

HARMFUL
KEEP OUT OF REACH OF CHILDREN
ECOTOXIC

AGPRO 2,4-D ESTER 680

HERBICIDE

Contains 680g/L 2,4-D as the ethyl hexyl ester in the form of an emulsifiable concentrate

A selective herbicide for the control of many broadleaf weeds in pasture and non-cropland areas

READ THE DIRECTIONS FOR USE INFORMATION BEFORE USING THIS PRODUCT.

Registered pursuant to the ACVM Act 1997 No: P007861
See www.nzfa.govt/acvm for registration conditions.
Approved pursuant to HSNO Act 1996 No HSR000962
See www.epa.govt.nz for approval conditions

Date of manufacture:
Batch no:
Net contents: 5L, 20L, 200L

Registered to and distributed by:

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HAZARD CLASSIFICATION

6.1D, 6.3B, 6.5B, 6.9A, 9.1A, 9.2A, 9.3C

TOXICITY

May be harmful if swallowed, inhaled or absorbed through the skin. May cause eye and mild skin irritation. Avoid contact with eyes and skin. Avoid inhalation of spray mist. May cause organ damage from repeated oral exposure at high doses. Very toxic to aquatic organisms. Avoid contamination of any water supply with product or empty container. Very toxic to soil flora. Harmful to terrestrial vertebrates.

PRECAUTIONS

APPROVED HANDLER: This product must be under the control of an approved handler when applied in a wide dispersive manner, used by a commercial contractor or applied directly onto or into water.

STORAGE: Store in original container, tightly closed and away from foodstuffs. Store in a cool dry well ventilated area, avoiding sunlight and temperatures below -5°C and above 35°C . Avoid storage with classes 1,2,3,2,4 or 5 substances.

PROTECTIVE CLOTHING: When mixing or applying this product, overalls, boots, gloves and eye protection should be worn.

SPRAYING EQUIPMENT: Apply only with well maintained and calibrated equipment.

PERSONAL HYGIENE: Do not eat, drink or smoke while using. Remove protective clothing and wash hands and face thoroughly before meals and after work.

TRACKING: This product does not need to be tracked.

RECORDS: Records of use must be kept when: a member of the public may lawfully be present, the substance is likely to enter air or water and leave the place or if 3kg or more of the chemical is applied.

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

CONTAINER DISPOSAL: Triple rinse container and add rinsate to the spray tank. Dispose at an approved landfill. Do not burn. Do not use container for any other purpose.

FIRST AID

If swallowed DO NOT induce vomiting. If splashed in eyes, wash out immediately with water. If skin or hair contact occurs, remove contaminated clothing and flush with water. For advice call the National Poisons Centre 0800 POISON (0800 764 766) (24 hours) or a doctor immediately.

EMERGENCY RESPONSE

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

SPILLAGE

Exclude non-essential people from the area. Wear protective clothing and prevent chemical from entering waterways. Absorb spill with inert material such as soil, sand, etc and place in a waste container. Wash area with water, and absorb with further inert material. Dispose of safely to 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.

GENERAL INFORMATION

AGPRO 2,4-D Ester 680 is a selective herbicide for the control of many broadleaf weeds in pasture and non-cropland areas. AGPRO 2,4-D Ester 680 controls most species of thistles, buttercups and many common pasture weeds. It can also be used to control willows and Spanish heath.

TIME OF APPLICATION

Autumn, early winter or early spring treatment is recommended for best control from label rates. During winter when weeds are growing less actively, variable control can occur. Do not apply to weeds under stress (frost, drought).

PASTURE MANAGEMENT

Graze the area before spraying to reduce clover leaf and to expose the weeds to the spray. Leave for one week to allow the weeds to freshen prior to spraying. Delay grazing the sprayed paddock for two weeks as premature grazing of the treated weeds may reduce the level of control. High rates of AGPRO 2,4-D Ester 680 may cause temporary suppression of clover, particularly red, subterranean and suckling clovers.

ANIMAL SAFETY

Poisonous plants (eg ragwort) may become more palatable after spraying. If concerned that stock may be affected, stock should be kept away from the area until plants have died down.

It is an offence for users of this product to cause residues exceeding the relevant MRL in the New Zealand (Maximum Residue Limits of Agricultural Compounds) Food Standards.

WITHHOLDING PERIOD

Except for animal safety reasons no withholding period is required when used as directed. **It is an offence for users of this product to cause residues exceeding the relevant MRL in the New Zealand (Maximum Residue Limits of Agricultural Compounds) Food Standards.**

APPLICATION

The product can be applied using conventional ground or aerial spray equipment. Equipment must be thoroughly decontaminated after use as a larger number of crops species are very susceptible to this herbicide.

Aerial Spraying: For pasture weeds use 30-60 litres of water/ha.

Boom Spraying : General: Use 100-200L of water/ha in most situations. Increase the water rate to 200-500 litres of water/ha on hard to kill weeds..

CDA Spraying: For pasture weeds use 15-50 litres of water/ha using spray equipment which will product a droplet size of not less than 150 micron.

Spot Spraying: For pasture weeds use a pressure of 600-800kPa through a No 4 tip.

Mixing: Pour the measured quantity of AGPRO 2,4-D Ester 680 into the partly filled spray tank and add the remainder of the water, agitating thoroughly during filling.

TREATMENT FOR SPECIFIC WEEDS**Nodding Thistle:**

Apply 1.5L/ha to small rosettes only whose root crown (determined by cutting plant off at ground level) is less than 2cm in diameter. Apply 2.0L/ha to rosettes whose root crown is 2-4cm in diameter and before flower stalk development. For thistles with root crowns greater than 4cm diameter and multicrown plants add AGPRO Cloralid 200 herbicide at 100ml/ha.

Variegated Thistle:

Apply at 1.5L/ha to seedlings only. Apply at 2.0L/ha to small rosettes less than 15cm in diameter.

Winged Thistle:

Apply 1.5L/ha to seedlings only. Apply 2.0L/ha to rosettes prior to flower stalk emergence. In areas where thistles have been found to be hard to kill add AGPRO Cloralid 200 herbicide at 100ml/ha.

NOTE

The addition of AGPRO Cloralid 200 herbicide will suppress perennial clover and may kill annual clover.

Redroot, bur medick, buttercups (annual), catsear, cresses, dandelion, hedge mustard, hemlock, plantains, Scotch thistle:

Apply at 0.75L/ha for seedlings and 1.5L/ha for small plants.

Parsley dropwort, field bindweed, burdock, creeping mallow, fennel, fireweeds, hoary cress, foxglove, nettles, wild portulaca, ragwort, willow weed:

Apply at 2.0-3.0L/ha for control of seedlings.

Spot Spraying:

Use 500ml per 100 litres of water and ensure thorough coverage of the above weeds.

Knapsack application:

Use 5ml per litres of water on the above listed weeds, ensuring full spray coverage.

Willows:

Aerial application: Apply 6L in 200-400L water/ha in late spring to fully leafed trees. Up to 2 treatments may be necessary at 12 monthly intervals.

Gun Spraying: Apply 350ml in 100L water, ensuring full coverage, in late spring to fully leafed trees.

Stump Swabbing/Frilling: Use a mixture of 1:40 AGPRO 2,4-D Ester 680 Herbicide in diesel or waste oil.

Apply to a freshly cut surface or frill immediately after cutting is a brush or knapsack sprayer.

Spanish Heath:

Apply 500ml AGPRO 2,4-D Ester 680 herbicide per 100 litres of water, ensuring full coverage, during active spring growth.

CONDITIONS OF SALE

The use of AGPRO 2,4-D Ester 680 herbicide being beyond the control of the manufacturer, no warranty expressed or implied, beyond that cover under the Fair Trading Act is given by AGPRO NZ Limited regarding its suitability, fitness or efficiency for any purpose for which it is used by the buyer, whether in accordance with the directions or not and AGPRO NZ Limited accepts no responsibility for any consequence whatsoever resulting from the use of this product.