

WARNING
KEEP OUT OF THE REACH OF CHILDREN

X-TREE® **WET & DRY**

A ready-to-use herbicide for the selective control of a wide range of woody weeds by basal bark treatment.

SHAKE OR STIR WELL BEFORE USE
READ THE LABEL COMPLETELY BEFORE APPLYING

Active Ingredient:
120 g/litre TRICLOPYR as the butoxy ethyl ester
in the form of a ready to use liquid.



AGRECOVERY
Rural Recycling Programme

GROUP 03 HERBICIDE

FOR USE ON THE CONSERVATION ESTATE ONLY

NET
CONTENTS:
20
Litres

Distributed By:
Etec Crop Solutions Limited
PO Box 51584, Pakuranga
Auckland, New Zealand
Phone: 0800 100 325
www.etec.co.nz

Etec
CROP SOLUTIONS

X-TREE WET & DRY 20L 220W X 230H MM

FIRST AID

If swallowed do not induce vomiting. For advice contact the **National Poisons Centre 0800 POISON (0800 764 766)** or a doctor immediately. If splashed in eyes, wash out immediately with water. If skin or hair contact occurs, remove contaminated clothing, wash with an appropriate detergent and flush washed skin and hair with running water.

SPILLAGE

Do not touch or walk through spilled material. Wear the protective equipment recommended above. Stop leak when safe to do so. Dike 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. Seek advice from the SDS, product label or Weed Control Solutions Ltd regarding disposal. Large spills/leaks: dike the area of large spills and report them to 0800 CHEMCALL, or 0800 243 622.

RESISTANCE MANAGEMENT

X-TREE WET & DRY is a pyridine carboxylic-acid based herbicide (Group 03). The product has the disrupters of plant cell growth mode of action. Some naturally occurring individual woody weeds may be resistant to this herbicide. In these cases, herbicides with different modes of action should be used to kill the weed.

Since the occurrence of resistant weeds is difficult to detect prior to use, ETEC Crop Solutions accepts no liability for any losses that may result from the failure of **X-TREE WET & DRY** herbicide to control resistant weeds.

USE WARNING:

ANIMAL SAFETY: Some poisonous woody weeds may become more palatable after treatment. If concerned that stock health may be affected, stock should be kept away from the area until the plants have died.

SELECTIVE HERBICIDE - VERY TOXIC TO SOME PLANT SPECIES. Some plants may be damaged or killed by contact with this product. Do not allow drift outside the target area to occur.

RESTRAINTS

DO NOT add water to **X-TREE WET & DRY** herbicide.

DO NOT apply to charcoal coated, wet or frosted stems as this can repel the herbicide mixture.

DO NOT apply this product in a way that will contact workers or other persons, either directly or through drift.

DO NOT allow mixture to contact non-target species. Treat target weeds only.

DO NOT use on food crops.

DO NOT apply with a mist blower.

DIRECTIONS FOR USE: X-TREE WET & DRY is an oil-based premix and should not be used or diluted with any other chemicals. It will NOT mix with water.

X-TREE WET & DRY controls a wide range of woody and semi-woody weeds. Follow up treatments on some species may be necessary to obtain more complete control.

X-TREE WET & DRY may be used for the control of woody weeds on the banks of waterways. Avoid contamination of water if applying on banks on waterways. It is recommended that a paintbrush be used to apply the herbicide in these situations.

MOISTURE: X-TREE WET & DRY: Can be applied to trees with bark that is damp from fog, mist, dew and light rainfall etc. Light rainfall during use will have minimal effect on the treatment, but use on trees with drenched bark and during heavy rainfall is not recommended.

TIMING

Best results will be achieved when applied to actively growing trees or in the autumn when sap flow is moving back down to the roots.

APPLICATION METHODS

Apply **X-TREE WET & DRY** directly to the lower stem / trunk of individual, targeted woody weeds. Applications should aim to wet the entire circumference of the target weed stem /trunk to effectively chemically ring bark the plant. For herbaceous weeds, apply **X-TREE WET & DRY** to the lower part of the stem for single-stemmed species or into the centre of the crown for low-growing, rosette forming plants.

Ground application- Apply **X-TREE WET & DRY** only with hand-directed equipment such as a low-moderate pressure knapsack, drench gun or hand-held wand / lance or a paintbrush.

Aerial application - MUST BE applied as a directed application onto the trunk of the target tree weed with a low-moderate pressure targeted wand / lance, using a helicopter as an operational platform.

Some of the components of the herbicide mixture may affect the rubber seals of some sprayers. To avoid this, use sprayers which use Viton® seals and fittings.

It is preferable to dedicate application equipment for use exclusively with **X-TREE WET & DRY** to minimise cleaning requirements and the risk of killing non-target plants through equipment contamination. Where this is not possible follow cleaning instructions carefully before using for any other purpose.

Applications should only be made when there is little or no potential for spray drift. Very small quantities of spray, which may not be visible, may seriously injure susceptible plants. Do not spray when wind is blowing towards susceptible crops or ornamental plants.

Drift can be reduced by using pressures no greater than are required to obtain adequate coverage; by using large droplet producing nozzle tips; and by applying when wind velocity is low. Do not apply with nozzles that produce a fine droplet. Application equipment should be used at low pressure, up to 200kPa, to avoid splashing.

APPLICATION MARKER ADDITION

Normal use will leave an oily deposit on treated stems but this is not always clearly visible. To clearly mark treated plants, add 250 mL of an oil based white paint per 5 litres of **X-TREE WET & DRY**.

BASAL BARK APPLICATION METHOD

To control susceptible woody plants with stems less than 30 cm in basal diameter, apply **X-TREE WET & DRY** with a low pressure sprayer using solid cone or flat fan nozzle or a paintbrush. Liberally spray the basal parts of the shrub or tree trunks in a manner that thoroughly wets the lower circumference including the root collar area of the stems / trunks to a height 3 – 5 times the diameter of the trunk.

Apply to thoroughly wet the bark but not to the point of runoff. Treat the greater height of the trunk for Douglas Fir and other hard to kill species. Species with old, rough bark require more thorough wetting than smooth barked species. Application can be made at any time of the year, including the winter months. Do not apply when snow or water prevents spraying to the ground line. Ensure all stems on multi-stemmed varieties are treated.

SPECIES CONTROLLED WITH X-TREE WET & DRY INCLUDE					
COMMON NAME	SPECIES	NOTES	COMMON NAME	SPECIES	NOTES
Agapanthus	<i>Agapanthus species</i>		Holly	<i>Ilex aquifolium</i>	
Alder	<i>Alnus species</i>		Ivy	<i>Hedera helix</i>	Note 2
Asparagus Fern	<i>Asparagus scanensis</i>		Japanese Walnut	<i>Juglans ailantifolia</i>	
Barberry	<i>Berberis species</i>		Kudzu	<i>Pueraria lobate</i>	Note 2
Birch	<i>Betula species</i>		Lantana	<i>Lantana camara</i>	
Blackberry	<i>Rubus fruticosus</i>		Larch	<i>Larix decidua</i>	
Boneseed	<i>Chrysanthemoides monilifera</i>		Matt Grass	<i>Nardus stricta L</i>	
Brazilian pepper	<i>Schinus species</i>		Mile a minute vine	<i>Dipogon lignosus</i>	
Briar	<i>Rosa species</i>		Montpellier broom	<i>Telime monspessulana</i>	
Brush cherry	<i>Syzygium australe</i>		Moth Plant	<i>Arajuia sericifera</i>	
Buckthorn	<i>Rhamnus species</i>		Oak	<i>Quercus species</i>	
Buddleia	<i>Buddleja davidii</i>		Old Man's Beard and other Clematis species	<i>Clematis vitalba and other Clematis species</i>	
Chinese Tamarisk	<i>Tamarix chinensis</i>		Pine	<i>Pinus species</i>	
Cherry family	<i>Prunus species</i>		Pine – Hard to control spp.	<i>e.g. Pinus mugo or nigra</i>	Note 4
Climbing Asparagus	<i>Aspargus setaceous</i>		Poplar	<i>Populus species</i>	
Climbing spindle berry	<i>Celastrus orbiculatus</i>	Note 1 & 3	Rowan	<i>Sorbus aucuparia</i>	
Cotoneaster	<i>Cotoneaster species</i>	Note 3	Scotch broom	<i>Cytisus scoparius</i>	
Douglas fir	<i>Pseudotsuga menziesii</i>	Note 1	Spanish heath	<i>Erica lusitanica</i>	
Elaeagnus	<i>Elaeagnus x reflexa</i>	Note 4	Spindle tree	<i>Euonymus species</i>	
Elder	<i>Sambucus nigra</i>		Sycamore	<i>Acer pseudoplanatus</i>	
Elm	<i>Ulmus species</i>		Tutsan	<i>Hypericum androsaemum</i>	
European olive	<i>Olea europaeus</i>		Wild Ginger	<i>Hedychium gardnerianum</i>	
Gorse	<i>Ulex europaeus</i>		Wattle	<i>Acacia and Paraserianthes species</i>	
Gum	<i>Eucalyptus species</i>		Willow	<i>Salix species</i>	
Hakea	<i>Hakea species</i>		Woolly nightshade	<i>Solanum mauritianum</i>	
Heather	<i>Calluna vulgaris</i>		Yucca	<i>Yucca species</i>	

Note 1. Retreatment of surviving stems and/or root suckers may be necessary

Note 2. Retreatment of surviving vines may be necessary

Note 3. Treat all the stems and exposed roots to ground level.

Note 4. Old Pinus mugo and large Douglas fir trees can take up to 4 years to die.

Treat a minimum of five times the trunk diameter.

CLEANING SPRAY EQUIPMENT

After completion of spraying, use a degreaser such as kerosene to remove traces of oil from the sprayer.

After the above, three quarters fill the tank with clean water and add **ALL-CLEAR® 2X** tank and equipment cleaner. Top up tank.

Shake or circulate the cleaning water around the sprayer and spray the solution through the nozzle to thoroughly clean the lines and nozzle.

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.

Preferably leave overnight before rinsing well with clean water.

To clean paintbrushes and container, spray liberally with degreaser. Hose off thoroughly with water and repeat using **ALL-CLEAR 2X** (see above).

STORAGE

Store in original container tightly closed, away from foodstuffs, feed and clothing.

Storage must be generally in accordance with the New Zealand Standard for the Management of Agrichemicals (NZS8409). Stores containing more than 100 litres of **X-TREE WET & DRY** require bunding and are subject to signage. See the HSN0 Regulations for Emergency Management and Identification and the New Zealand Standard for the Management of Agrichemicals (NZS8409) for further information.

SAFETY DATA SHEET

If additional hazard or safety information is required, refer to the Safety Data Sheet. For a copy visit our website at www.etec.co.nz

EXCLUSION OF LIABILITY:

Please read these conditions of supply before buying and using. If these conditions are unacceptable, return at once unopened.

To the extent permitted by law, buyers and/or users of the goods accept that neither the manufacturer, Etec Crop Solutions Limited as distributor, nor any other distributor have any liability or responsibility whatsoever for any loss, damage or injury whether in contract or tort, whether direct, indirect or consequential howsoever arising in connection With the supply of these goods.

X-TREE WET & DRY® is a Trademark of ETEC Crop Solutions Limited

Viton® is a Registered Trademark of DuPont Performance Elastomers L.L.C.

All-Clear®2 is a Trademark of Amega Sciences (North America) Limited

Distributed by and registered to ETEC Crop Solutions

© Copyright ETEC Crop Solutions Limited (2016), all rights reserved. All directions for use, recommendations, use rates, compatibilities and other technical information is proprietary to ETEC Crop Solutions.

PLEASE READ THE LABEL COMPLETELY BEFORE USE

This product MUST NOT be used for any purpose or in any manner contrary to the controls and conditions of registration
This product MUST be under the control of an Approved Handler if used in a wide dispersive manner or applied by a commercial contractor.



HSNO Classification: 6.1E, 6.4A, 6.5B, 6.9B, 9.1A, 9.2A

WARNING

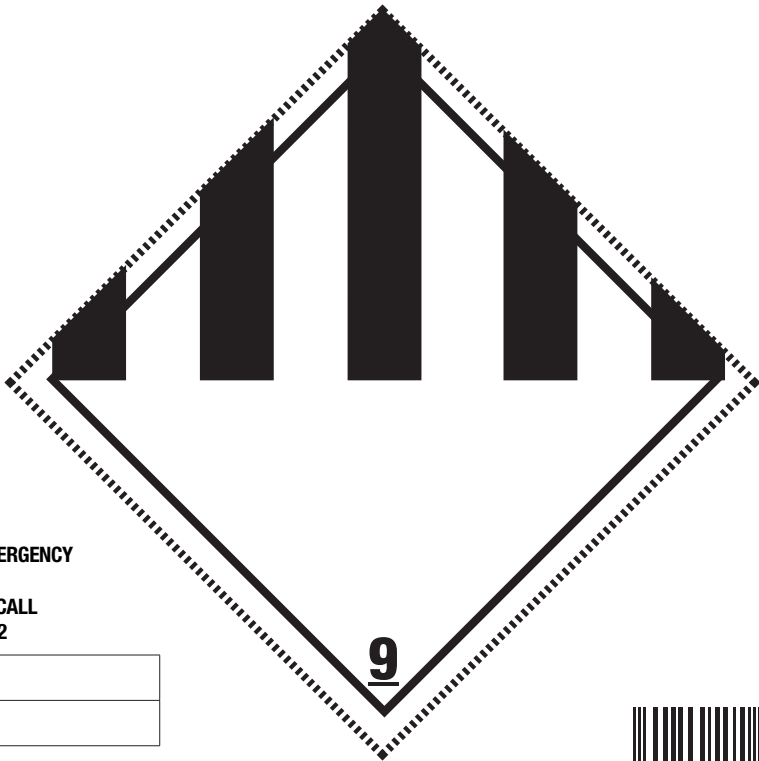
Harmful if swallowed, or absorbed through the skin.
May cause an allergic skin reaction.
May cause eye irritation.
May cause organ damage from repeated oral exposure at high doses.
Very toxic to aquatic organisms.
Very toxic to the soil environment.

PRECAUTIONS

Store in original container tightly closed, away from foodstuffs.
When applying wear eye protection, chemical resistant gloves made of any oil proof material such as barrier laminate, nitrile rubber, neoprene, or Viton®1, shoes and socks, long-sleeved shirt and long pants.
Avoid contact with skin and eyes, and inhalation of spray mist.
Prolonged or frequently repeated skin contact may cause allergic reactions in some people.
Remove protective clothing immediately after handling this product and wash as soon as possible.
Do not eat, drink or smoke while using.
Wash hands and face before eating, drinking or using the toilet and after work.
Apply using properly maintained equipment in accordance with the New Zealand Standard for the Management of Agrichemicals (NZS8409). Unless it is to be used for another purpose, there is no need to clean equipment after use.
If the equipment is to be used for other purposes clean following the instructions on this label.
Records of use, as described in the relevant HSNO regulations and the New Zealand Standard for the Management of Agrichemicals (NZS8409), must be kept if more than 6 litres of X-TREE WET & DRY® is applied, or discharged within 24 hours in a place where members of the public may be present. DO NOT carry on a passenger service vehicle.
DO NOT contaminate any aquatic environment with chemical mixture or empty container.
Some plants may be damaged or killed by contact with this product. DO NOT allow drift outside the target area to occur.

CONTAINER DISPOSAL: Non-refillable containers 20 litres or less: Ensure container is completely empty. Rinse empty container with an oil based product such as kerosene, then triple rinse with soap and water. Recycle through the Agrecovery programme. If this is not possible, bury in an approved landfill or other approved facility.
Do not dispose of this product or equipment cleaning kerosene down drains or sewers.
Dispose of equipment cleaning kerosene onto ground away from susceptible crops and plants.
Refillable containers 20 litres or larger: Refill the containers with X-TREE WET & DRY herbicide only. Do not reuse this container for any other purpose.



PRODUCT DISPOSAL: Ensure unwanted product is used by another operator strictly in accordance with label directions or at an approved landfill or other approved facility.



24 HOUR EMERGENCY
RESPONSE
0800 CHEM CALL
0800 243 622

BATCH NO
DOM

EL110/20L



Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE,
LIQUID, N.O.S. (triclopyr). Marine pollutant
UN Number: 3082
Class: 9
Packing Group: III HAZCHEM 2X

