POISON

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

Dow AgroSciences

Tordon™ RegrowthMaster

Herbicide

ACTIVE CONSTITUENTS: 200 g/L TRICLOPYR present as the triethylamine salt
100 g/L PICLORAM present as the triisopropanolamine salt
25 g/L AMINOPYRALID present as the triisopropanolamine salt

GROUP I HERBICIDE

For the control of unwanted timber by stem injection or cut stump/brushcutter application and control of blackberry, gorse and harrisia cactus by foliage spray as specified in the Directions for Use.

SHAKE WELL BEFORE USE.

Specimen Label

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CUSTOMER SERVICE TOLL FREE 1-800 700 096
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DIRECTIONS FOR USE

RESTRAINTS

DO NOT treat trees with poor sap flow.

DO NOT apply to plants which may be stressed (not actively growing) due to prolonged periods of extreme cold, moisture stress (water-logged or drought affected) or previous herbicide treatment, as reduced levels of control may result.

DO NOT apply close to or on areas containing roots of desirable vegetation, where treated soil may be washed to areas growing, or to be planted with desirable plants.

DO NOT apply on sites where surface water from heavy rain can be expected to run off to areas containing or to be planted to susceptible crops or plants.

DO NOT move soil which has been sprayed, to areas where desirable plants are to be grown.

DO NOT burn treated areas for 9 months after application or mechanically clear treated areas for at least 12 months after application.

For High Volume spraying, **DO NOT** spray if rain is likely within 1 hour or if foliage is wet from rain or dew.

Table A: Stem Injection Application
DILUTION RATE: Mix 1 part Tordon RegrowthMaster Herbicide with 4 parts water.
See GENERAL INSTRUCTIONS - APPLICATION section for application method details.

AGRICULTURAL NON-CROP AREAS, COMMERCIAL AND INDUSTRIAL AREAS, FORESTS, PASTURES AND RIGHTS-OF-WAY.				
WEEDS CONTROLLED	**WEED GROWTH SIZE**	**STATE**	**APPLICATION RATE**	**CRITICAL COMMENTS**
Acacia, *Angophora*, *Casuarina*, *Corymbia*, *Eucalyptus* (except Yellow Box), *Lophostemon* and *Melaleuca* species Camphor Laurel.	**Single stems less than 25 cm diameter at base** (Waist height application).	All States	1 mL of diluted chemical per cut @ 10 to 13 cm centres.	**NOTE:** Control of *Casuarina* and *Lophostemon* species may be variable. Use ground level application to reduce variability. **DO NOT** exceed the spacing's shown from the centre of one cut to centre of the next cut. Inject each stem of a multi-stem tree where possible. Injection at or near ground level is essential in the Traprock area of south-eastern Queensland and is preferred for optimum results in Poplar box areas. In areas where experience has shown that results are variable because species are harder to kill or due to marginal soil and/or climate factors, higher doses may improve control. Contact Dow AgroSciences for more detail.
	Single stems less than 25 cm diameter at base (Ground level application).		1 mL of diluted chemical per cut @ 12 to 15 cm centres.	
	Multiple stems or more than 25 cm diameter at base (Waist height application).		2 mL of diluted chemical per cut @ 10 to 13 cm centres.	
	Multiple stems or more than 25 cm diameter at base (Ground level application).		2 mL of diluted chemical per cut @ 12 to 15 cm centres.	

Table B: Cut Stump/Brushcutter Application
See GENERAL INSTRUCTIONS - APPLICATION section for application method details.

AGRICULTURAL NON-CROP AREAS, COMMERCIAL AND INDUSTRIAL AREAS, FORESTS, PASTURES AND RIGHTS-OF-WAY.				
WEEDS CONTROLLED	**WEED GROWTH SIZE**	**STATE**	**RATE /10 L WATER**	**CRITICAL COMMENTS**
Acacia, *Angophora*, *Casuarina*, *Corymbia*, *Eucalyptus* (except Yellow Box), and *Lophostemon* species.	Cut stem as close to the ground as possible, leaving stump no higher than 10 cm.	All States	500 mL	**NOTE:** Control of *Casuarina* and *Lophostemon* species may be variable. If cut surface is oily, add wetting agent (e.g. BS®1000) at 100 mL/100 L water for improved penetration.

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Table C: High Volume Spraying
See GENERAL INSTRUCTIONS - APPLICATION section for application method details.

AGRICULTURAL NON-CROP AREAS, COMMERCIAL AND INDUSTRIAL AREAS, FORESTS, PASTURES AND RIGHTS-OF-WAY.				
WEEDS CONTROLLED	**WEED GROWTH STAGE**	**STATE**	**RATE /100 L WATER**	**CRITICAL COMMENTS**
Blackberry	Late spring to autumn	All States except NT	500 mL	Always add an adjuvant (see COMPATIBILITY section for details) Where herbicides other than Group I herbicides have been used, allow two seasons regrowth to occur before re-spraying with Tordon™ RegrowthMaster Herbicide.
Gorse	September to March when actively growing	NSW, Vic, SA and Tas only	375 mL	Treat any regrowth in the following season. Use a minimum of 3000-4000 L of spray mixture/ha for dense gorse.
Harrisia cactus		Qld only	2.5 L	Treat all stems thoroughly.

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

FOR NATIVE VEGETATION

Use of Tordon RegrowthMaster Herbicide on native vegetation must be done in accordance with STATE and/or LOCAL legislation.

WITHHOLDING PERIOD: NOT REQUIRED WHEN USED AS DIRECTED.

LIVESTOCK DESTINED FOR EXPORT MARKETS

The grazing withholding period only applies to stock slaughtered for the domestic market. Some export markets apply different standards. To meet these standards, ensure that in addition to complying with the grazing withholding period, that the Export Slaughter Interval, Export Grazing Interval or Export Animal Feed Interval is observed before stock are sold or slaughtered.

EXPORT SLAUGHTER INTERVAL (ESI) – 3 days:

After observing the grazing withholding period, livestock that has been grazed on or fed treated pasture should be placed on clean feed for 3 days prior to slaughter.

EXPORT GRAZING INTERVAL (EGI) – 42 days:

Livestock that has been grazing on treated pasture should not be sold for export slaughter for 42 days (6 weeks) after application of the chemical product, unless the export slaughter interval has been observed.

EXPORT ANIMAL FEED INTERVAL (EAFI) – 42 days:

Do not cut treated pasture for 42 days (6 weeks) after application of the chemical product for stock feed or animals intended to be slaughtered for export.

When Tordon RegrowthMaster Herbicide is used as directed and the above withholding periods and/or export intervals are observed, livestock commodities are considered acceptable for export. However, export requirements are subject to change. Consult your exporter for updated information about specific market requirements.

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GENERAL INSTRUCTIONS

MINIMUM RECROPPING PERIODS

Picloram and aminopyralid remain active in the soil for extended periods depending on rate of application, soil type (clay content), rainfall, temperature, humidity, soil moisture and soil organic matter. For large areas treated with high volume spray, please contact your local Dow AgroSciences Representative for applicable re-cropping intervals.

COMPATIBILITY

Tordon RegrowthMaster Herbicide is compatible with the following adjuvants for high volume applications:

Hasten® @ 500 mL/100 L water
Supercharge® @ 500 mL/100 L water
Uptake™ Spraying Oil @ 500 mL/100 L water.

Not all surfactants or crop oils are of equal quality, Dow AgroSciences does not support the use of alternative products other than those listed in the compatibility section or DIRECTIONS FOR USE table.

MIXING

Mix only with water. Tordon RegrowthMaster will not mix with oil or diesel fuel.

Only mix sufficient solution for immediate daily use and avoid storing diluted product.

A. Stem Injection Application

Mix one part Tordon RegrowthMaster Herbicide with 4 parts clean water. Agitate well before commencing work. After use, clean equipment thoroughly and rinse several times with water.

B. High Volume Application

Half fill the spray unit with water, and add the required amount of Tordon RegrowthMaster Herbicide. Add the remaining water with the agitator running. If required, then add spray oils or wetters (surfactants). Maintain mechanical or by-pass agitation in the spray tank during spraying.

APPLICATION

A. Stem Injection Application

Waist Height Application

To make an injection pocket at waist height, use a ¾ length axe with a blade width of 5 to 7 cm. The cut for stem injection must be through the bark and deep enough to place all the chemical in contact with the sap wood.

The chemical must be applied immediately after the dose pocket is made. Apply chemical with a Phillips 5 mL vaccinator fitted with a tree injector kit which can be accurately calibrated. Set vaccinator to deliver 1 mL of herbicide mix.

When treating regrowth less than the width of the axe, ensure chemical does not run out the sides of the cut, as reduced control will result. This can be overcome by using the corner of the axe to make the pocket in the stem or treating by cut stump application.

Ground Level Application

To make an injection pocket at ground level use a narrow blade axe, as described for waist height application, or a C.M.B. Engineering Tree Injector designed for this application method.

When using the Tree Injector, make sure that the pump handle is held in whilst striking the tree, otherwise unnecessary strain will be placed on the pump and valve, and chemical will be ejected onto the bark. Use injector with groove in blade uppermost. Strike tree, cutting through bark to sapwood. Lower the upper end of the injector to open the cut, then move pump handle out and in to inject the dose. A smooth action will give better results than a quick "snapping" action.

The chemical must be applied immediately after the dose pocket is made.

B. Cut Stump/Brushcutter Application

All stems should be cut less than 10 cm above the ground. Cut and treat all suckers below the main stem cut height.

Immediately apply Tordon RegrowthMaster Herbicide/water mixture **liberally** to the **freshly cut** stump by spraying/painting the cut surface and sides of the stem.

If cut surface is oily, add a 100% non-ionic surfactant (e.g. BS-1000) at 100 mL/100 L water to improve penetration.

When using a brushcutter with a herbicide attachment, read all safety and operating instructions in the brushcutter manual prior to use of the equipment.

When using equipment with EcoBlade® technology, consult first with a Dow AgroSciences representative. Adjust dilution rate to account for tractor speed and blade revolution to ensure the rate of Tordon RegrowthMaster concentrate applied is the same as would be applied in stem injection of the same regrowth.

When using a vaccinator to apply to cut stems use the Stem Injection dilution and rates. Mix 1 part Tordon RegrowthMaster Herbicide with 4 parts water, then apply an equivalent rate (no. of mL) to the cambium of the cut stem as indicated by the Stem Injection Application Rate column depending on stem number and diameter as per the Weed Growth column.

C. High Volume Spraying

Weeds need to be actively growing for herbicides to have optimum effect. In areas that have been bulldozed, slashed, burnt, ploughed or previously treated with chemical, wait until all regrowth has reached approximately 1 metre before treating.

Thorough coverage of foliage to the point of run-off is essential, however, avoid excess spraying which is wasteful of chemical.

Hand Gun (blackberry and gorse)

Apply the recommended mix to give full coverage of leaves and stems using a coarse to very coarse quality spray e.g. using No. 6 to 8 tips at 700 to 1500 kPa. To obtain good coverage, a spray volume of 3000 L water/ha is required. A spray volume of 3000 L to 4000 L per infested hectare of 1 to 2 metre high gorse and blackberry (30 L to 40 L/100 m^2) should be used.

Knapsack (harrisia cactus only)

Apply the recommended spray mix to give a full coverage of all stems from the crown. Treatment should start from the end of each stem to the centre of the plant, with a final dose to the plant crown.

Complete coverage of every stem is required for adequate control.

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CLEANING HIGH VOLUME SPRAY EQUIPMENT

Rinse water should be discharged onto a designated disposal area or, if this is unavailable, onto wasteland away from desirable plants and water courses.

Rinsing

After using Tordon RegrowthMaster Herbicide, empty the spray equipment completely and drain the whole system. Thoroughly wash inside the unit using a pressure hose if necessary. Drain the spray unit and clean any filters in the tank, pump, lines, hoses and nozzles.

After cleaning the spray unit as above, quarter fill with clean water and circulate through the pump, lines, hoses and nozzles. Drain and repeat the rinsing procedure twice.

Decontamination

Before spraying cotton and other sensitive crops with equipment that has been used to apply Tordon RegrowthMaster Herbicide, see PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS section.

Wash the tank and rinse the system as above. Then quarter fill the tank and add standard alkali based laundry detergent at 500 g (or mL)/100 L water and circulate throughout the system for at least 15 minutes. If using a concentrated laundry detergent use 250 g (or mL)/100 L water. Do not use chlorine based cleaners.

Drain the whole system. Remove filters and nozzles and clean them separately. Finally flush the system with clean water and allow to drain.

RESISTANT WEEDS WARNING

GROUP I HERBICIDE

Tordon RegrowthMaster Herbicide is a member of the pyridines group of herbicides. The product has the disrupters of plant cell growth mode of action. For weed resistance management the product is a Group I herbicide.

Some naturally occurring weed biotypes resistant to the product and other Group I 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 this product or other Group I herbicides.

Since the occurrence of resistant weeds is difficult to detect prior to use, Dow AgroSciences accepts no liability for any losses that may result from the failure of this product to control resistant weeds.

Strategies to minimise the risk of herbicide resistance are available. Contact your farm chemical supplier, consultant, local Department of Agriculture or local Dow AgroSciences representative.

PRECAUTION: Re-entry period

DO NOT enter treated areas until 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.

PROTECTION OF CROPS, NATIVES AND OTHER NON-TARGET PLANTS

Crops susceptible to Tordon RegrowthMaster Herbicide include, but are not limited to: mushrooms, peas, lupins, lucerne, navy beans, peanuts, soybeans and other legumes; cotton, flowers, fruit, hops, ornamentals, shade trees and *Pinus* spp., potatoes, safflower, sugarbeet, sunflower, tobacco, tomatoes, vegetables and vines. **DO NOT** use on land to be cultivated for growing susceptible crops for up to 24 months after applying Tordon RegrowthMaster.

Tordon RegrowthMaster Herbicide is damaging to susceptible crops during both growing and dormant periods. Grasses are normally unaffected and establish quickly after treatment.

Picloram and aminopyralid, two of the active constituents in this product can remain active in the soil for extended periods depending on soil type and application rate, rainfall, temperature, humidity, soil moisture and soil organic matter.

DO NOT allow physical spray drift onto waterways, native vegetation and susceptible crops.

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

DO NOT apply close to, or on areas, containing roots of desirable vegetation, where treated soil may be washed onto areas growing (or areas to be planted with) desirable plants.

DO NOT apply on sites where surface water from heavy rain can be expected to run off to areas containing, or to be planted with susceptible crops or plants.

DO NOT move soil which may have been treated to areas where desirable plants are to be grown.

PROTECTION OF LIVESTOCK

With high volume spraying, poisonous plants may become more palatable after spraying and stock should be kept away from these plants until they have died down.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

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

Specimen Label

STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well-ventilated area.

DO NOT store for prolonged periods in direct sunlight.

DO NOT store near food, feedstuffs, fertilisers, seed, insecticides, fungicides or other pesticides.

This container can be recycled if it is clean, dry, free of visible residues and has the ***drum****MUSTER* 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 ***drum****MUSTER* 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 deliver empty packaging for appropriate disposal 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.

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 Dow AgroSciences Emergency Services at 1-800 033 882.

SAFETY DIRECTIONS

- May irritate the skin. Will irritate the eyes. Avoid contact with the eyes and skin.
- DO NOT inhale spray mist.
- If product sprayed in eyes, wash it out immediately with water.
- When preparing spray and using the product, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), a washable hat, elbow length chemical resistant gloves and 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 contaminated clothing, gloves and goggles.

FIRST AID

If poisoning occurs, contact a doctor, or Poisons Information Centre. Phone: *Australia* 13 11 26.

If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

MATERIAL SAFETY DATA SHEET

Additional information is listed on the Material Safety Data Sheet for **TORDON™ REGROWTHMASTER HERBICIDE** which is available from Dow AgroSciences on request. Call Customer Service Toll free on 1-800 700 096 or visit www.dowagrosciences.com.au

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EMERGENCY RESPONSE (ALL HOURS)
RING FROM ANYWHERE IN AUSTRALIA
1-800 033 882
(LOCAL CALL FEE ONLY)

IN A TRANSPORT EMERGENCY ONLY
DIAL 000
FOR POLICE OR FIRE BRIGADE

drumMUSTER eligible container

Specimen Label