



Product Name: TORDON REGROWTHMASTER HERBICIDE
APVMA Approval No: 67378/145117

Label Name:	TORDON REGROWTHMASTER HERBICIDE
Signal Headings:	POISON KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING
Constituent Statements:	200 g/L TRICLOPYR AS THE TRIETHYLAMINE SALT 100 g/L PICLORAM AS THE TRIISOPROPANOLAMINE SALT 25 g/L AMINOPYRALID PRESENT AS TRIISOPROPANOLAMINE SALT
Mode of Action:	GROUP 4 HERBICIDE
Statement of Claims:	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.
Net Contents:	1000L 100L 10L 110L 20L 5L
Restraints:	<ul style="list-style-type: none">• 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.

	<ul style="list-style-type: none"> • For High Volume spraying, DO NOT spray if rain is likely within 1 hour or if foliage is wet from rain or dew.
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Directions for Use:	This section contains file attachment.
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Other Limitations:	
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Withholding Periods:	NOT REQUIRED WHEN USED AS DIRECTED.
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Trade Advice:	<p>LIVESTOCK DESTINED FOR EXPORT MARKETS</p> <p>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.</p> <p>EXPORT SLAUGHTER INTERVAL (ESI) – 3 days: After observing the grazing withholding period, livestock that have been grazed on or fed treated pasture, should be placed on clean feed for 3 days prior to slaughter.</p> <p>EXPORT GRAZING INTERVAL (EGI) – 42 days: Livestock that have been grazing on treated pasture should not be sold for export slaughter for 42 days (6 weeks) after application of Tordon® RegrowthMaster, unless the export slaughter interval has been observed.</p> <p>EXPORT ANIMAL FEED INTERVAL (EAFI) – 42 days: Do not cut treated pasture for 42 days (6 weeks) after application of Tordon® RegrowthMaster for stock feed or animals intended to be slaughtered for export.</p> <p>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.</p>
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General Instructions:	<p>MINIMUM RECROPPING PERIODS</p> <p>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 Corteva Agriscience Representative for applicable re-cropping intervals.</p> <p>MIXING</p> <p>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.</p> <p>A. Stem Injection Application</p> <ul style="list-style-type: none"> • 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. <p>B. High Volume Foliar Application</p> <ul style="list-style-type: none"> • 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.
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APPLICATION

A. Stem Injection Application

Waist Height Application

- To make an injection pocket at waist height, use a $\frac{3}{4}$ 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. BS1000 ®1) 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®1 technology, consult first with a Corteva Agriscience 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 eg. using No. 6 to 8 tips at 700 to 1,500 kPa. To obtain good coverage, a spray volume of 3,000 L water/ha is required.
- A spray volume of 3,000 L to 4,000 L per infested hectare of 1 to 2 metre high gorse and blackberry (30 L to 40 L/100 m²) 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.

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.

Resistance Warning:	<p>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 4 herbicide. Some naturally occurring weed biotypes resistant to the product and other Group 4 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 4 herbicides.</p> <p>Since the occurrence of resistant weeds is difficult to detect prior to use, Corteva Agriscience Australia Pty Ltd accepts no liability for any losses that may result from the failure of this product to control resistant weeds.</p> <p>Strategies to minimise the risk of herbicide resistance are available. Contact your farm chemical supplier, consultant, local Department of Agriculture or local Corteva Agriscience representative.</p>
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Precautions:	<p>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.</p>
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Protections:	<p>PROTECTION OF CROPS, NATIVES AND OTHER NON-TARGET PLANTS</p> <ul style="list-style-type: none"> • 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 <i>Pinus</i> 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.
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- 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.

Storage and Disposal:	<ul style="list-style-type: none"> • 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. <p>The method of disposal of the container depends on the container type. Read the STORAGE AND DISPOSAL instructions on the label that is attached to the container.</p> <p>5, 10 & 20 Litre containers</p> <p>This container can be recycled if it is clean, dry, free of visible residues and has the drumMUSTER logo visible. Triple 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 programme site. The cap should not be replaced but may be taken separately.</p> <p>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.</p> <p>Returnable containers: 100 L</p> <p>Do not remove or tamper with the dry valves or security seal. Do not contaminate the drum with water or any other foreign matter. After each use of the product ensure that the dry valve coupler, delivery system and hoses are disconnected, triple rinsed with clean water and drained. Add the rinsings to the spray tank. When the drum is empty remove the dry valve coupler and return to the point of purchase. The drum remains the property of Corteva Agriscience and must be returned.</p> <p>Refillable containers: 100L, 110 L & 1,000 L only</p> <p>Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.</p>
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	<p>SPILL AND LEAK MANAGEMENT</p> <p>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.</p> <p>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 Corteva Agriscience Emergency Services at 1-800-370-754.</p>
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Safety Directions:	<ul style="list-style-type: none">• May irritate the skin. Will irritate the eyes. Avoid contact with the eyes and skin.• If product or spray contacts eyes, wash it out immediately with water.• If applying by high pressure hand wand or by stem injection, wear cotton overalls (or equivalent clothing) buttoned to the neck and wrist, 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.
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First Aid Instructions:	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.
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First Aid Warnings:	
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Tordon RegrowthMaster DFU

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, <i>Angophora</i> , <i>Casuarina</i> , <i>Corymbia</i> , <i>Eucalyptus</i> (except Yellow Box), <i>Lophostemon</i> and <i>Melaleuca</i> 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 <i>Casuarina</i> and <i>Lophostemon</i> species may be variable. Use ground level application to reduce variability.
	Single stems less than 25 cm diameter at base (Ground level application).		1 mL of diluted chemical per cut @ 12 to 15 cm centres.	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.
	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.	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.
	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.	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 Corteva Agriscience for more detail.

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, <i>Angophora</i> , <i>Casuarina</i> , <i>Corymbia</i> , <i>Eucalyptus</i> (except Yellow Box), and <i>Lophostemon</i> species.	Cut stem as close to the ground as possible, leaving stump no higher than 10 cm.	All States	500 mL	NOTE: Control of <i>Casuarina</i> and <i>Lophostemon</i> species may be variable. If cut surface is oily, add wetting agent (e.g. BS1000® ¹) at 100 mL/100 L water for improved penetration.

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 4 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 3,000 - 4,000 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 Tordon RegrowthMaster Herbicide on native vegetation must be done in accordance with STATE and/or LOCAL legislation