

CAUTION

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

ALLFIRE

TRIFLURALIN 480

HERBICIDE

ACTIVE CONSTITUENT: 480g/L TRIFLURALIN
SOLVENT: 474g/L LIQUID HYDROCARBON

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| GROUP | D | HERBICIDE |
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A PRE-EMERGENCE HERBICIDE FOR THE CONTROL OF ANNUAL GRASSES
AND BROADLEAF WEEDS IN HORTICULTURAL AND AGRICULTURAL CROPS
AS LISTED IN THE DIRECTIONS FOR USE.

IMPORTANT: READ THE ATTACHED BOOKLET BEFORE USE

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

ALLFIRE ENTERPRISES PTY LTD
ACN 097 970 280

1/61 Dowd Street
WELSHPOOL WA 6106
Ph: 08 9258 5755 Fax: 08 9258 5766

GENERAL INSTRUCTIONS

THIS PRODUCT MUST BE INCORPORATED INTO THE SOIL WITHIN 4 HOURS OF APPLICATION

STORAGE AND DISPOSAL

Store in the closed, original container in a cool well-ventilated area away from children, animals, food, feedstuffs, seed and fertilisers. 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 containers 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 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirably vegetation and tree roots. Empty containers and product should not be burnt.

Returnable Containers (60,110,500,800 & 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. Will irritate the eyes and skin. Repeat exposure may cause allergic disorders. Sensitive workers should wear 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, 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 131126). If swallowed, DO NOT induce vomiting. Give a glass of water.

CONDITIONS OF SALE:

"Allfire Enterprises Pty Ltd shall not be liable for any loss, injury, damage or death whether consequential or otherwise whatsoever or howsoever arising whether through negligence or otherwise in connection with the sale, supply, use or application of this product. The supply of this product is on the express condition that the purchaser does not rely on Allfire's skill of judgment in purchasing or using the same and every person dealing with this product does so at his own risk absolutely. No representative of Allfire has any authority to add to or alter these conditions".

MATERIAL SAFETY DATA SHEET.

For further information refer to the Material Safety Data sheet.

Batch No:

Date of Manufacture:

APVMA Approval No:56711/20L/0406

APVMA Approval No:56711/110L/0406

APVMA Approval No:56711/200L/0406

APVMA Approval No:56711/1000L/0406

APVMA Approval No:56711/Bulk/0406

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WELSHPOOL WA 6106
Ph: 08 9258 5755 Fax: 08 9258 5766**

Draft Label for All Pack Sizes

DIRECTIONS FOR USE**1. FIELD CROPS**

| Situation & Crop | Weeds | 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 – 1.7L/ha | 1.25 – 1.7L/ha | 1.25 – 1.7L/ha | Use 1.25L/ha when applying immediately prior to sowing. Use 1.7L/ha when applying to dry soil before the planting rain |
| | Annual Ryegrass, Wireweed (Hogweed), Deadnettles, Wild Oats | Vic only | 800mL/ha plus 1L/ha Avadex Extra | | | 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 | 1.25L/ha | 1.25L/ha | 1.25L/ha | |
| | Amaranthus, Annual Ryegrass, Barnyard Grass, Caltrop, Crab Grass, Paradoxa Grass (Canary Grass), Pigweed, Wild Oats, Winter Grass, Wireweed, Suppression of Fumitory. | NSW, ACT only | 1.2 – 1.5L/ha | 1.5L/ha | 1.7L/ha | Apply from 4 weeks up to just prior to sowing. Refer Incorporation Table 3, 4 or 5 for suitable method of incorporation. |
| Adzuki Beans, Cowpeas, Lablab, Mung Beans, Borlotti Beans, Red Kidney Beans | | NSW, ACT, Qld only | | | | |
| 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 | 800mL/ha plus 1.8-2L Simazine 500g/L | | | Apply to bare moist soil and grate to a depth of 5cm 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 full reliable results, significant rainfall (20 or 30mm) 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 | 1.2L/ha | 1.5L/ha | 1.7L/ha | Apply from 4 weeks up to just prior to sowing. Refer Incorporation Table 3, 4 or 6 for suitable method of incorporation. |

| Situation & Crop | Weeds | State | Rate L/ha Soil type | | | Critical Comments |
|---|---|---------------------------------|------------------------|----------|----------|--|
| | | | Light | Medium | Heavy | |
| Lentils | Annual Phalaris, Annual Ryegrass, Wild Oats, Wireweed. | NSW, ACT only | 800mL/ha | 1.2L/ha | 1.2L/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 | 1.25L/ha | 1.25L/ha | 1.25L/ha | |
| 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 | 1.7L/ha | 1.7L/ha | 1.7L/ha | Apply to level seedbed 0 to 4 weeks before sowing. Refer to incorporation Table 6 for method of incorporation. |
| Cotton | Annual Ryegrass, Barnyard Grass, Canary Grass, Caltrop | Qld, NSW, WA only | 1.2L/ha | 1.7L/ha | 2.3L/ha | Spray between 6 weeks and just before sowing takes place. Refer Incorporation Table 1 & 2 for method of incorporation. |
| Legume Seed Crop Establishment - Annual Medics - Clover Berseem, Red, Strawberry (Sub & White) | (Bullhead/Yellow Vine), Crab Grass, Mossman Player Grass (Innocent Weed), Pigweed, Phalaris spp., 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 – Guinea | NSW, ACT, SA, WA, Vic, Tas only | 1.2L/ha | 1.2L/ha | 1.7L/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. |
| Lucerne – for hay and seed crops | Summer Grass, soil surface Wild Oats, Winter Grass, Wireweed (Hogweed), Black Pigweed (Qld only), From seed only: Columbus – Guinea | All States | | | | 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. |
| Linseed | Grass, Johnson Grass, Liverseed Grass (Urochloa) | NSW, ACT, SA, WA, Vic, only | 1.2L/ha | 1.5L/ha | 1.7L/ha | Spray 2-4 weeks before sowing. Sowing depth should be 1.3 to 2.5cm. 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 (Rapeseed), Safflower | | | | | | |
| Sugarcane Early Season | Weeds as listed above | Qld, NSW, ACT only | 3.0L/ha | 3.0L/ha | 3.0L/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. |
| Late Season | | | 2.3L/ha | 2.3L/ha | 2.3L/ha | |
| Sunflowers | | All States | 1.2L/ha | 1.5L/ha | 1.7L/ha | Spray between 4 weeks and just before sowing takes place. Refer Incorporation Table 3, 4 or 5 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. |

| Situation & Crop | Weeds | State | Rate L/ha Soil type | | | Critical Comments |
|---|---|-------------------------|--|---|----------------|---|
| | | | Light | Medium | Heavy | |
| Lupins | Weeds as listed above | All States | 1.2L/ha | 1.5L/ha | 1.7L/ha | 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 | 800mL/ha plus 3L/ha of Simazine 500g/L | | | Use a low volume boom applying 50-100 litres spray mixture per hectare. Apply to bare moist soil and incorporate to a depth of 5cm just prior to sowing the crop. Incorporate within 4 hours of application. Do not spray to a rigid soil. |
| | Capeweed, Turnip, Radish, Doublegee and Suppression of Annual Ryegrass and Wild Oats | WA only | 1.25L/ha plus 1-1.5L/ha of Simazine 500g/L | | | Rate for yellow sands. Refer to Incorporation Tables 11, 12 or 13. |
| | As above plus suppression of Brome Grass | | 1.25L/ha plus 2L/ha of Simazine 500g/L | | | Rate for all other soil types. Apply to bare moist soil and incorporate to a depth of 5cm 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 to 30mm) 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, Wild Radish, Wild Turnip plus suppression of Annual Ryegrass, Wild Oats and Brome Grass | | 1.25L/ha plus 2L/ha Diuron 500g/L | | | 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 – 1.7L/ha | 1.25 – 1.7L/ha | 1.25 – 1.7L/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's Purse, Toadrush, Turnips, suppression of Ice Plant & Soursob. | 1.25L/ha to 1.7L/ha plus 2 to 4L/ha of Simazine 500g/L | | | Use a low volume boom applying 50-100 litres spray mixture per hectare. Apply to bare moist soil and incorporate to a depth of 5cm just prior to sowing the crop. Incorporate within 4 hours of application. Do not apply to rigid soil | | |

| Situation & Crop | Weeds | State | Rate L/ha Soil type | | | Critical Comments |
|--|---|-------------------------|---|----------|----------|--|
| | | | Light | Medium | Heavy | |
| Tobacco | Summer Grass, Crowsfoot Grass, Red Natal Grass, Love Grass, Button Grass, Rhodes Grass, Pigweed. | Qld only | 800mL/ha | 1.2L/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 10cm. |
| | Crowsfoot Grass | NSW, ACT only | 800mL/ha | 1.2L/ha | 1.2L/ha | Apply to light sandy soil 14 to 21 days before transplanting. Do not incorporate to a depth greater than 6cm. Apply to loam (medium soil) 14 to 21 days before transplanting. DO NOT incorporate to a depth of greater than 6cm. |
| Wheat, Barley & Triticale Pre-Sowing Only | Annual Ryegrass, Wireweed (Hogweed), Phalaris spp. | NSW, ACT, WA & Vic only | 800mL/ha | 800mL/ha | 800mL/ha | Apply 1-4 weeks before sowing. Sowing depth should be at least 5cm. 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. |
| Pre-sowing | Fumitory | WA only | | | | |
| & Post sowing (self mulching soils) | Canary Grass | Vic only | | | | |
| | As above except for Fumitory | | | | | |
| Wheat | 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 5cm. Use cover harrows behind combine. Ground should be left flat. On self mulching soils as above except apply more than 4 weeks before sowing to prevent crop damage. Refer Incorporation Table 6 for method of incorporation. |
| Barley | | | | | | Apply to self mulching and non self mulching soils from 1-4 weeks before sowing. Sowing depth should be at least 5cm. Use cover harrows behind combine. Ground should be left flat. Refer Incorporation Table 6 for method of incorporation. |
| Wheat, Triticale, Rye | Annual Ryegrass, Red & White Fumitory, Phalaris spp, Wireweed, suppression of Deadnettle, Rough Poppy, Yellow Burr Weed | SA only | 1.25L/ha | 1.25L/ha | 1.25L/ha | Apply 14 weeks before sowing. Sowing depth should be at least 5cm. 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. |
| Barley | As above for SA plus Sand Fescue and suppression of Brome Grass | | | | | |
| Wheat & Triticale only | Annual Phalaris | NSW, ACT only | 100mL/ha plus 20g/ha Chlorsulfuron 750g/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: FOR USE IN NO-TILL/MIN TILL CROPPING SYSTEMS, PRE-SOWING OR INCORPORATED BY SOWING (IBS) (Using Incorporation Table 13)

| Situation & Crop | Weeds | State | Rate L/ha Soil type | | | Critical Comments |
|-----------------------------|--|----------------------------|--|--------|-------|--|
| | | | Light | Medium | Heavy | |
| Wheat, Barley and Triticale | Annual Ryegrass, Wireweed, Phalaris spp., Fumitory | WA, SA, VIC, NSW, ACT only | 1.5L-2L/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 | 1.25L-1.7L/ha plus 2L/ha Simazine 500g/L | | | Incorporate as per incorporation Table 13. |

2. 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, 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) | All states | 1.2L/ha | 1.7L/ha | 2.3L/ha | Spray between 4 weeks and just before sowing takes place. Refer Incorporation Table 3, 4 or 5 for suitable method of incorporation. |
| Direct Seeded only Broccoli Brussels Sprouts, Cabbage | | All states | | | | |
| Cauliflower | | Qld, Vic only | | | | |
| Carrots | | All states | | | | |
| Chicory | From seed only: Columbus Grass, | Vic only | | | | |
| Green Beans, Navy Beans | Guinea Grass, Johnson Grass, Liverseed Grass (Urochloa) | All states | 1.2L/ha | 1.5L/ha | 1.7L/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 the ground. Refer Incorporation Table 8 or 9 for suitable method of incorporation. |
| Soybeans | | | 1.2L/ha | 1.7L/ha | 2.3L/ha | |
| Orchards and Vineyards | | Qld, SA, WA, Vic, Tas only | | | | |

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 with minimum tillage sowing equipment (fitted with knife points or blades less than 12mm 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 10cm depth.
3. Rotary Hoe: 1 working required at 5-7.5cm depth. Sugar Cane: 7.5-13cm depth.
4. Offset OR Tandem Disc Harrows: (Preferably with spiked harrows in tandem) 2 workings at an angle required at 7.5-15cm depth at 6.5-10km per hour.
5. Heavy diamond OR Stump Jump Harrows: (Weighed 20-30kg per section) at 10 -13 km/hr speed. Then cross work with offset or tandem disc harrows set to 7.5-15cm depth at speed 6.5-10km per hour.
6. Weighted Heavy Diamond or Stump Jump Harrows (weighted with 20-30kg per section) at 10-13km per hour. Cross work with combine at 5-7.5cm depth at speed of 10-13km/hr.
7. Disc Ratoon Cultivator: 2 workings needed with discs and cultivator set at 7.5-13cm depth.
8. Offset OR Tandem Disc Harrows: Set at 7.5-15cm 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 7.5-13cm.
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. Incorporated by sowing (IBS) with knife or blade points. Use press wheels to avoid dragging treated soil back into the furrow. Maintain a slow to moderate speed, so that soil is not thrown into adjacent furrows. NOTE: Knife or blade point systems can result in poor weed control in the seed furrow, as chemical can be displaced from this zone. Stubble coverage above 40-50% ground cover can reduce weed control below acceptable levels. A knife or blade point is 12 mm or less, no wings, inverted T or blade and generally at a min of 8 inch tyne spacing.

COMPATIBILITY

Allfire Trifluralin 480 Herbicide is compatible with a range of herbicides including Avadex BW, Chlorsulfuron 750g/kg, Simazine 500g/L, Paraquat 250g/L, Simazine 900g/kg, Diuron 500g/L, Diuron 900g/kg, Triasulfuron 750g/kg, Broadstrike, Spinnaker, Bladex, Pix, Lexone.

Insecticides: Chlorpyrifos

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.

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 - 450L 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 made up spray mixture for long periods of time without agitation is not recommended. Under hot conditions and whenever possible spray and incorporate into the soil in one operation. Delay may cause inferior weed control. Use properly calibrated standard low pressure 170-340 kilopascal boom type sprayer with flat 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 Allfire Trifluralin is always recommended. Agronomic practices that reduce the weed seed bank in the soil prior to the use of Allfire Trifluralin will result in higher weed control levels from Allfire 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 oats seeds lying on soil surface will 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.

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 |
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ALLFIRE TRIFLURALIN 480 Herbicide is a member of the DINITRONILINES group of herbicides. ALLFIRE TRIFLURALIN 480 has the INHIBITORS OF TUBULIN FORMATION mode of action. For weed resistance management ALLFIRE TRIFLURALIN 480 is a Group D Herbicide. Some naturally-occurring weed biotypes resistant to ALLFIRE TRIFLURALIN 480 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 CHEMAG TRICHEM 480 or other Group D Herbicides.

Since the occurrence of resistant weeds is difficult to detect prior to use, Allfire Enterprises Pty Ltd accepts no liability for any losses that may result from the failure of ALLFIRE TRIFLURALIN 480 to control resistant weeds.

PROTECTION OF, WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT.

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

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, millet, Phalaris spp., rye grass, 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 are low as 0.02ppm 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 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 meteorological conditions or from spraying equipment which could be expected to cause spray drift onto nearby susceptible plants, adjacent crops, crop lands or pastures.

STORAGE AND DISPOSAL

Store in the closed, original container in a cool well-ventilated area away from children, animals, food, feedstuffs, seed and fertilisers. 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 containers 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 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirably vegetation and tree roots. Empty containers and product should not be burnt.

Returnable Containers (60,110,500,800 & 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. Will irritate the eyes and skin. Repeated exposure may cause allergic disorders. Sensitive workers should use protective clothing. Avoid contact with the 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, 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 131126). If swallowing, DO NOT induce vomiting. Give a glass of water.

CONDITIONS OF SALE

“Allfire Enterprises Pty Ltd shall not be liable for any loss, injury, damage or death whether consequential or otherwise whatsoever or howsoever arising whether through negligence or otherwise in connection with the sale, supply, use or application of this product. The supply of this product is on the express condition that the purchaser does not rely on Allfire’s skill of judgment in purchasing or using the same and every person dealing with this product does so at his own risk absolutely. No representative of Allfire has any authority to add to or alter these conditions”.

MATERIAL SAFETY DATA SHEET.

For further information refer to the Material Safety data Sheet.
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