] Selective Herbicide or other Group C herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Sabakem Pty Limited accepts no liability for any losses that may result from the failure of Sabakem Atrazine 900WG[®] Selective Herbicide to control the resistant weeds. Advice as to strategies and alternative treatments that can be used should be obtained from your local supplier, consultant, local Department of Agriculture, Primary Industries Department or a Sabakem representative.

GROUP C HERBICIDE

RESISTANT WEEDS REPORTING

Growers should collect plant or seed samples where weeds that are normally susceptible to atrazine and simazine may be resistant, get them tested and seek professional advice. Any incidents of resistance must be reported to Sabakem.

To minimise herbicide resistance:

- Avoid dry sowing in heavily weed infested paddocks. Wait for weed germination after the opening rains in weedy paddocks. Use a pre-plant knockdown or cultivation. No weeds should be allowed to survive at this stage.
- Adapt the weed control program to the anticipated weed spectrum and pressure
- Broadleaf weeds and Ryegrass: Use Sabakem Simazine or Sabakem Atrazine 900WG[®] Selective Herbicide plus Sabakem Trifluralin pre-emergence. A follow up with a Group A herbicide (if Ryegrass is susceptible) or Sabakem Atrazine 900WG[®] Selective Herbicide may be necessary.
- Broadleaf weeds only: Use Sabakem Atrazine 900WG[®] Selective Herbicide post-emergence.
- DO NOT use Sabakem Atrazine 900WG[®] Selective Herbicide or Sabakem Simazine if the area to be treated had a triazine herbicide applied to it last season.
- Watch for escapes, especially in paddocks with a long history of Group C herbicide use.
- DO NOT use Group C herbicides in consecutive years.

To avoid triazine carry-over

On acid soils (pH less than 6.5): The maximum rate of Sabakem Atrazine 900WG[®] Selective Herbicide or Sabakem Simazine or a combination of the 2 products to be applied to the crop during the growing season is 2.2 kg/ha.
On alkaline soils (pH greater than 6.5): The maximum rate of Sabakem Atrazine 900WG[®] Selective Herbicide or Sabakem Simazine or a combination of the 2 products to be applied to the crop during the growing season is 1.1 kg/ha.
Pre-emergence: It is recommended that Sabakem Atrazine 900WG[®] Selective Herbicide not be used, and at rates of 1.1 kg/ha or less, on both acid or alkaline soils.

Integrated Weed Management Strategy for TT-Canola

An Integrated Weed Management Strategy for TT Canola (the Strategy) has been developed by Sabakem with the assistance and agreement of the Canola Association of Australia. The strategy outlines recommendations, measures and options for weed management, including management of herbicide resistance in weed populations. The Strategy is available from a Sabakem representative and the Canola Association of Australia. A program has been developed that outlines sound agronomic practices and integrated weed management programs designed to optimize the performance of TT Canola. It is advised that consultation on IWM be undertaken with an accredited agronomist prior to use of Sabakem Atrazine 900WG[®] Selective Herbicide on TT canola.
Important: Use may not control canola escapes or weedy canola relatives if triazine tolerant. Sabakem, the Canola Association of Australia, neighbouring land managers and growers should be notified of suspected incidents of resistance.

DO NOT mix, load or apply this product within 20 m of any well, sink hole, intermittent or perennial stream.

MIXING

This product must be mixed with water and applied by suitable spray equipment.
1. Fill at no more than 25% full with clean water before adding Sabakem Atrazine 900WG[®] Selective Herbicide. Begin agitating vat contents vigorously and continue agitation during entire mixing and spraying operations.
2. Pour required amount of Sabakem Atrazine 900WG[®] Selective Herbicide steadily into vat. Allow vigorous bypass agitation to completely disperse product. DO NOT dump product into vat at all once.
3. After adding required quantity of Sabakem Atrazine 900WG[®] Selective Herbicide and obtaining complete dispersion, continue to fill vat to desired level for spraying. Thorough agitation of the spray liquid should continue during the entire spraying operation.
Note: Spray solution should NOT be left standing in the vat overnight.

PRODUCT RATE CONVERSION 500 SC, 600 SC, 900 WG		
Flowable 500 g/L Rate/ha	Flowable 600 g/L Rate/ha	Granule 900 g/kg Rate/ha
500 mL	420 mL	270 g
750 mL	625 mL	400 g
1 L	830 mL	550 g
1.5 L	1.25 L	800 g
2 L	1.7 L	1.1 kg
2.5 L	2 L	1.4 kg
3 L	2.5 L	1.7 kg
3.5 L	2.9 L	1.9 kg
4 L	3.3 L	2.2 kg
4.5 L	3.7 L	2.5 kg
6 L	5 L	3.3 kg
7 L	5.8 L	3.9 kg
9 L	7.5 L	5 kg
16 L	13 L	8.8 kg

COMPATIBILITY

Compatible with Adigor, ametryn, dicamba, Dual Gold, Gesapac[®] Combi 500 SC Liquid Herbicide, glyphosate, paraquat, Hasten[®] hexazinone and diquat/paraquat. As formulations of other manufacturers' products are beyond the control of Sabakem and water quality varies with location, all mixtures should be tested prior to mixing commercial quantities.

Summer Crops

Heavy rains immediately following an application tend to result in excessive concentrations of herbicide in the seed furrow, thus encouraging possible crop injury. This is most likely to occur when a pre-emergence application is made using rates in excess of 2 kg/ha. To avoid the likelihood of herbicide injury follow time of application (a), (b) or (d) listed below.

TIME OF APPLICATION

Broom millet, maize, saccaline, sorghum, sweet corn

Pre-plant or pre-emergence applications are preferred where grasses are the major problem.

- Pre-plant application followed by post-emergence application:** Apply after establishment of the seed bed and up to 2 weeks prior to sowing. Application should preferably be made to moist soil and rain or irrigation should follow application. Mechanical incorporation may also assist. If using this technique on irrigated crops, then a post-emergence spray must be applied as soon as possible after the crop has emerged and has developed 2 to 3 leaves.
- At sowing application followed by a post-emergence application:** Apply at or immediately after planting and before crop and weeds emerge. Application should preferably be made to moist soil and rain or irrigation should follow application. Mechanical incorporation may also assist. If using this technique on irrigated crops, then a post-emergence spray must be applied as soon as possible after the crop has emerged and has developed 2 to 3 leaves.
- At sowing application:** Apply at or immediately after planting and before crop and weeds emerge. Application should preferably be made to moist soil and rain or irrigation should follow application. Mechanical incorporation may also assist.
- Post-emergence application:** Application must be made to seedling broadleaf weeds and grasses when they are not more than 1 cm high. Normally the crop is then at the 2 to 3 leaf stage. For best results, the soil should be moist and rain or irrigation should follow application. Add a non-ionic surfactant for all post-emergence applications in broom millet, saccaline and sorghum, and crop oil at the recommended rate to the spray mixture for maize and sweet corn.

APPLICATION

Always apply the product to an even undrilled seedbed.

Aerial application: With aerial application, the need for good soil moisture at the time of application and follow up rain or irrigation within 10 days is most critical. Apply 20 to 30 L/ha.
DO NOT use human flaggers in aerial spraying, unless protected by engineering controls such as enclosed cabs.
Ground application: Application can be made as an overall or band treatment. Minimum band width should be 30 cm. Apply 50 to 100 L/ha.

TT-Canola: DO NOT apply to TT-Canola by aircraft. Apply only with a low boom sprayer with a 60 m buffer zone downwind of treated fields to natural or impounded lakes or dams, and a 20 m buffer zone for any well, sink hole, intermittent or perennial stream. Apply only to areas where runoff is unlikely to occur or where runoff may be captured by farm earthworks.

Incorporation (pre-plant and at sowing application)

This product acts mainly by root absorption. Its effectiveness depends on the occurrence of rainfall or irrigation to move it down into the weed root zone. Sufficient rain or irrigation to thoroughly wet the soil through the weed root zone should occur or be made immediately after application to provide appropriate weed control. Delay in activation of the product may result in some weed growth. In flood or furrow irrigation situations complete and continued activation of the product may not occur due to a thin band of dry soil on the surface during or after irrigation. Mechanical incorporation after application, using light harrows to incorporate the product into the soil not more than 4 cm deep is required to ensure the irrigation water activates the product.

PRECAUTION

Re-entry Period: DO NOT enter treated areas without protective clothing until spray has dried.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

DO NOT apply under weather conditions or from spraying equipment which may cause spray to drift onto nearby susceptible plants/crops, cropping lands or pastures. DO NOT apply product, or drain or flush equipment on or near desirable trees or other plants or on areas where their roots may extend or in locations where the chemical may be washed or moved into contact with their roots.

Crop Rotation

DO NOT plant crops other than those recommended on this label for at least 6 months following treatments at rates up to 1.4 kg/ha and for 18 months following treatments of 1.4 to 3.3 kg/ha.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT apply this product within 60 m of natural or impounded lakes or dams. DO NOT use in channels and drains. DO NOT apply under weather conditions or from spraying equipment which may cause drift of this product on adjacent areas, particularly wetlands, waterbodies or watercourses.

DO NOT contaminate streams, rivers or waterways with the chemical or used containers. This product is very highly toxic to algae and aquatic macrophytes.

STORAGE AND DISPOSAL

Store in the closed, original container in a dry, cool, well ventilated area out of direct sunlight. Shake box contents into spray tank until the box is empty. DO NOT dispose of undiluted chemicals on-site. Puncture or shred and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500 mm 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.

SAFETY DIRECTIONS

Avoid contact with eyes and skin. DO NOT inhale dust or spray mist. When preparing spray and using the prepared spray wear elbow-length PVC gloves. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use wash gloves.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131 128.

MATERIAL SAFETY DATA SHEET

If additional hazard information is required, refer to the Material Safety Data Sheet.

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.

Additional statements required by Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia: May cause damage to organs through prolonged or repeated exposure; May cause an allergic skin reaction.

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APVMA Approval No: 67452/56603

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