CAUTION

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

SureFire

TREESON

HERBICIDE

ACTIVE CONSTITUENT: 200 g/L TRICLOPYR present as the triethylamine salt
100 g/L PICLORAM present as the triisopropanolamine salt

GROUP M 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.

IMPORTANT: READ THIS LEAFLET BEFORE USE

PCT
HOLDINGS PTY LTD

APVMA Approval No: 68104/58455

5/74 Murdoch Circuit, Acacia Ridge QLD 4110 • http://pct.au.com
CUSTOMER SERVICE FREECALL 1800 630 877 EMERGENCY RESPONSE (ALL HOURS) FREECALL 1800 630 877

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 SUREFIRE TREESON HERBICIDE with 4 parts water.
See GENERAL INSTRUCTIONS – APPLICATION section for application method details.

AGRICULTURAL NON-CROP AREAS, COMMERICAL AND INDUSTRIAL AREAS, FORESTS, PASTURES AND RIGHTS-OF-WAY.		
WEEDS CONTROLLED	**WEED GROWTH SIZE**	**STATE**
Acacia (except Qld), Angophora, Casuarina, Corymbia, Eucalyptus (except Yellow box), Lophostemon and Melaleuca species Camphor Laurel.	**Single stems less than 25cm diameter at base** (Waist height application).	All states
	Single stems less than 25cm diameter at base (Ground level application).	
	Multiple stems or more than 25cm diameter at base (Waist height application).	
	Multiple stems or more than 25cm diameter at base (Ground level application).	

APPLICATION RATE	**CRITICAL COMMENTS**
1 mL of diluted chemical per cut @ 10 to 13 cm centres	**NOTE:** Control of Acacia, Casuarina and Lophostemon species may be variable. Use ground level application to reduce variability. **DO NOT** exceed the spacings shown from the centre of one cut to centre of the next cut. Inject each stem of a multistem 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 PCT for more detail.
1 mL of diluted chemical per cut @ 12 to 15 cm centres	
2 mL of diluted chemical per cut @ 10 to 13 cm centres	
2 mL of diluted chemical per cut @ 12 to 15 cm centres	

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
Store in the closed, original container in a cool, well ventilated area away from children, animals, food and feedstuffs. 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 empty containers and deliver for appropriate disposal at an approved waste management facility. If an approved waste management facility is not available, bury the containers below 500 mm 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. Empty containers and product should not be burnt

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 washing and place in the same sealable container for disposal. Dam the area of large spills and report them to PCT.

SAFETY DRIECTIONS
- May irritate the eyes.
- Avoid contact with the eyes and skin.
- DO NOT inhale spray mist.
- Repeated exposure may cause allergic disorders.
- When preparing spray and using the product, wear elbow-length PVC gloves and face shield.
- 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 and face shield.

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 SUREFIRE TREESON HERBICIDE which is available from PCT on request.

NOTICE
Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use. No warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of the product contrary to label instructions, or under off-label permits not endorsed by PCT, or under abnormal conditions.

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

AGRICULTURAL NON-CROP AREAS, COMMERICAL AND INDUSTRIAL AREAS, FORESTS, PASTURES AND RIGHTS-OF-WAY.		
WEEDS CONTROLLED	**WEED GROWTH SIZE**	**STATE**
Acacia (except QLD), 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

RATE / 10L WATER	CRITICAL COMMENTS
500 mL	**NOTE:** Control of Acacia, Casuarina and Lophostemon species may be variable. If cut surface is oily, add wetting agent (e.g BS 1000) for penetration.

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

AGRICULTURAL NON-CROP AREAS, COMMERICAL AND INDUSTRIAL AREAS, FORESTS, PASTURES AND RIGHTS-OF-WAY.		
WEEDS CONTROLLED	**WEED GROWTH SIZE**	**STATE**
Blackberry	Late spring to autumn	All states except NT
Gorse	September to March when actively growing	NSW, Vic, SA and Tas only
Harrisia cactus		Qld only

RATE / 10L WATER	CRITICAL COMMENTS
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 respraying with Surefire TREESON Herbicide
375 mL	Treat any regrowth in the following season. Use a minimum of 3000-4000 L of spray mixture/ha for dense gorse.
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 APROPRIATE LEGISLATION.

FOR NATIVE VEGETATION
Use of Surefire TREESON Herbicide on native vegetation must be done in accordance with STATE and/or LOCAL legislation.
WITHHOLDING PERIOD
NOT REQUIRED WHEN USED AS DIRECTED

GENERAL INSTRUCTIONS
COMPATIBILITY
Surefire TREESON Herbicide is compatible with the following adjuvants:
Hasten @ 500 mL/100L water
Supercharge @ 500 mL/100L water
Uptake Spraying Oil @ 500 mL/100L water.

MIXING
Mix only with water. It will not mix with oil or diesel fuel. Only mix sufficient solution for immediate daily use and avoid storing.
A Stem Injection Application
Mix one part Surefire TREESON 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 Surefire TREESON 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 7cm. The cut of 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
- Stems should be cut less than 10cm above the ground. Remove and treat the surface of any suckers present below the cut surface and ground level.
- **Immediately** apply Surefire TREESON Herbicide / water mixture **liberally** to the **freshly** cut stump by spraying 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.

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 through a No.6 to 8 tip at 700 to 1500 kPa.
- A spray volume of 3000 to 4000 L per infested hectare of 1 to 2 metre high gorse and blackberry (30 to 40 L/100m2) should be used.

Knapsack (harrisia cactus)
- 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 does to the plant crown.
- Complete coverage of every stem is required for adequate control.

CLEANING HIGH VOLUME SPRAY EQUIPMENT
Rinsing
- After using Surefire TREESON 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 Surefire TREESON 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 an alkali detergent (e.g. liquid SURF, OMO, OMOMATIC, DRIVE at 500 mL/100 L of water of the powder equivalent at 500 g/100 L of 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. Then remove filters, nozzles and clean them separately. Finally, flush the system with clean water and allow to drain.
Drain the whole system. Remove filters and nozzles and clean them separately. Finally flush the system with clean water and allow to drain.
Rinse water should be discharged onto a designated disposal area or, if this is unavailable, onto unused land away from desirable plants and water courses.

RESISTANT WEEDS WARNING

GROUP **I** HERBICIDE

SUREFIRE TREESON 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, PCT 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 PCT representative.

PROTECTION OF CROPS, NATIVES AND OTHER NON-TARGET PLANTS
Crops susceptible to SUREFIRE TREESON HERBICIDE include, but are not limited to: 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.
SUREFIRE TREESON HERBICIDE is a damaging to susceptible crops during both growing and dormant periods. Grasses are normally unaffected and establish quickly after treatment.
Picloram, one 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.