

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

GENFARM

TRIFLURALIN 600

Herbicide

ACTIVE CONSTITUENT: 600 g/L TRIFLURALIN
SOLVENT: 9.5 g/L LIQUID HYDROCARBON



RLP
Approved

GROUP	D	HERBICIDE
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For the pre-emergent control of certain annual grasses and broadleaf weeds in horticultural and agricultural crops as specified in the Directions for Use.



IMPORTANT: READ THE ATTACHED BOOKLET BEFORE USING THIS PRODUCT

CONTENTS: 20L, 110L, 200L, 1000L

Landmark Operations Limited
Suite 2, Level 3, 64 Talavera Road,
North Ryde,
NSW, 2113
Tel: (02) 9889 5400
Product Support Tel: 1800 44 88 92

Storage and Disposal

Store in closed original container in a cool, well ventilated area. DO NOT store for prolonged periods in direct sunlight. Do not store below 5°C. Do not store near food, feedstuffs, fertilisers or seed.

This container can be recycled if it is clean, dry, free of visible residues and has the **drumMUSTER** logo visible. Triple or pressure rinse container for disposal. Dispose of rinsate by adding to the spray tank. Do not dispose of undiluted chemicals on site. Wash outside of the container and the cap. Store cleaned container in a sheltered place with cap removed. It will then be acceptable for recycling at any **drumMUSTER** collection or similar container management site. The cap should not be replaced but may be taken separately.

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 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 (110L, 1000L): Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

SAFETY DIRECTIONS

Harmful if swallowed. Poisonous if inhaled. Will damage eyes. Will irritate the skin. May irritate nose and throat. Repeated exposure may cause allergic disorders. Avoid contact with eyes and skin. Do not inhale vapour or spray mist. If product or spray on skin, immediately wash area with soap and water. When opening the container, preparing spray and using the prepared spray, wear cotton overalls buttoned to the neck and wrist and a washable hat and elbow length chemical resistant gloves, goggles and half facepiece respirator. If product or spray in eyes wash it out immediately with water. 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, goggles, respirator and if rubber wash with detergent and warm water 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

For further information, refer to the Material Safety Data Sheet (MSDS) which is available from the supplier.

CONDITIONS OF SALE

The use of this product is beyond the control of Landmark Operations Limited. No warranty is expressed or implied regarding the suitability or efficiency for any purpose for which it is used by the buyer. Landmark Operations Limited. accepts no responsibility for any consequences resulting from the use of this product. Landmark Operations Limited 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.

APVMA Approval No: 65549/51233

Batch No:

Date of Manufacture:

In a Transport Emergency Dial 000 Police or Fire Brigade	SPECIALIST ADVICE IN EMERGENCY ONLY 1800 033 111 ALL HOURS AUSTRALIA WIDE
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APVMA APPROVAL NO: 65549/51233

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Suite 2, Level 3, 64 Talavera Road,
North Ryde, NSW, 2113
Tel: (02) 9889 5400
Product Support Tel: 1800 44 88 92

DIRECTIONS FOR USE

RESTRAINTS: This product must be incorporated into the soil within 4 hours of application.
This product must only be used in Agitated Spray Tanks.

1. FIELD CROPS

SITUATION & CROP	WEEDS CONTROLLED	STATE	RATE/SOIL TYPE			CRITICAL COMMENTS
			LIGHT	MED	HEAVY	
Chickpeas	Annual Ryegrass, Paradoxa Grass (Canary Grass), Wireweed (Hogweed), Black Pigweed, suppression of Climbing Buckwheat (Black Bindweed), soil surface Wild Oats	Qld only	1-1.4 L/ha	1-1.4 L/ha	1-1.4 L/ha	Use 1 L/ha when applying immediately prior to sowing. Use 1.4 L/ha when applying to dry soil before the planting rain.
	Annual Ryegrass, Wireweed (Hogweed), Deadnettle	Vic only	640 mL/ha plus 1 L/ha triallate (500 g/L)			Incorporate as per recommendations for wheat, barley and triticale.
	Red & White Fumitory, Rough Poppy, Wireweed (Hogweed), Annual Ryegrass, Barley Grass, Canary Grass, Sand Fescue, suppression of Deadnettle, Speedwell, Three Cornered Jack, Yellow Burr Weed, Brome Grass, Cereal Oats and soil surface Wild Oats	SA only	1 L/ha	1 L/ha	1 L/ha	Apply to level seed bed 0 to 4 weeks before sowing. See Incorporation Table direction 6 for method of incorporation.
Adzuki Beans, Cowpeas, Lablab, Mung Beans, Borlotti Beans, Red Kidney Beans	Amaranthus, Annual Ryegrass, Barnyard Grass, Caltrop, Crab Grass, Paradoxa Grass (Canary Grass), Pigweed, soil surface Wild Oats, Winter Grass, Wireweed (Hogweed), suppression of Fumitory	ACT, NSW only	960 mL – 1.2 L/ha	1.2 L/ha	1.35 L/ha	Apply from 4 weeks up to just prior to sowing. See Incorporation Table directions 3,4 or 5 for method of incorporation.
		ACT, NSW, Qld only				
Faba Beans	Annual Ryegrass, Barley Grass, Capeweed, Corn Gromwell (Sheepweed), Fumitories, Geranium, Ivy Leaf Speedwell, Mustards, Turnips, Wireweed (Hogweed), suppression of Brome Grass, Soursob and soil surface Wild Oats	SA, WA only	640 mL/ha plus 1.1 kg/ha simazine (900g/kg)			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 ridged or excessively cloddy soil. For full reliable results, significant rainfall (20 or 30 mm) is necessary within 2-3 weeks of application.
Pigeon Peas	Amaranthus, Barnyard Grass, Canary Grass, Crowsfoot Grass, Pigweed, Spiny Burrgrass, Summer Grass, soil surface Wild Oats, Wireweed (Hogweed), suppression of Yellow Vine (Caltrop), From seed only: Columbus Grass, Guinea Grass, Johnson Grass, Liverseed Grass	ACT, NSW only	960 mL/ha	1.2 L/ha	1.35 L/ha	Apply between 4 weeks and just before sowing. See Incorporation Table directions 3, 4 or 6.
Lentils	Annual Phalaris, Annual Ryegrass, Wild Oats, Wireweed (Hogweed)	ACT, NSW, only	640 mL/ha	960 mL/ha	960 mL/ha	Apply 1 to 4 weeks before sowing.
	Red and White Fumitory, Rough Poppy, Wireweed (Hogweed), Barley Grass	SA only	1 L/ha	1 L/ha	1 L/ha	
Navy Beans Soybeans	Annual Ryegrass, Barnyard Grass, Canary Grass, Caltrop (Bullhead/Yellow Vine), Crab Grass, Mossman River Grass (Innocent Weed), Pigweed, Redroot (Amaranthus), Redshank (Prince of Wales Feather), Summer Grass, soil surface Wild Oats, Winter Grass, Wireweed (Hogweed), From seed only: Columbus Grass, Guinea	All States	960 mL/ha 960 mL/ha	1.2 L/ha 1.2 L/ha	1.35 L/ha 1.85 L/ha	Spray between 4 weeks and just before sowing takes place. See Incorporation Table directions 3, 4 or 5

	Grass, Johnson Grass, Liverseed Grass (<i>Urochloa</i>)					
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1. FIELD CROPS (continued)

SITUATION & CROP	WEEDS CONTROLLED	STATE	RATE/SOIL TYPE			CRITICAL COMMENTS
			LIGHT	MED	HEAVY	
Vetch	Annual Ryegrass, Deadnettle, Wireweed (Hogweed), soil surface Wild Oats, Suppression of Brome Grass, Rough Poppy, Speedwell, Three Cornered Jack, Yellow Burr Weed, Sheepweed	SA, WA only	1.35 L/ha	1.35 L/ha	1.35 L/ha	Apply to level seedbed 0 to 4 weeks before sowing. See Incorporation Table direction 6 for method of incorporation
Cotton	Annual Ryegrass, Barnyard Grass, Canary Grass, Caltrop (Bullhead/Yellow Vine), Crab Grass, Mossman River Grass (Innocent Weed) Pigweed, Redroot (<i>Amaranthus</i>), Redshank (Prince of Wales Feather), Summer Grass, soil surface Wild Oats, Winter Grass, Wireweed (Hogweed), Black Pigweed (Qld only),	NSW, Qld, WA only	960 mL/ha	1.35 L/ha	1.85 L/ha	Spray between 6 weeks and just before sowing takes place. See Incorporation Table directions 1 & 2.
Legume seed crop establishment Annual Medics Clover (Berseem Red Strawberry, Sub and White) Lucerne	Vine), Crab Grass, Mossman River Grass (Innocent Weed) Pigweed, Redroot (<i>Amaranthus</i>), Redshank (Prince of Wales Feather), Summer Grass, soil surface Wild Oats, Winter Grass, Wireweed (Hogweed), Black Pigweed (Qld only),	ACT, NSW, SA, Tas, Vic, WA only	960 mL/ha	960 mL/ha	1.35 L/ha	Autumn Sowing – Apply from 4 weeks to 1 week before sowing takes place. See Incorporation Table direction 6 for method of incorporation. Spring Sowing – Apply between 4 weeks and 3 days before sowing takes place. See Incorporation Table direction 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 crop suppression could result.
Lucerne for hay and seed crops	<i>Phalaris</i> spp. Fumitory From seed only: Columbus Grass, Guinea Grass, Johnson Grass, Liverseed Grass (<i>Urochloa</i>)	All States	960 mL/ha	1.35 L/ha	1.35 L/ha	
Linseed		ACT, NSW, SA, Vic, WA only	960 mL/ha	1.2 L/ha	1.35 L/ha	
Peanuts		Qld, WA only	960 mL/ha	1.2 L/ha	1.35 L/ha	Spray between 4 weeks and just before sowing takes place. See Incorporation Table directions 3, 4 or 5.
Peas		All States				Spray between 4 weeks and just before sowing takes place. See Incorporation Table directions 6 or 11.
Canola						
Safflower						
Sugar Cane - Early season - Late season		NSW, Qld only	2.4 L/ha 1.85 L/ha	2.4 L/ha 1.85 L/ha	2.4 L/ha 1.85 L/ha	Apply to plant cane after emergence to 'out of hand' stage. Apply to ratoon cane immediately after harvest. See Incorporation Table directions 3, 4 or 10.
Sunflowers	See weeds as above	All States	960 mL/ha	1.2 L/ha	1.35 L/ha	Spray between 4 weeks and just before sowing takes place. See Incorporation Table directions 3, 4 or 5 for method of incorporation.
Lupins						Spray between 4 weeks and just before sowing takes place. See Incorporation Table direction 6 for suitable 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. See Incorporation Table direction 13 for method of incorporation.

1. FIELD CROPS (continued)

SITUATION & CROP	WEEDS CONTROLLED	STATE	RATE/SOIL TYPE			CRITICAL COMMENTS
			LIGHT	MED	HEAVY	
Lupins	Annual Grasses and Broadleaf Weeds	ACT, NSW, Qld, Vic only	640 mL/ha plus 1.7 kg/ha simazine (900 g/kg)			Use a low volume boom applying 50-100 litres 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 a ridged soil.
	Capeweed, Turnip, Radish, Doublegee (Spiny Emex), suppression of Annual Ryegrass and Wild Oats	WA only	1 L/ha plus 560-830 g/ha simazine (900 g/kg)			Rate for yellow sands. See Incorporation Table directions 11, 12 or 13.
	As above plus suppression of Brome Grass.		1 L/ha plus 1.1 kg/ha simazine (900 g/kg)			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. Applications should not be made to ridged or excessively cloddy soil. For simazine to be effective sufficient rainfall (20-30 mm) to wet 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.
	Capeweed, Doublegee (Spiny Emex), Wild Radish, Wild Turnip, plus suppression of Annual Ryegrass, soil surface Wild Oats, Brome Grass		1 L/ha plus 1.1 kg/ha diuron (900 g/kg)			DO NOT use on white or grey sands as severe crop damage may result. Use tank mix of diuron & Genfarm Trifluralin 600 where annual ryegrass is present. Apply at pre-sowing stage. See Incorporation Table direction 13. For post sowing pre-emergent application ensure seed is adequately covered with soil. See Incorporation Table directions 12 TANK MIXTURES: Read and follow all the label directions including restraints, spray drift restraints, mandatory no-spray zones, critical comments, withholding periods, regional use restrictions and safety directions for the tank mix product.
	Red & White Fumitory, Rough Poppy, Wireweed (Hogweed), 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	1-1.4 L/ha	1-1.4 L/ha	1-1.4 L/ha	Spray between 4 weeks and just before sowing takes place. See Incorporation Table direction 6.
	Above weeds plus Capeweed, Common Fumitory, Geranium, Indian Hedge Mustard, Sheepweed, Shepherd's Purse, Toadrush, Turnips, suppression of Ice Plant, Soursob		1 L/ha to 1.4 L/ha plus 1.1-2.2 kg/ha simazine (900 g/kg)			Use a low volume boom applying 50-100 litres 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 a ridged soil.
Tobacco	Summer Grass, Crowsfoot Grass, Red Natal Grass, Love Grass, Button Grass, Rhodes Grass, Pigweed	Qld only	640 mL/ha	960 mL/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 only			960 mL/ha	Apply to light sandy soil 2-3 weeks before transplanting. DO NOT incorporate to a depth greater than 6 cm. Apply to loam (medium soil) 2-3 weeks before transplanting. DO NOT incorporate to a depth of greater than 6 cm.

1. FIELD CROPS (continued)

SITUATION & CROP	WEEDS CONTROLLED	STATE	RATE/SOIL TYPE			CRITICAL COMMENTS
			LIGHT	MED	HEAVY	
Wheat, Barley, Triticale 1.Pre-Sowing only	Annual Ryegrass, Wireweed (Hogweed), <i>Phalaris</i> spp.	ACT, NSW, Vic, WA only	640 mL/ha	640 mL/ha	640 mL/ha	Apply 1-4 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. See Incorporation Table direction 6.
	Fumitory	WA only				
	Canary Grass	Vic only				
2. Pre-Sowing and Post-Sowing (self-mulching soils)	As above, except for Fumitory	Vic only	640 mL/ha	640 mL/ha	640 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. See Incorporation Table direction 6.
Wheat	Annual Ryegrass, Paradoxa Grass (Canary Grass), soil surface Wild Oats, Wireweed (Hogweed)	Qld only	640 mL/ha	640 mL/ha	640 mL/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. See Incorporation Table method 6.
Barley						Apply to self-mulching and non self-mulching soils from 1-4 weeks before sowing. Sowing depth should be at least 5 cm. Use cover harrows behind combine. Ground should be left flat. See Incorporation Table 6.
Wheat, Triticale, Rye	Annual Ryegrass, Red & White Fumitory, <i>Phalaris</i> spp., Wireweed (Hogweed), suppression of Deadnettle, Rough Poppy, Yellow Burr Weed	SA only	1 L/ha	1 L/ha	1 L/ha	Apply 1-4 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. See Incorporation Table method 6.
Barley	As above for SA plus Sand Fescue and suppression of Brome Grass					
Wheat, Triticale only	Annual Phalaris	ACT, NSW only	640 mL/ha plus 20 g chlorsulfuron (750 g/kg)			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.

2. FIELD CROPS: PRE-SOWING OR INCORPORATED BY SOWING (IBS) (Using Incorporation Table Method 13)

SITUATION & CROP	WEEDS CONTROLLED	STATE	RATE (L/HA)	CRITICAL COMMENTS
Wheat, Barley, Triticale	Annual Ryegrass, Wireweed (Hogweed), <i>Phalaris</i> spp. Fumitory	NSW, SA, Vic, WA only	1.2-1.6 L	Use higher rate on lighter sandy and sandy loam soils. DO NOT use on heavy soils. Use with knife/blade point sowing equipment. Use higher rate for heavier stubble coverage. Stubble coverage above 40%-50% ground cover can reduce weed control below acceptable levels. See Incorporation Table method 13.
Chickpeas		WA only	1 to 1.4 L plus 1.1 kg/ha simazine (900 g/kg)	Incorporate as recommended in Incorporation Table method 13.

3. VEGETABLES, ORCHARDS AND VINEYARDS

SITUATION & CROP	WEEDS CONTROLLED	STATE	RATE L/ha SOIL TYPE			CRITICAL COMMENTS
			LIGHT	MED	HEAVY	
Transplants only Broccoli, Cabbage, Cauliflowers, Tomatoes	Annual Ryegrass, Barnyard Grass, Canary Grass, Caltrop (Bullhead/Yellow Vine), Crab Grass, Mossman River Grass (Innocent Grass), Pigweed, Redroot (<i>Amaranthus</i>), Redshank (Prince of Wales Feather), Summer Grass, Wild Oats, Winter Grass, Wireweed (Hogweed) From seed only: Columbus Grass, Guinea Grass, Johnson Grass, Liverseed Grass (<i>Urochloa</i>)	All States	960 mL/ha	1.4 L/ha	1.8 L/ha	Spray between 4 weeks and just before sowing takes place. See Incorporation Table methods 3, 4 or 5.
Direct Seeded only Broccoli Brussels Sprouts, Cabbage						
Cauliflower		Vic only				
Carrots		All States				
Chicory		Vic only				
Green Beans		All States	960 mL/ha	1.2 L/ha	1.4 L/ha	
Orchards & Vineyards		Qld, SA, Tas, Vic, WA only	960 mL/ha	1.4 L/ha	1.8 L/ha	

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.

INCORPORATION TABLE

- Prior to furrowing out:** 2 workings at an angle required using Offset or Tandem disc harrows.
- After furrowing out:** 2 workings required using Go-Devil discs of Lilliston cultivators set at 10 cm depth.
- Rotary Hoe:** 1 working required at 5-7.5 cm depth. Sugar Cane: 7.5-13 cm depth.
- 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.
- Heavy Diamond or Stump Jump Harrow:** (weighted 20-30 kg per section) at 10-13 km/hr speed. Then cross work with offset or tandem disc harrows set to 7.5-15 cm depth at speed 6.5-10 km per hour.
- Weighted Heavy Diamond or Stump Jump Harrow:** (weighted 20-30 kg per section) at 10-13 km/hr speed. Cross work with combine at 5-7.5 cm depth at speed 10-13 km per hour.
- Disc Ratoon Cultivator:** 2 workings needed with discs and cultivator set at 7.5-13 cm depth.
- Offset or Tandem Disc Harrows:** set at 7.5-15 cm depth. A second discing is required working opposite direction with discs set to throw treated soil into tree or vine row.
- Rotary Hoe:** 1 working needed at 5-10 cm depth.
- Offset Discs (Bumpers):** 2 workings needed at depth of 7.5-13 cm.
- Incorporation by sowing (IBS) on suitably prepared seed bed with heavy diamond harrows trailing or as a separate operation.
- 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.
- 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:** (a) 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. (b) A knife or blade point of 12 mm or less, has no wings, inverted T or blade, and is generally placed on a minimum 200 mm tyne 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 per hectare (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 prepared 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 boom sprayer with nozzles that provide medium through to very coarse spray droplets.

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. Genfarm Trifluralin 600 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 (IWM) techniques in conjunction with Genfarm Trifluralin 600 are always recommended. Agronomic practices that reduce the weed seed bank in the soil prior to the use of Genfarm Trifluralin 600 will result in higher weed control levels from Genfarm Trifluralin 600. Failure to use agronomic and IWM 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 IWM techniques will also reduce the potential for the development of survival of Group D herbicide resistance weed biotypes.

WILD OATS

Germinating wild oat seeds lying on soil surface will be controlled. Therefore, specific 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: Broadstrike, imazethapyr, chlorsulfuron, cyanazine, diruon, metribuzin, paraquat, simazine, triasulfuron and triallate.

Insecticides: Chlorpyrifos 500, endosulfan.

NOTE:

1. As formulations of other manufacturers' products are beyond the control of Genfarm all mixtures should be tested on a small scale before mixing in the spray tank.

2. Tank mixing instructions:

Fill the spray tank ¼ full of water and agitate. Add wettable powders and water dispersible granules first. Agitate until these are uniformly dispersed, meanwhile adding water until the tank is 90% full. Add suspension concentrates (flowables) then soluble concentrates. Emulsifiable concentrates go in last. Top off the tank with water and continue agitation until all the ingredients are properly mixed. Observe any mixing sequence instructions mentioned on the 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. An equipment cleaning product such as Spraymate Tank & Equipment Cleaner is suitable for this purpose and will also remove Genfarm Trifluralin 600 stains.

RESISTANT WEEDS WARNING

GROUP	D	HERBICIDE
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Genfarm Trifluralin 600 Selective Herbicide is a member of the dinitronilines group of herbicides. The product has the inhibitors of tubulin formation mode of action. For weed resistance management, Genfarm Trifluralin 600 is a Group D Herbicide.

Some naturally-occurring weed biotypes resistant to Genfarm Trifluralin 600 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 Genfarm Trifluralin 600 or other Group D herbicides.

Since the occurrence of resistant weeds is difficult to detect prior to use, Landmark Operations Limited accepts no liability for any losses that may result from the failure of Genfarm Trifluralin 600 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 local Landmark representative.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

DO NOT use in high winds.

DO NOT exceed rate 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 oil seed 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 a combination of following circumstances and the use of this product:

- Short coleoptile cultivars
- Use of seed dressings (except Vitavax)
- Shallow or uneven seedling depth

Drift Warning

DO NOT apply under weather conditions or from spraying equipment that may cause spray to drift onto nearby susceptible plants/crops, cropping lands or pastures.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

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

RE-ENTRY/RE-HANDLING STATEMENT

Do not allow entry into treated areas until the spray has dried, unless wearing cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant gloves. Clothing must be laundered after each day's use.

STORAGE AND DISPOSAL

Store in closed original container in a cool, well ventilated area. DO NOT store for prolonged periods in direct sunlight. Do not store below 5°C. Do not store near food, feedstuffs, fertilisers or seed. This container can be recycled if it is clean, dry, free of visible residues and has the **drumMUSTER** logo visible. Triple or pressure rinse container for disposal. Dispose of rinsate by adding to the spray tank. Do not dispose of undiluted chemicals on site. Wash outside of the container and the cap. Store cleaned container in a sheltered place with cap removed. It will then be acceptable for recycling at any **drumMUSTER** collection or similar container management site. The cap should not be replaced but may be taken separately. 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 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 (110L, 1000L): Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

SPILL AND LEAK MANAGEMENT

Do not touch or walk through spilled material. Wear a face shield or goggles, overalls buttoned to neck and wrist, chemical resistant gloves and footwear. Stop leak when safe to do so. Dam area and prevent entry into waterways, and drains. **Small spills/leaks:** Absorb with material such as sand, soil or sawdust. Collect spilled product and place in sealable container for disposal. Spill residues may be cleaned using water and detergent. Contain and absorb wash water for disposal. Absorb and collect washings and place in the same sealable container for disposal. Dam the area of large spills and report them to Genfarm.

SAFETY DIRECTIONS

Harmful if swallowed. Poisonous if inhaled. Will damage eyes. Will irritate the skin. May irritate nose and throat. Repeated exposure may cause allergic disorders. Avoid contact with eyes and skin. Do not inhale vapour or spray mist. If product or spray on skin, immediately wash area with soap and water. When opening the container, preparing spray and using the prepared spray, wear cotton overalls buttoned to the neck and wrist and a washable hat and elbow length chemical resistant gloves, goggles and half facepiece respirator. If product or spray in eyes wash it out immediately with water. 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, goggles, respirator and if rubber wash with detergent and warm water 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

For further information, refer to the Material Safety Data Sheet (MSDS) which is available from the supplier.

CONDITIONS OF SALE

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