

Product Name: ACCENSI TRIFLURALIN 530 SELECTIVE HERBICIDE

APVMA Approval No: 62248/127837

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| Label Name: | ACCENSI TRIFLURALIN 530 SELECTIVE HERBICIDE |
| Signal Headings: | CAUTION |
| | KEEP OUT OF REACH OF CHILDREN |
| | READ SAFETY DIRECTIONS BEFORE OPENING OR USING |
| Constituent | 530 g/L TRIFLURALIN |
| Statements: | 343 g/L HYDROCARBON LIQUID |
| Mode of Action: | GROUP D HERBICIDE |
| Statement of Claims: | 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. |
| Net Contents: | 20-1000L |
| Restraints: | |
| | |
| Directions for Use: | This section contains file attachment. |
| | |
| Other Limitations: | |
| | |

Trade Advice: EXPORT OF TREATED PRODUCE

Growers should note that maximum residue limits (MRLs) or import tolerances may not exist in all markets for edible produce treated with this product. If you are growing edible

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produce for export, please check with Accensi Pty Ltd for the latest information on MRLs and import tolerances before using this product.

General Instructions:

This section contains file attachment.

Resistance Warning:

RESISTANT WEEDS WARNING GROUP D HERBICIDE

Trifluralin 530 is a member of the Dinitroaniline group of herbicides. Trifluralin 530 has the inhibitors of microtubule formation mode of action. For weed resistance management Trifluralin 530 is a Group D herbicide. Some naturally occurring weed biotypes resistant to Trifluralin 530 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 Trifluralin 530 or other Group D herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use Accensi Pty Ltd accepts no liability for any losses that may result from the failure of Trifluralin 530 to control resistant weeds.

Precautions:

Protections:

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 0.02ppm 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 use of this product - Short Coleoptile cultivars; Use of seed dressings

PROTECTION OF CROPS, NATIVE AND OTHER NON TARGET PLANTS

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 product or used container.

Storage and Disposal:

Store in the closed, original container in a dry, well-ventilated area out of direct sunlight. Do not store below 5°C. Extended storage below 5°C can result in the formation of crystals at the bottom of the container. If crystallisation does occur, store the container on its side at room temperature and rock occasionally until crystals re-dissolve. Ensure any crystals are dissolved before adding to the spray tank.

FOR NON-REFILLABLE CONTAINERS:

(except Vitavax); Shallow or uneven seedling depth.

Triple-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 deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose, clear of waterways, desirable vegetation and tree roots, in compliance with relevant local, state or territory government regulations. Do not burn empty containers or product.

FOR REFILLABLE CONTAINERS:

Store in the closed, original container in a dry, cool, well-ventilated area out of direct sunlight. 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. May irritate the nose and throat. Will irritate the skin. Repeated exposure may cause allergic disorders. Avoid contact with eyes and skin. Do not inhale vapour or spray mist. When opening the container and preparing spray, wear cotton overalls buttoned to the neck and wrist, a washable hat, elbow-length chemical resistant gloves, goggles and half face piece respirator. When using the prepared spray, wear cotton overalls buttoned to the neck and wrist, a washable hat and elbow-length chemical resistant gloves. If product or spray in eyes, wash it out immediately with water. If product or spray on skin, immediately wash area with soap and 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 Instructions:

If poisoning occurs contact a doctor or Poisons Information Centre (Phone Australia: 13 11 26). If swallowed DO NOT induce vomiting. If in eyes wash out immediately with water.

| First Aid Warnings: | |
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DIRECTIONS FOR USE

1. FIELD CROPS

| Situation 9 Cran | Weeds | State | | Rate / Soil Ty | ре | Critical Comments |
|--|--|---|--|------------------|------------------|---|
| Situation & Crop | vveeds | State | Light | Medium Heav | Heavy | - Critical Comments |
| Chickpeas | Annual Ryegrass, Paradoxa Grass (Canary Grass), Wireweed (Hogweed) Black Pigweed, Suppression of Climbing Buckwheat (Black Bindweed), soil surface Wild Oats | Qld only | 1.15-1.5 L/ha | 1.15-1.5 L/ha | 1.15-1.5 L/ha | Use 1.15L/ha when applying immediately prior to sowing. Use 1.5L/ha when applying to dry soil before the planting rain |
| | Annual Ryegrass, Wireweed (hogweed), Deadnettles | Vic only | 750mL/ha p 400EC | lus 1.5L/ha of | Tri-allate | 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 | 1.15L/ha | 1.15L/ha | 1.15L/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 | 1.05-1.4 L/ha | 1.05-1.4 L/ha | 1.6L/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 soil surface Wild Oats | SA, WA only | 750mL/ha plus 1.1 kg/ha Simazine 900WDG | | Simazine | 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 ridged or excessively cloddy soil. For full reliable results, significant rainfall (20 or 30mm) is necessary within 2-3 weeks of application. |

| Cituation 9 Cran | Weeds | State | | Rate / Soil Ty | /ре | Orbita at Oassessanta |
|------------------|---|---------------|----------|----------------|----------|--|
| Situation & Crop | | State | Light | Medium | Heavy | Critical Comments |
| 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 | 1.05L/ha | 1.4L/ ha | 1.5L/ha | Apply between 4 weeks and just before sowing. Refer to Incorporation Table 3, 4 or 6 for suitable method of incorporation. |
| Lentils | Annual Phalaris, Annual Ryegrass, soil surface Wild Oats, Wireweed | NSW, ACT only | 750mL/ha | 1.1L/ ha | 1.1L/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 | 1.15L/ha | 1.15L/ha | 1.15L/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 | 1.5L/ha | 1.5L/ha | 1.5L/ha | Apply to level seedbed 0 to 4 weeks before sowing. Refer to incorporation Table 6 for method of incorporation |

| Cityotian 9 Cran | Weeds | Ctata | | Rate / Soil Ty | ре | Critical Comments |
|--|---|---------------------------------------|----------------------|-----------------------|--------------------|--|
| Situation & Crop | weeds | State | Light | Medium | Heavy | Critical Comments |
| Cotton | Annual Ryegrass, Barnyard Grass, Canary Grass, Caltrop (Bullhead/ | Qld NSW, ACT WA only | 1.05L/ha | 1.6L/ ha | 2.1L/ha | Spray between 6 weeks and just before sowing takes place. Refer incorporation Table 1 & 2 for method of incorporation |
| Legume Seed Crop Establishment | Yellow Vine), Crab grass, Fumitory, Mossman River Grass (Innocent Weed), Pigweed, Phalaris spp., | NSW, ACT, SA, WA, Vic, Tas only | 1.05L/ha 1.05L/ha | 1.05L/ ha 1.6L/ ha | 1.6L/ha 1.6L/ha | Autumn Sowing - Apply from 4 weeks to 7 days before sowing takes place. Refer Incorporation Table 6 for method of incorporation. |
| - Annual Medics - Clover Berseem, Red, Strawberry (Sub & White) | Redroot (Amaranthus), Redshank (Prince of Wales Feather), Summer Grass, soil surface Wild Oats, Winter Grass, Wireweed (Hogweed), Black Pigweed (Qld only), | | | | | Spring Sowing - Apply between 4 weeks and 3 days before sowing takes place. Refer Incorporation Table 6 for method of incorporation. |
| , | from seed only: Columbus Grass, Guinea Grass, Johnson Grass, Liverseed Grass (Urochloa) | | | | | 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 |
| Lucerne – for hay and seed crop | | All States | | | | product. Temporary crop suppression could result. |
| Linseed | | NSW, ACT, SA, WA, Vic only | 1.05L/ha | 1.4L/ ha | 1.6L/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 |
| Canola, Safflower, Mustard | | | | | | incorporation. |
| (oilseed cultivars) (Brassica juncea) | | | | | | |

| Cituation 9 Cran | Weeds | State | | Rate / Soil Ty | pe | Critical Comments |
|--|--|----------------------------|--|----------------------|---------------------|---|
| Situation & Crop | weeds | State | Light | Medium | Heavy | Critical Comments |
| Sugarcane Early season Late season | Weeds as listed above | Qld, NSW, only | 2.6L/ha 2.10L/ha | 2.6L/ha 2.10L/ ha | 2.6L/ha 2.10L/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 | 1.05L/ha | 1.4L/ ha | 1.6L/ha | Spray between 4 weeks and just before sowing takes place. Refer Incorporation Table 3, 4 or 5 for method of incorporation |
| Lupins | | | | | | Spray between 4 weeks and just before sowing takes place. Refer Incorporation Table 6 for method of incorporation. WA only: Use the higher rate for heavier stubble coverage. Stubble coverage above 40-50% ground cover can reduce weed control below acceptable levels. Refer Point 13 for method of incorporation. |
| | Annual Grasses and Broadleaf Weeds | NSW, ACT, Vic, Qld only | 750mL/ha plus 1.7 kg/ha of Simazine 900WDG | | | 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 drop. Incorporate within 4 hours of application. Do not spray to a ridged soil. |
| | Capeweed, Turnip, Radish, Doublegee and Suppression of Annual Ryegrass and Wild Oats | WA only | 1.15L/ha plus 560-830g /ha of Simazine 900WDG 1.15L/ha plus 1.1kg/ha of Simazine 900WDG | | na of Simazine | Rate for Yellow Sands. Refer to incorporation Tables 11, 12, or 13. |
| | As above plus suppression of Brome Grass | | | | Simazine | 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. |

| 011 - 111 - 0 0 | | 01.11 | | Rate / Soil Ty | /pe | 0.11.10 |
|--|--|----------------------------|---|----------------------|-------------|---|
| Situation & Crop | Weeds | State | Light | Medium | Heavy | Critical Comments |
| Lupins cont. | Capeweed, Doublegee, Wild Radish Wild Turnip plus suppression of Annual Ryegrass, Wild Oats and Brome Grass | WA only | 1.15L/ha plus 2L/ha of Diuron 500 Flowable | | | 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 Point 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 | 1.15L/ha- 1.5L/ha | 1.15L/ha- 1.5L/ha | 1.2-1.6L/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 | | 1.15L/ha to 1.5L/ha plus 1.1 to 2.2kg/ha of Accensi Simazine 900WDG | | | 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 ridged soil. |
| Tobacco | Summer Grass, Crowsfoot Grass, Red Natal Grass, Love Grass, Button Grass, Rhodes Grass, Pigweed | Qld only | 750mL/ha | 1.05L/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 | 750mL/ha | 1.05L/ha | 1.05L/ha | Apply to light sandy soil 14 to 21 days before transplanting. Apply to loam (medium soil) 14 to 21 days before transplanting. DO NOT incorporate to a depth of greater than 6cm. |
| Wheat, Barley & Triticale | Annual Ryegrass, Wireweed (Hogweed), Phalaris spp. | NSW, ACT, WA & Vic only | 750mL/ha | 750mL/ha | 750mL/ 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 |
| | Fumitory | WA only | - | | | control of wild oats. Refer Incorporation Table 6 for method of incorporation. |
| Pre-Sowing Only | Canary Grass | Vic only | | | | |
| Pre-Sowing & Post-sowing (self mulching soils) | As above except for Fumitory | Vic only | | | | 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. |

| Cituatian 9 Cran | Woodo | State | | Rate / Soil Ty | pe | Critical Comments |
|--------------------------|--|---------------|--|----------------|--------------------|---|
| Situation & Crop | Weeds | State | Light | Medium | Heavy | - Critical Comments |
| Wheat | Annual Ryegrass, Paradoxa Grass (Canary Grass), Wild Oats, Wireweed (Hogweed) | Qld only | 750mL/ha | 750mL/ha | 750mL/ha 750mL/ 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 cow harrows behind combine. Ground should be left flat. Refer Incorporation Table 6 for suitable method of incorporation. |
| Wheat, Triticale, Rye | Annual Ryegrass, Red & White Fumitory, Phalaris spp, Wireweed, suppression of Deadnettles, Rough Poppy, Yellow Burr Weed | SA only | | | | 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 |
| Barley | As above for SA plus Sand Fescue and suppression of Brome Grass | | 1.15L/ha | 1.15L/ha | 1.15L/ha | control of wild oats. Refer Incorporation Table 6 for method of incorporation. |
| Wheat & Triticale only | Annual Phalaris | NSW, ACT only | 750mL/ha plus 20g/ha Accolade Selective 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. |

2. VEGETABLES, ORCHARDS AND VINEYARDS

| Weeds 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, | State All states | Light 1.05L/ha | Medium 1.6L/ha | Heavy 2.1L/ ha | Critical Comments Spray between 4 weeks and just before sowing takes place. Refer Incorporation Table 3, 4 or 5 for suitable method of |
|---|---|--|--|--|---|
| Canary Grass, Caltrop (Bullhead, Yellow Vine), Crab Grass, Mossman River Grass (Innocent Grass) Pigweed, Redroot (Amaranthus), Redshank (Prince of Wales feather), Summer | All states | 1.05L/ha | 1.6L/ha | 2.1L/ ha | Refer Incorporation Table 3, 4 or 5 for suitable method of |
| Wireweed (Hogweed) From seed only: Columbus Grass, | Vic, Qld only | - - | | | incorporation. |
| | | | | | |
| (| • | 1.05L/ha | 1.4L/ha | 1.51 / ha | 4 |
| | All states | 1.000/118 | 1.42/114 | 1.5L/ 11a | |
| | | 1.05 L/ha | 1.5 L/ha | 2.1 L/ha | _ |
| | Qld, SA, WA, Vic, Tas only | 1.05L/ha | 1.6Lha | 2.1L/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 for suitable method of incorporation |
| Wintergrass (Poa annua) | All States | | 1.27 L/ha | | Broadcast spray to the soil surface between 4 weeks prior to, and just before sowing, using calibrated boom sprayer or similar equipment. Product must be incorporated into the soil within 4 hours of application using either a rotary hoe or disc technique. Apply a maximum one (1) application per crop using spray |
| | Wireweed (Hogweed) From seed only: Columbus Grass, Guinea Grass, Johnson Grass, Liverseed Grass (Urochloa) Wintergrass (Poa annua) | Wintergrass (Poa annua) From seed only: Columbus Grass, Guinea Grass, Johnson Grass, Liverseed Grass (Urochloa) Vic, Qld only All states Vic only All states Qld, SA, WA, Vic, Tas only All States | Wireweed (Hogweed) From seed only: Columbus Grass, Guinea Grass, Johnson Grass, Liverseed Grass (Urochloa) All states Vic only All states 1.05L/ha Qld, SA, WA, Vic, Tas only Wintergrass (Poa annua) All States All States | Wireweed (Hogweed) From seed only: Columbus Grass, Guinea Grass, Johnson Grass, Liverseed Grass (Urochloa) All states Vic only All states 1.05L/ha 1.4L/ha Qld, SA, WA, Vic, Tas only Wintergrass (Poa annua) All States 1.27 L/ha | Wireweed (Hogweed) Vic, Qld only From seed only: Columbus Grass, Guinea Grass, Johnson Grass, Liverseed Grass (Urochloa) All states Vic only 1.05L/ha 1.4L/ha 1.5L/ ha All states 1.05 L/ha 1.5 L/ha 2.1 L/ha Qld, SA, WA, Vic, Tas only 1.05L/ha 1.6Lha 2.1L/ha |

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

GENERAL INSTRUCTIONS

THIS PRODUCT MUST BE INCORPORATED INTO THE SOIL WITHIN 4 HOURS OF APPLICATION EXCEPT 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 (weighted 20-30kg per section) at 10-13 km/h 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 5-10cm depth.
- 10. Offset Discs (Bumpers): 2 workings needed at depth of 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. 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 is 12mm or less, has no inverted wings, inverted T or blade, and is generally placed on a minimum 8 inch tyne spacing. **c.** Do not use with disc openers/planting equipment.

MIXING

This product is an emulsifiable concentrate which mixes readily with water. Add the recommended amount to the spray tank during filing operation and apply 70-450L 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 boom sprayer 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. 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 are always recommended. Agronomic practices that reduce the weed seed bank in the soil prior to the use of Trifluralin 530 will result in higher weed control levels from Trifluralin 530. 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 750g/kg, Triasulfuron 750g/kg, Diuron 900 DF, Simazine 500g/L, Simazine 900 WDG, Glyphosate 450, Paraquat 250, Paraquat/Diquat 250, Broadstrike, Spinnaker, Bladex, Mepiquat 38g/L, Stacato (Metribuzin),

Insecticides: Chlorpyrifos 500 EC, Endosulfan 350 EC.

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.