

180 mm

170 mm

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

LIFT
HERE


Sanonda Herbicide
TRIFLURALIN 480EC

ACTIVE CONSTITUENT: 480 g/L TRIFLURALIN
SOLVENT: 495 g/L LIQUID HYDROCARBON

GROUP D HERBICIDE

A pre-emergence herbicide for the control of annual grasses and certain broadleaf weeds in certain horticultural and agricultural crops as listed in the Directions for Use Table

IMPORTANT: READ THE ATTACHED LEAFLET BEFORE USE

APVMA Approval No.:



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**DIRECTIONS FOR USE:
FIELD CROPS**

SITUATION & CROP	WEEDS CONTROLLED	STATE	Rate L/ha soil type			CRITICAL COMMENTS
			Light	Medium	Heavy	
Chickpeas	Annual Ryegrass, Paradoxa Grass (Canary Grass), Wireweed (Hogweed), Black Pigweed; Suppression of Climbing Buckwheat (Black Bindweed), Wild Oats	Qld only	1.25 – 1.7 L/ha	1.25 – 1.7 L/ha	1.25 – 1.7 L/ha	Use 1.25 L/ha when applying immediately prior to sowing. Use 1.7 L/ha when applying to dry soil before the planting rain.
	Annual Ryegrass, Wireweed (Hogweed), Deadnettle, Wild Oats	Vic only	800 mL/ha plus 1.6 L/ha Avadex Xtra			Incorporate as per recommendations for wheat, barley and triticale.
	Red & White Fumitory, Rough Poppy, Wireweed, Annual Ryegrass, Barley Grass, Canary Grass, Sand Fescue; Suppression of Deadnettle, Speedwell, Three Cornered Jack, Yellow Burrweed, Brome Grass, Cereal Oats and soil surface Wild Oats	SA only	1.25 L/ha	1.25 L/ha	1.25 L/ha	Apply to level seedbed 0 to 4 weeks before sowing. Incorporate as per incorporation Table 6.
Adzuki Beans, Cowpeas, Lablab, Mung Beans, Borlotti Beans, Red Kidney Beans	Amaranthus, Annual Ryegrass, Barnyard Grass, Caltrop, Crab Grass, Paradoxa Grass (Canary Grass), Pigweed, Wild Oats, Winter Grass, Wireweed; Suppression of Fumitory	NSW, ACT only NSW, ACT, Qld only	1.2 – 1.5 L/ha	1.5 L/ha	1.7 L/ha	Apply from 4 weeks up to just prior to sowing. Refer Incorporation Table 3, 4 or 5 for suitable method of incorporation.
Faba Beans	Annual Ryegrass, Barley Grass, Capeweed, Corn Gromwell (Sheepweed), Fumitories, Geranium, Ivy Leaf, Speedwell, Mustards, Turnips, Wireweed; Suppression of Brome Grass, Soursob and Wild Oats	SA, WA only	800 mL/ha plus 1.8-2 L/ha Simazine 500SC			Apply to bare moist soil and grate to a depth of 5 cm just prior to sowing. Incorporation should be made within 4 hours of application. Application should not be made to ridged or excessively cloddy soil. For full reliable results, significant rainfall (20-30 mm) is necessary within 2-3 weeks of application.
Pigeon Peas	Amaranthus, Barnyard Grass, Canary Grass, Crowsfoot Grass, Pigweed, Spiny Burrgrass, Summer Grass, Wild Oats, Wireweed (Hogweed); Suppression of Yellow Vine (Caltrop), From seed only: Columbus Grass, Guinea Grass, Johnson Grass, Liverseed Grass	NSW, ACT only	1.2 L/ha	1.5 L/ha	1.7 L/ha	Apply between 4 weeks and just before sowing. Refer to Incorporation Table 3, 4 or 6 for suitable method of incorporation.
Navy Beans Soybeans	Annual Ryegrass, Barnyard Grass, Canary Grass, Caltrop (Bullhead, Yellow Vine), Crab Grass, Mossman River Grass (Innocent Grass), Pigweed, Redroot (Amaranthus), Redshank (Prince of Wales feather), Summer Grass, Wild Oats, Winter Grass, Wireweed (Hogweed) From seed only: Columbus Grass, Guinea Grass, Johnson Grass, Liverseed Grass (Urochloa)	All States	1.2 L/ha 1.2 L/ha	1.5 L/ha 1.7 L/ha	1.7 L/ha 2.3 L/ha	Spray between 4 weeks and just before sowing takes place. Refer Incorporation Table 3, 4 or 5 for suitable method of incorporation.
Lentils	Annual Phalaris, Annual Ryegrass, Wild Oats, Wireweed	NSW, ACT only	800 mL/ha	1.2 L/ha	1.2 L/ha	Apply 1 to 4 weeks before sowing.
	Fumitory – Red and White, Rough Poppy, Wireweed, Barley Grass, Canary Grass, Annual Ryegrass, Sand Fescue	SA only	1.25 L/ha	1.25 L/ha	1.25 L/ha	Apply 1 to 4 weeks before sowing.
Vetch	Annual Ryegrass, Deadnettle, Wireweed, soil surface Wild Oats; Suppression of Brome Grass, Rough Poppy, Speedwell, Three Cornered Jack, Yellow Burr Weed, Sheepweed	SA, WA only	1.7 L/ha	1.7 L/ha	1.7 L/ha	Apply to level seedbed 0 to 4 weeks before sowing. Refer to incorporation Table 6 for method of incorporation.

SITUATION & CROP	WEEDS CONTROLLED	STATE	Rate L/ha soil type			CRITICAL COMMENTS
			Light	Medium	Heavy	
Cotton	Annual Ryegrass, Barnyard Grass, Canary Grass, Caltrop (Bullhead / Yellow Vine), Crab Grass, Fumitory, Mossman Player Grass (Innocent Weed), Pigweed, Phalaris spp.,	Qld, NSW, ACT, WA only	1.2 L/ha	1.7 L/ha	1.7 L/ha	Spray between 6 weeks and just before sowing takes place. Refer Incorporation Table 1 & 2 for method of incorporation.
Legume Seed Crop	Redroot (Amaranthus), Redshank (Prince of Wales Feather), Summer Grass, soil surface Wild Oats, Winter Grass, Wireweed (Hogweed), Black Pigweed (Qld only), from seed only: Columbus Grass, Guinea Grass, Johnson Grass, Liverseed Grass (Urochloa)	NSW, ACT, SA, WA, Vic, Tas only	1.2 L/ha 1.2 L/ha	1.2 L/ha 1.7 L/ha 1.2 L/ha 1.7 L/ha	1.7 L/ha 1.7 L/ha 1.7 L/ha 1.7 L/ha	Autumn Sowing – Apply from 4 weeks to 7 days before sowing takes place. Refer Incorporation Table 6 for method of incorporation. Spring Sowing – Apply between 4 weeks and 3 days before sowing takes place. Refer Incorporation Table 6 for method of incorporation. In both cases seedling disease, cold weather, excessive moisture, high salt concentrations and drought could weaken crop seedlings and damage could occur from the use of this product. Temporary drop suppression could result.
Establishment - Annual Medics - Clover Berseem, Red, Strawberry (Sub & White)		All States				
Lucerne – for hay and seed crop		All States				
Linseed		NSW, ACT, SA, WA, Vic only	1.2 L/ha	1.5 L/ha	1.7 L/ha	Spray 2-4 weeks before sowing. Sowing depth should be 1.3 to 2.5 cm. Deeper sowing may result in some stand reduction. Refer Incorporation Table 6 for method of incorporation.
Peanuts		WA, Qld only				Spray between 4 weeks and just before sowing takes place. Refer Incorporation Table 3, 4 or 5 for suitable method of incorporation.
Peas		All States				Spray between 4 weeks and just before sowing takes place. Refer Incorporation Table 6 or 11 for method of incorporation.
Canola, Safflower		All States				Spray between 4 weeks and just before sowing takes place. Refer Incorporation Table 6 or 11 for method of incorporation.
Sugarcane Early season Late season	Weeds as listed above	Qld, NSW only	3 L/ha 2.3 L/ha	3 L/ha 2.3 L/ha	3 L/ha 2.3 L/ha	Apply to plant cane after emergence to "out of hand" stage. Apply to ratoon cane immediately after harvest. Refer Incorporation Table 3, 7 or 10 for suitable method of incorporation.
Sunflowers		All States	1.2 L/ha	1.5 L/ha	1.7 L/ha	Spray between 4 weeks and just before sowing takes place. Refer Incorporation Table 3, 4 or 5 for method of incorporation.
Lupins		All States				Spray between 4 weeks and just before sowing takes place. Refer Incorporation Table 6 for method of incorporation. WA only: Use higher rate for heavier stubble coverage. Stubble coverage above 40-50% ground cover can reduce weed control below acceptable levels. Refer Table 13 for method of incorporation.
	Annual Grasses and Broadleaf Weeds	NSW, ACT, Vic, Qld only	800 mL/ha plus 3 L/ha of Simazine 500SC Herbicide			Use a low volume boom applying 50-100 L spray mixture per hectare. Apply to bare moist soil and incorporate to a depth of 5 cm just prior to sowing the drop. Incorporate within 4 hours of application. DO NOT apply to ridged soil.
	Capeweed, Turnip, Radish, Doublegee; Suppression of Annual Ryegrass and Wild Oats	WA only	1.25 L/ha plus 1-1.5 L/ha of Simazine 500SC Herbicide			Rate for Yellow Sands. Refer to Incorporation Tables 11, 12 or 13.
	As above plus Suppression of Brome Grass		1.25 L/ha plus 2 L/ha of Simazine 500SC Herbicide			Rate for all other soil types. Apply to bare moist soil and incorporate to a depth of 5 cm just prior to sowing. Incorporation should be made within 4 hours of application. Application should not be made to rigid or excessively cloddy soil. For Simazine to be effective sufficient rainfall (20-30 mm) to set the soil through the weed root zone is necessary within 2-3 weeks of application. Results with Simazine can be variable if seasonal conditions are dry prior to sowing and lupins are sown into dry or low moisture seed beds.

SITUATION & CROP	WEEDS CONTROLLED	STATE	Rate L/ha soil type			CRITICAL COMMENTS		
			Light	Medium	Heavy			
Lupins (cont.)	Capeweed, Doublegee, Wild Radish, Wild Turnip; Suppression of Annual Ryegrass, Wild Oats and Brome Grass	WA only	1.25 L/ha plus 2 L/ha of Diuron 500 Herbicide			DO NOT use on white or grey sands as severe crop damage may result. Use tank mix of Diuron & Trifluralin where Annual Ryegrass is present. Apply at pre-sowing stage when using incorporation method in Table 13. For post-sowing pre-emergent application, ensure seed is adequately covered with soil. Refer to Incorporation Table 12.		
	Red & White Fumitory, Rough Poppy, Wireweed, Barley Grass, Canary Grass, Annual Ryegrass, Sand Fescue; Suppression of Deadnettle, Speedwell, Three Cornered Jack, Yellow Burr Weed, Brome Grass, Cereal Oats, soil surface Wild Oats	SA only	1.25 – 1.7 L/ha	1.25 – 1.7 L/ha	1.25 – 1.7 L/ha	Spray between 4 weeks and just before sowing takes place. Refer Incorporation Table 6 for method of incorporation.		
	Above weeds plus Capeweed, Common Fumitory, Geranium, Indian Hedge Mustard, Sheepweed, Shepherd Purse, Toadrush, Turnips; Suppression of Ice Plant & Soursob		1.25 L/ha to 1.7 L/ha plus 2 to 4 L/ha of Simazine 500SC Herbicide			Use a low volume boom applying 50-100 L spray mixture per hectare. Apply to bare moist soil and incorporate to a depth of 5 cm just prior to sowing the crop. Incorporate within 4 hours of application. DO NOT apply to ridged soil.		
Tobacco	Summer Grass, Crowsfoot Grass, Red Natal Grass, Love Grass, Button Grass, Rhodes Grass, Pigweed	Qld only	800 mL/ha	1.2 L/ha	-	Apply to soil 3-4 weeks prior to transplanting. The longer period to be used for applications made during June & July. Incorporate to a depth of 10 cm.		
	Crowsfoot Grass	NSW, ACT only	800 mL/ha	1.2 L/ha	1.2 L/ha	Apply to light sandy soil 14-21 days before transplanting. Do not incorporate to a depth greater than 6 cm. Apply to loam (medium soil) 14-21 days before transplanting. Do not incorporate to a depth greater than 6 cm.		
Wheat, Barley & Triticale	Annual Ryegrass, Wireweed (Hogweed), Phalaris spp.	NSW, ACT, WA & Vic only	800 mL/ha	800 mL/ha	800 mL/ha	Apply 1-4 weeks after sowing. Sowing depth should be at least 5 cm. Use cover harrows behind combine. Ground should be left flat. DO NOT use pre-sowing on self-mulching soils as damage may occur from wheel tracking and poor control of wild oats. Refer Incorporation Table 6 for method of incorporation.		
		1. Pre-sowing only						
		Fumitory Canary Grass					WA only Vic only	
	2. Pre-sowing & Post-sowing (self-mulching soils)	Annual Ryegrass, Wireweed (Hogweed), Phalaris spp.	NSW, ACT, WA & Vic only	800 mL/ha	800 mL/ha		800 mL/ha	Pre-sowing – Apply more than 4 weeks before sowing to prevent crop damage. Post sowing – Apply within 2 days after sowing to well prepared seedbed. Refer Incorporation Table 6 for suitable method of incorporation.
		Fumitory	WA only					
		Canary Grass	Vic only					
		As above except for Fumitory	Vic only					
Wheat Barley	Annual Ryegrass, Paradoxa Grass (Canary Grass), soil surface Wild Oats, Wireweed (Hogweed)	Qld only	800mL/ha	800mL/ha	800mL/ha	On non self-mulching soils apply 1-4 weeks before sowing. Sowing depth should be at least 5 cm. Use cover harrows behind combine. Ground should be left flat. On self-mulching soils as above apply more than 4 weeks before sowing to prevent crop damage. Refer Incorporation Table 6 for method of incorporation.		
		SA only						
Wheat, Triticale, Rye	Annual Ryegrass, Red & White Fumitory, Phalaris spp, Wireweed; Suppression of Deadnettle, Rough Poppy, Yellow Burr Weed	SA only				Apply to self-mulching and non-self-mulching soils from 1-4 weeks before sowing. Sowing depth should be at least 5 cm. Use cow harrows behind combine. Ground should be left flat. Refer Incorporation Table 6 for suitable method of incorporation.		
Barley	As above for SA plus Sand Fescue and Suppression of Brome Grass					Apply 14 weeks before sowing. Sowing depth should be at least 5 cm. Use cover harrows behind combine. Ground should be left flat. DO NOT use pre-sowing on self-mulching soils as damage may occur from wheel tracking and poor control of wild oats. Refer Incorporation Table 6 for method of incorporation.		
Wheat & Triticale only	Annual Phalaris	NSW, ACT only	800 mL/ha plus 20 g/ha Chlorsulfuron 750 WG Herbicide			If possible spray and incorporate into the soil in one operation. If this is not possible incorporation should take place within 4 hours of spraying. Delay may cause inferior weed control.		

**FIELD CROPS:
FOR USE IN NO-TILL/MIN TILL CROPPING SYSTEMS, PRE-SOWING OR INCORPORATED BY SOWING (IBS)
(Using Incorporation Table 13)**

SITUATION & CROP	WEEDS CONTROLLED	STATE	Rate L/ha soil type			CRITICAL COMMENTS
			Light	Medium	Heavy	
Wheat, Barley & Triticale	Annual Ryegrass, Wireweed, <i>Phalaris</i> spp., Fumitory	WA, SA, Vic, NSW, ACT only	1.5L-2 L/ha			Use the higher rate on lighter sandy loam soils. DO NOT use on heavy soils. Use with Knife/Blade point sowing equipment. Use the higher rate for heavier stubble coverage. Stubble coverage above 40-50% ground cover can reduce weed control below acceptable levels. Refer Table 13 for method of incorporation. WA only: Application can occur 0-24 hours prior to incorporation by sowing. For best results apply as close as possible to sowing (within 12 hours). Application 12-24 hours before sowing may be more adversely affected by above average soil moisture, warm temperatures and high weed seed densities. These factors individually or combined may reduce final weed control levels.
Chickpeas		WA only	1.25-1.7 L/ha plus 2 L/ha Simazine 500SC Herbicide			Incorporate as per Incorporation Table 13.

VEGETABLES, ORCHARDS AND VINEYARDS

SITUATION & CROP	WEEDS	STATE	Rate L/ha soil type			CRITICAL COMMENTS
			Light	Medium	Heavy	
Transplants only Broccoli, Cabbage, Cauliflowers, Tomatoes	Annual Ryegrass, Barnyard Grass, Canary Grass, Calltrop, (Bullhead Yellow Vine), Crab Grass,	All States	1.2 L/ha	1.7 L/ha	2.3 L/ha	Spray between 4 weeks and just before sowing takes place. Refer Incorporation Table 3, 4 or 5 suitable method of incorporation.
Direct Seeded Only Broccoli, Brussels Sprouts, Cabbage	Mossman River Grass (Innocent Grass), Pigweed Redroot (<i>Amaranthus</i>),	Vic, Qld only				
Cauliflower	Redshank (Prince of Wales Feather), Summer Grass, Wild Oats,	All States				
Carrots	Winter Grass, Wireweed	Vic only				
Chicory	(Hogweed)	All States				
Green Beans	From seed only: Columbus Grass, Guinea Grass, Johnson Grass, Liverseed Grass (<i>Urochloa</i>)	All States	1.2 L/ha	1.5 L/ha	1.7 L/ha	
Orchards and Vineyards		Qld, SA, WA, Vic, Tas only	1.2 L/ha	1.7 L/ha	2.3 L/ha	Apply to new planting during pre-plant cultivation. Apply to established crops in Spring after weeds and green manure crop has been ploughed into ground. Refer Incorporation Table 8 or 9 suitable method of incorporation.

NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION. WITHHOLDING PERIOD: NOT REQUIRED WHEN USED AS DIRECTED

GENERAL INSTRUCTIONS:

THIS PRODUCT MUST BE INCORPORATED INTO THE SOIL WITHIN 4 HOURS OF APPLICATION EXCEPT IN WESTERN AUSTRALIA WHERE THE CROP IS SOWN WITHIN MINIMUM TILLAGE SOWING EQUIPMENT (FITTED WITH KNIFE POINTS OR BLADES LESS THAN 12 MM WIDE, USUALLY WITH PRESS WHEELS) WHERE APPLICATION MAY OCCUR UP TO 24 HOURS BEFORE INCORPORATION BY THE SOWING PROCESS.

INCORPORATION TABLE

1. Prior to furrowing out: 2 workings at an angle required using Offset or Tandem disc harrows.
2. After furrowing out: 2 workings required using Go-Devil discs or Lilliston cultivators set at 10 cm depth.
3. Rotary Hoe: 1 working required at 5-7 cm depth. Sugar cane: 7.5-13 cm depth.
4. Offset or Tandem Disc Harrows: (preferably with spiked harrows in tandem) 2 workings at an angle required at 7.5-15 cm depth at 6.5-10 km per hour.
5. Heavy Diamond or Stump Jump Harrows – (weighted 20-30 kg per section) at 10-13 km per hour speed. Then cross work with offset or tandem disc harrows set to 7.5-15cm depth at speed 6.5-10 km per hour.
6. Weighted Heavy Diamond or Stump Jump Harrows (weighted with 20-30 kg per section) at 10-13 km per hour. Cross work with combine at 5-7.5 cm depth at speed of 10-13 km per hour.
7. Disc Ratoon Cultivator: 2 workings needed with discs and cultivator set at 7.5-13 cm depth.
8. Offset or Tandem Disc Harrows: set at 7.5-15 cm depth. A second discing is required working in opposite direction with discs set to throw treated soil into tree or vine row.
9. Rotary Hoe: 1 working needed at 5-10 cm depth.
10. Offset Discs (Bumpers): 2 workings needed at depth of 7.5-13 cm.
11. Incorporation by Sowing (IBS) on suitably prepared seedbed with heavy diamond harrows trailing or as a separate operation.
12. Post-sowing pre-emergence: Use heavy diamond harrows cross working at right angles to the direction of sowing. DO NOT attempt this method of incorporation on poorly prepared, clumpy or cloddy soils.
13. Incorporation by Sowing (IBS) with knife or blade points. Use press wheels to avoid dragging treated soil back into the seed furrow. Maintain slow to moderate speed to ensure that soil throw is not into adjacent furrows. Note: Knife or blade point systems can result in poor weed control in the seed furrow as chemical displacement from this zone occurs. Stubble coverage above 40-50% ground cover can reduce weed control below acceptable levels. A knife or blade point is 12 mm or less, has no inverted wings, inverted T or blade, and is generally placed on a minimum 8 inch tyre spacing.

MIXING

This product is an emulsifiable concentrate which mixes readily with water. Add the recommended amount to the spray tank during filling operation and apply 70-450 L of water/ha (broadcast basis) dependent on soil type and stubble coverage level. For minimum tillage/stubble retention seeding systems use of the higher water volumes may help reduce the impact of stubble.

Ensure adequate agitation is continued throughout the operation.

Leaving the made-up spray mixture for long periods of time without agitation is not recommended.

Under hot conditions or where possible, spray and incorporate into the soil in one operation. Delay may cause inferior weed control. Use properly calibrated standard low pressure (170-340 kPa) boom type sprayer with fan tips.

CONDITIONS FOR BEST RESULTS

This product must be thoroughly incorporated as recommended. Soil should be well worked and free of weeds at time of application. Product effectiveness may be reduced by inadequate incorporation, high organic matter, excess clods, crop or trash residues, stones or other foreign matter and in areas of unnaturally high weed seed population such as header tracks or livestock rest areas. Trifluralin is volatile and disappears from exposed surfaces. Loss is hastened by high temperatures, winds or warm moist soil.

INTEGRATED WEED MANAGEMENT

The use of Integrated Weed Management techniques in conjunction with Trifluralin is always recommended. Agronomic practices that reduce the weed seed bank in the soil prior to the use of the product Trifluralin will result in higher weed control levels from Trifluralin. Failure to use agronomic and Integrated Weed Management practices that reduce the weed seed bank in the soil will result in higher weed seed populations. Paddocks with excessively high weed seed banks may have sufficient weed numbers surviving such that final weed control may be considered below a commercially acceptable level and additional herbicide treatments may be necessary. The use of Integrated Weed Management techniques will also reduce potential for the development or survival of Group D herbicide resistant weed biotypes.

WILD OATS

Germinating wild oat seeds lying on soil surface will not be controlled. Therefore, specific wild oat control is only possible with shallow cultivation. Poor control will occur on self-mulching soils and all soil types where deep cultivation is practiced.

COMPATIBILITY

This product may be mixed in the spray tank with: Herbicides: Avadex Xtra, chlorsulfuron, Nugran/Logran, Diuron Granules (900 g/kg diuron), Diuron 500 Flowable, Simazine 500 Flowable, Simazine 900 WG, Nuquat, Gramoxone, Spray, Seed, Broadstrike, Spinnaker, Bladex, Metribuzin (750 g/kg). Insecticides: Chlorpyrifos 500EC, Endosulfan 350EC.

NOTE:

1. Information on compatibility is understood to be correct at the time of publication, however products may vary from time to time, therefore a small scale compatibility test should be carried out before mixing in the spray tank.
2. Observe any mixing sequence instructions for tank mix products.

EQUIPMENT MAINTENANCE AND USAGE

Keep the spray unit for herbicides only if possible otherwise, spray tanks, pumps, lines and nozzles should be thoroughly rinsed several times with clean water following application. Spraymate Tank & Equipment Cleaner is suitable for this purpose and will also remove Trifluralin stains.

RESISTANT WEEDS WARNING**GROUP D HERBICIDE**

Sanonda Herbicide Trifluralin 480EC is a member of the Dinitronilines group of herbicides. Sanonda Herbicide Trifluralin 480EC has the inhibitors of tubulin formation mode of action. For weed resistance management Sanonda Herbicide Trifluralin 480EC is a Group D herbicide. Some naturally occurring weed biotypes resistant to Sanonda Herbicide Trifluralin 480EC and other Group D 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 Sanonda Herbicide Trifluralin 480EC or other Group D herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Sanonda (Australia) Pty Ltd accepts no liability for any losses that may result from the failure of Sanonda Herbicide Trifluralin 480EC to control resistant weeds.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

DO NOT use in high winds.

DO NOT exceed rates specified, to avoid crop damage.

DO NOT plant sensitive grasses such as oats, sorghum, millets, Phalaris spp., ryegrass or wheat for 12 months following the use of this product except where wheat follows wheat or other winter crops.

DO NOT plant oilseed poppies when a detectable residue of Trifluralin is present in the soil. Levels as low as 0.02 ppm may interact with other unfavourable factors (moisture, stress disease etc) to reduce poppy growth and vigour.

DO NOT apply to orchards and vineyards after first flush of growth or when residues can lodge on or in fruit. Reduced germination of wheat and barley may occur due to combination of the following circumstances and use of this product:

Short Coleoptile cultivars,

Use of seed dressings (except Vitavax),

Shallow or uneven seedling depth.

Drift Warning: DO NOT apply under meteorological conditions or from spraying equipment which could be expected to cause spray drift onto nearby susceptible plants adjacent crops, crop lands or pastures.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT contaminate streams, rivers or waterways with the chemical or used containers.

STORAGE AND DISPOSAL

Store in the closed, original container in a cool-well ventilated area away from children, animals, food, feedstuffs, seed and fertilizers. DO NOT store for prolonged periods in direct sunlight.

Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on site. If recycling, replace cap and return clean container to recycler or designated collection point. If not recycling, break, crush or puncture 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.

For refillable container (1000 L only): Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

180 mm

170 mm

SAFETY DIRECTIONS

Harmful if swallowed. Will irritate the eyes and skin. Repeated exposure may cause allergic disorders. Sensitive workers should use protective clothing. Avoid contact with eyes and skin. DO NOT inhale spray mist. When opening the container and using the prepared spray wear cotton overalls, buttoned to the neck and wrist and a washable hat and elbow length PVC gloves and face shield or goggles. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each 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 in the Material Safety Data Sheet which can be obtained from the supplier.

NOTICE TO BUYER

Sanonda (Australia) Pty Ltd will not be held liable for any loss, injury or damage, indirect or consequential, arising from the sale, supply, use or application of this product. The product is not to be used for any purpose or in any way contrary to label instructions.



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