



WARNING

KEEP OUT OF REACH OF CHILDREN

Read label before use

ECOTOXIC

AGPRO[®] HATCHET[®] Pro

*Contains 120g/L triclopyr as the butoxyethyl ester
as an oil miscible liquid*

A ready-to-use herbicide for the selective control of a wide range of woody weeds and trees, including wilding pines.

DO NOT USE ON PASTURE OR CROPLAND

20 L

Approved pursuant to HSNO Act 1996,
Approval Code HSR101226
See www.epa.govt.nz for approval controls
LBL124.2F

Distributed by:
AGPRO (N.Z.) Limited
10 Polaris Place, East Tamaki, Auckland 2013
PO Box 58-963, Botany, Auckland 2163
Ph: 09 273 3456 www.agpro.co.nz

AGPRO FORESTRY



HAZARD CLASSIFICATION

Eye irritation Category 2, Skin sensitisation Category 1, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1, Hazardous to soil organisms.

This product must not be used for any purpose, or in any manner, contrary to this label unless authorised under appropriate legislation.

WARNING

TOXICITY

Causes serious eye irritation. May cause an allergic skin reaction. May cause damage to organs through prolonged or repeated exposure.

ECOTOXICITY

Very toxic to aquatic life with long lasting effects. Very toxic to soil organisms. This product must not be applied directly into or onto water. Take all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the application area. Avoid contamination of any water supply with product or empty container.

PRECAUTIONS

QUALIFICATION REQUIREMENTS

Persons mixing, loading, applying or otherwise handling this product must meet qualification requirements set out in the EPA Hazardous Substances (Hazardous Property Controls) Notice 2017.

Selective Herbicide – very toxic to some plant species.

Beware: Spray drift hazard. Apply this product carefully. Spray drift may cause serious damage to other desirable plants.

PERSONAL PROTECTION

Avoid contact with skin and eyes, and inhalation of spray mist. When mixing or applying this product wear chemically resistant gloves, overalls, boots, respiratory and eye protection. Do not eat, drink or smoke while using. Remove protective clothing and wash hands and face thoroughly before meals and after work. Wash all protective clothing after work. Contaminated work clothing should not be allowed out of the workplace.

STORAGE

Store in original container, tightly closed, in a secure, dry, cool and well-ventilated area avoiding direct sunlight and away from foodstuffs, fertilisers or seeds. Storage must be in accordance with the current version of the NZ Standard for the Management of Agrichemicals (NZS 8409). Stores containing 100 litres or more of **AGPRO HATCHET Pro** require secondary containment, signage and an emergency response plan.

SHelf LIFE

When stored appropriately, this product should show no significant degradation for 24 months from the date of manufacture. Contact your supplier for further information about the use of any product that is older than this.

Batch No.:

Date of Manufacture:

EQUIPMENT

Apply only with appropriate, well-maintained and calibrated equipment in accordance with NZS 8409.

RECORDS OF APPLICATION

If 3kg or more of the substance is applied within 24 hours, in a place where the substance is likely to enter the air or water and leave the application area, written records must be kept for 3 years.

DISPOSAL

PRODUCT DISPOSAL: Dispose of this product only by using according to the label directions or if this is not possible contact your supplier for advice.

CONTAINER DISPOSAL: Triple rinse container and add rinsate to the spray tank. Recycle clean containers at an Agrecovery depot, or puncture and dispose of at an approved landfill. Do not burn. Do not use container for any other purpose.

FIRST AID

For advice call the National Poisons Centre 0800 POISON (0800 764 766) (24 hours) or a doctor. If medical advice is needed have product container or label to hand.

IF SWALLOWED: Do NOT induce vomiting. Call the Poisons Centre or a doctor if you feel unwell.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If irritation persists, get medical advice/attention.

IF ON SKIN OR HAIR: Remove contaminated clothing. Wash skin with plenty of soap and water. If skin irritation or rash occurs get medical advice/attention. Wash contaminated clothing before reuse.

IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Call the Poison Centre or a doctor if you feel unwell. Apply artificial respiration if not breathing.

EMERGENCY RESPONSE

In a transport emergency call 111, Police or Fire Brigade.

For specialist advice in a chemical emergency call 0800 CHEMCALL (0800 243 622).

TRANSPORT

Do not carry on a passenger services vehicle.

SPILLAGE

Exclude non-essential people from the area. Wear protective clothing and prevent chemical from entering waterways. Absorb liquid spills with inert material such as attapulgite, soil, etc., and place in a sealable and labelled waste container. Wash area and absorb with further inert material. Dispose of safely at an approved landfill.

SAFETY DATA SHEET

Additional information is provided in the safety data sheet. Phone 09 273 3456 or visit www.agpro.co.nz for a copy.

Proper Shipping Name	Class	UN Number	Packing Group	Marine Pollutant
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., (triclopyr 12%)	9	3082	III	Yes

AGPRO and HATCHET are registered trademarks of AGPRO (N.Z.) Limited.



PEEL HERE

LBL124.2B

GENERAL INSTRUCTIONS

DO NOT add water to **AGPRO HATCHET Pro** herbicide.

DO NOT apply to charcoal coated 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 product to contact non-target species. Treat target weeds and wilding trees only.

DO NOT use on food crops.

DO NOT apply with a mist blower.

DO NOT apply over water.

This product must not be:

a) used on plants that are intended to produce food for consumption by humans or animals; and

b) applied to areas that may be grazed by food-producing animals.

It is an offence for users of this product to cause residues exceeding the relevant MRL in the Food Notice: Maximum Residue Limits for Agricultural Compounds.

RESISTANCE MANAGEMENT

GROUP 4 HERBICIDE

AGPRO HATCHET Pro contains a pyridine carboxylic-acid based herbicide that acts via the disruption of plant cell growth. Some naturally occurring individual woody weeds may be resistant to this herbicide. In these cases, alternate modes of action should be used to kill the weed. Since the occurrence of resistant weeds is difficult to detect prior to use, **AGPRO (N.Z.) Ltd** accepts no liability for any losses that may result from the failure of **AGPRO HATCHET Pro** to control resistant weeds. Refer to www.resistance.nzpps.org for further resistance management advice.

DIRECTIONS FOR USE

AGPRO HATCHET Pro is an oil-based ready to use liquid and should not be used or diluted with any other chemicals. It will NOT mix with water.

AGPRO HATCHET Pro controls a wide range of woody and semi-woody weeds. Follow up treatments on some species may be necessary to obtain more complete control.

AGPRO HATCHET Pro 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

AGPRO HATCHET Pro 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.

DO NOT apply to deciduous plants during winter dormancy.

SPECIES CONTROLLED

COMMON NAME	SPECIES	NOTES
Blackberry	<i>Rubus fruticosus</i>	
Brazilian pepper	<i>Schinus species</i>	
Briar	<i>Rosa species</i>	
Brush cherry	<i>Syzygium australe</i>	
Buckthorn	<i>Rhamnus species</i>	
Buddleia	<i>Buddleja davidii</i>	
Cherry family	<i>Prunus species</i>	

COMMON NAME	SPECIES	NOTES
Climbing spindle berry	<i>Celastrus orbiculatus</i>	Retreatment of surviving stems and/or root suckers may be necessary. Treat all the stems and exposed roots to ground level.
Cotoneaster	<i>Cotoneaster species</i>	Treat all the stems and exposed roots to ground level.
Douglas fir	<i>Pseudotsuga menziesii</i>	Retreatment of surviving stems and/or root suckers may be necessary. 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.
Elder	<i>Sambucus nigra</i>	
Elm	<i>Ulmus species</i>	
European olive	<i>Olea europaeus</i>	
Gorse	<i>Ulex europaeus</i>	
Gum	<i>Eucalyptus species</i>	
Hakea	<i>Hakea species</i>	
Heather	<i>Calluna vulgaris</i>	
Holly	<i>Ilex aquifolium</i>	
Larch	<i>Larix decidua</i>	
Montpellier broom	<i>Teline monspessulana</i>	
Oak	<i>Quercus species</i>	
Old Man's Beard and other Clematis species	<i>Clematis vitalba</i> and other <i>Clematis species</i>	
Pine	<i>Pinus species</i>	
Pine – Hard to control spp.	e.g. <i>Pinus mugo</i> or <i>nigra</i>	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.
Poplar	<i>Populus species</i>	
Rowan	<i>Sorbus aucuparia</i>	
Scotch broom	<i>Cytisus scoparius</i>	
Spanish heath	<i>Erica lusitanica</i>	
Spindle tree	<i>Euonymus species</i>	
Sycamore	<i>Acer pseudoplanatus</i>	
Tutsan	<i>Hypericum androsaemum</i>	
Wattle	<i>Acacia</i> and <i>Paraserianthes species</i>	
Willow	<i>Salix species</i>	
Woolly nightshade	<i>Solanum mauritianum</i>	
Yucca	<i>Yucca species</i>	

APPLICATION METHODS

Apply **AGPRO HATCHET Pro** 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 **AGPRO HATCHET Pro** 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 **AGPRO HATCHET Pro** only with hand-directed equipment such as a low-moderate pressure knapsack, drench gun or hand-held wand / lance or a paintbrush.

Aerial application: **AGPRO HATCHET Pro** MUST only be applied as a directed application onto the trunk of the target tree weed with a 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 **AGPRO HATCHET Pro** 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 drift. Very small quantities of product, 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 moderate pressure, up to 200kPa, to avoid splashing.

AGPRO HATCHET Pro must not be applied from a fixed wing aircraft.

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 L of **AGPRO HATCHET Pro**.

BASAL BARK APPLICATION METHOD

To control susceptible woody plants with stems less than 30 cm in basal diameter, apply **AGPRO HATCHET Pro** with a moderate pressure sprayer using solid cone or flat fan nozzle or a paintbrush. Liberally apply to 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.

CLEANING AND DECONTAMINATION

After using spray equipment, flush all equipment and lines with clean water then decontaminate spray equipment before it is used to treat plants that are sensitive to triclopyr. Cleaning water should be discharged onto a designated disposal area, or onto unused land away from desirable plants or water sources.

CONDITIONS OF SALE

As the use of this product is beyond the control of AGPRO (N.Z.) Limited, no warranty expressed or implied, beyond that covered under the Fair Trading Act is given by AGPRO (N.Z.) Limited regarding its suitability, fitness, or efficacy for any purpose for which it is used by the user, whether in accordance with the directions or not. AGPRO (N.Z.) Limited accepts no responsibility for any consequence whatsoever resulting from the use of this product.



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AGRECOVERY



AGPRO
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