

DANGER

KEEP OUT OF REACH OF CHILDREN

Read label before use

ECOTOXIC

AGPRO 2,4-D Amine 800 WSG

*Contains 800g/kg 2,4-D as the dimethylamine salt in the form
of a water soluble granule*

Non-volatile 2,4-D soluble granules for broadleaf weed control
in cereals and pasture

10kg

Registered pursuant to the ACVM Act 1997, No. P008604
See www.foodsafety.govt.nz for registration conditions
Approved pursuant to HSNO Act 1996, Approval Code HSR100573
See www.epa.govt.nz for approval controls

Registered to and distributed by:
AGPRO (N.Z.) Limited
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AGPRO



HAZARD CLASSIFICATION

Acute oral toxicity Category 4,
Acute inhalation toxicity Category 4,
Eye irritation Category 2,
Skin sensitisation Category 1,
Specific target organ toxicity (repeated exposure) Category 1,
Hazardous to the aquatic environment acute Category 1,
Hazardous to the aquatic environment chronic Category 1,
Hazardous to soil organisms,
Hazardous to terrestrial vertebrates.

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

DANGER TOXICITY

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

ECOTOXICITY

Very toxic to aquatic life with long lasting effects. Hazardous to soil organisms. Hazardous to terrestrial vertebrates. This product must not be applied directly into or onto water. Application to drains, ditches and irrigation channels must only be made when these waterways are dry and at least one month is allowed to

elapse before the channels are used to carry 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.

Aerial application: To minimise the risk of damage from spray drift, especially where susceptible vegetation is within 500 metres, use low-drift nozzles (No finer than coarse BCPC or ASABE S572) which minimise the production of small droplets (< 100 microns). The preferred wind conditions for spraying are a light, constant breeze that is away from sensitive crops. Ensure compliance with relevant regional air management plans. Maintain a water rate of at least 30 L/ha for aerial spraying. Do not add additional wetter unless specified on the label.

PERSONAL PROTECTION

Avoid contact with skin and eyes, ingestion and inhalation of dust or spray mist. When mixing or applying this product

Proper Shipping Name	Class	UN No.	Packing Group	Marine Pollutant
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S., (contains 2,4-D 80%)	9	3077	III	YES

Batch Number:

Date of Manufacture:



AGPRO[®]
(N.Z.) LIMITED



LBL396.1

wear chemical 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 and in a secure, dry, cool and well ventilated area away from direct sunlight, foodstuffs, seeds, and fertilizers. Storage must be in accordance with the current version of the NZ Standard for the Management of Agrichemicals (NZS 8409). Stores containing 100kg or more of **AGPRO 2,4-D Amine 800 WSG** require signage and an emergency response plan.

EQUIPMENT

Apply only with appropriate well maintained spray equipment in accordance with NZS 8409. Equipment must be accurately calibrated to apply 100 - 300 litres of water/ha for ground spraying and 30 - 100 litres of water/ha for aerial spraying. Use higher water rates for larger weeds. Boom nozzle size must be no finer than medium BCPC or ASABE S572.

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 three years.

DISPOSAL

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

PACKAGING DISPOSAL: Dispose of empty packaging at an approved landfill. Do not burn. Do not use packaging for any other purpose.

SHELF LIFE

When stored appropriately this product should show no significant degradation 2 years from the date of manufacture. Contact your supplier for further information about the use of any product that is older than this.

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. Rinse mouth. 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 Poisons 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 this product on a passenger service vehicle.

SPILLAGE

Exclude non-essential people from the area. Wear appropriate protective clothing and prevent material from entering waterways. Sweep up solids without generating dust and place in a sealable and labelled waste container. Wash area and absorb with inert material such as attapulgite, soil, etc., and place in waste container. Contain liquid spills and absorb with inert material. Dispose of waste safely in 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 INSTRUCTIONS

AGPRO 2,4-D Amine 800 WSG is damaging to clovers, especially red,

suckling and subterranean clover, and plantain and chicory. To minimise clover damage where clovers are actively growing, hard graze to remove as much clover leaf as possible before spraying. Do NOT spray hay or silage paddocks.

AGPRO 2,4-D Amine 800 WSG will control a wide range of pasture weeds. Weeds are best controlled as small seedlings. Use the lower rate on seedlings and the higher rate on larger weeds, or during periods of hardened growth. Do not apply if crop or weeds are stressed.

Weed control may be unsatisfactory where low soil temperatures inhibit plant growth. Larger plants and established biennials are often not well controlled, and perennial plants are not well controlled. Buttercups and thistles are generally better controlled with MCPA. Some weeds (e.g. Californian thistle, bindweed) require repeat applications. To improve control of large thistles, or phenoxy resistant thistles add clopyralid 300g/L at 100ml/ha. Clopyralid will severely suppress clover growth and clovers may take 6 - 12 months to recover.

WEEDS CONTROLLED

AGPRO 2,4-D Amine 800 WSG controls or severely checks the following: Allseed, apple of Peru, Bathurst bur, bitter cress, black nightshade, burdock, bur medick, buttercups, Canadian fleabane, catsear, charlock, chicory, cornbind, cresses, dandelion, dove's foot, fathen, field bindweed, foxglove, groundsel, hawkbit, hawksbeard, hawkweed, hedge mustard, mouse-ear chickweed, nettles, oxtongue, parsley dropwort, penny cress, pennyroyal, pipiripi, plantains, ragwort, red dead nettle, redroot, selfheal, shepherd's purse, storksbill, thistles, twin cress, vetch, wart cress, wild mustard, wild carrot, wild parsnip, wild radish, wild turnip, willow weed.

WEEDS CONTROLLED AS SEEDLINGS ONLY

Cape weed, creeping mallow, cut-leaved geranium, daisies, docks, fennel, spurrey, willow weed.

WEEDS NOT CONTROLLED
AGPRO 2,4-D Amine 800 WSG does NOT control: Field chickweed, cleavers, grasses, hydrocotyle, stinking mayweed,

oxalis, prostrate amaranth, parsley piert, pearlwort, sorrel, staggerweed, stonecrop.

AGPRO 2,4-D Amine 800 WSG may be used for weed control in newly established pastures where weeds are too large for, or not well controlled by **AGPRO MCPB Extra**. Do not exceed 1.5kg per hectare. If red clover was sown do not exceed 1kg/ha. Clover should have at least 3 trifoliolate leaves, and pastures **must be grazed** prior to application to remove clover foliage and minimise clover damage. Ensure any nitrogen deficiency is addressed before applying **AGPRO 2,4-D Amine 800 WSG**. Apply **AGPRO 2,4-D Amine 800 WSG** 3 - 7 days after the first full grazing.

Clover growth will be suppressed for 3 - 4 months. Application of **AGPRO 2,4-D Amine 800 WSG** to ungrazed seedling clovers may result in some plant mortality.

ANIMAL SAFETY

Poisonous plants (e.g. including but not limited to ragwort) may become more palatable after spraying. If concerned that stock health may be affected, stock should be kept away from the area until the plants have died down.

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

RESISTANCE MANAGEMENT

GROUP	4	HERBICIDE
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AGPRO 2,4-D Amine 800 WSG contains a herbicide that act like indole acetic acid (auxin mimics). Naturally occurring biotypes resistant to **AGPRO 2,4-D Amine 800 WSG** and other phenoxy herbicides are known to exist. These become more prevalent after many years of continuous use of the product. Species with known resistant biotypes include nodding thistle, giant buttercup and slender winged thistle. To prevent or delay the development of resistant weeds use **AGPRO 2,4-D Amine 800 WSG** in tank mixes where appropriate, and/or in rotations with herbicides having a

different mode of action against the weed.
Refer to www.resistance.nzpps.org for further resistance management advice.

COMPATIBILITY

AGPRO 2,4-D Amine 800 WSG is compatible with most other agricultural chemicals. **AGPRO 2,4-D Amine 800 WSG** may be incompatible with some foliar fertilisers, especially where water rates below 50L/ha are used. If compatibility is unknown, make up a small test batch before mixing large quantities. **AGPRO 2,4-D Amine 800 WSG** is not compatible with Reaction 9-5-6 or Reaction 14-4-4.

APPLICATION RATE

Maximum application rate of 3.65 kg/ha **AGPRO 2,4-D Amine 800 WSG** (equivalent to 2.9247kg a.i./ha) with one application per season.

CROP	RATE kg/ha	NOTES
Wheat Barley Millet Ryecorn	1.0 - 1.5	Apply from 6 leaf stage to jointing (when nodes are visible at the base of the stem). Do not apply to wheat or barley between jointing and flowering. Rapidly growing spring sown cereals should be treated with MCPA. Critical comment: Application to crops outside recommended growth stages or crops stressed due to insect damage or moisture stress may cause serious injury including yield loss. Inspect crops before application to check condition and growth stage.
Oats	1.0	Use only on autumn sown oats and treat in the following spring when plants are fully tillered. Use MCPA on spring sown oats.
Pasture	1.0 - 3.0	Refer to Weeds Controlled Table for guidance. Graze area to be treated to expose weeds and reduce clover leaf. Then leave one week to freshen up before spraying. As treated weeds are more palatable to stock, avoid grazing for 7 days after spraying.

WEEDS CONTROLLED IN CEREALS

At 1.0kg/ha — fathen, hedge mustard, nettles, shepherd’s purse, wild turnip.
At 1.5kg/ha — black nightshade, calandrinia, docks (seedlings), thistles.
Checked at 1.5kg/ha — chamomiles, cornbind, regrowth docks, fumitory, spurrey, stinking mayweed, willow weed, wireweed, yarrow, vetch. For best results use an alternative cereal herbicide.

WEEDS CONTROLLED IN PASTURE

WEED	RATE kg/ha	STAGE	NOTES
Apple of Peru	2.0	Spray young plants	Only susceptible when young.
Bathurst burr	1.5 - 2.0	Seedlings only	
Black nightshade	1.5 - 2.0	Seedlings	

RAINFALL

Rainfall within 6 hours following application may reduce effectiveness.

DIRECTIONS FOR USE

MIXING

Add two thirds of the required quantity of the water to the spray tank. With the agitation system going, add the product to the spray tank. Agitate for 3 - 5 minutes while adding remaining water.
Ensure **AGPRO 2,4-D Amine 800 WSG** is completely dissolved before spraying. Agitate from the bottom if allowed to stand.

WEED	RATE kg/ha	STAGE	NOTES
Bur medick	1.0 - 1.5	Seedlings	
	1.5 - 2.0	Small rosettes	
Californian thistle	1.5 - 2.0	Hard ball stage	Do not spray hay or silage paddocks. Graze paddocks before application to remove clover foliage. Some clover suppression may occur. Repeat applications will be required to achieve good levels of control.
Catsear	1.0 - 1.5	Seedlings	
	1.5 - 2.0	Small rosettes	
Charlock	1.5	Rosette stage	
Cresses	1.0 - 1.5	Seedlings	
	1.5 - 2.0	Small rosettes	
Dandelion	1.0 - 1.5	Seedlings	
	1.5 - 2.0	Small rosettes	
Docks	2.5	2 - 4 leaf seedlings only	Will not control regrowth from root chips.
Fathen	1.0 - 2.0	Spray pre-flowering	
Hedge mustard	1.0 - 1.5	Seedlings	
	1.5 - 2.0	Small rosettes	
Hemlock	2.0 - 3.0	Seedlings / young rosettes	Multi-crown or second year plants will not be controlled (toxic to stock).
Mustards	1.0 - 2.5	2 - 4 leaf up to rosette	
	1.5 - 2.5	Seedlings - young plants	Graze to expose weeds and reduce clover.
Nodding thistle	2.0	Seedlings	Root crowns less than 2cm.
	2.5 - 3.0	Rosettes	Root crowns 2 - 4cm, before flower stalk develops.
Parsley dropwort	2.5	Seedlings	
Pennyroyal	1.5 - 2.0	Prior to flowering	Apply in spring after seedling germination.
Plantains	2.0 - 2.5	Seedlings to small rosettes	
Ragwort	2.0 - 3.0	Seedling / small rosettes	Large rosettes or multi-crowns require spot treatment with other herbicides.
Redroot	1.0 - 1.5	Seedlings	
	1.5 - 2.0	Small rosettes	
Scotch thistle	1.0 - 1.5	Seedlings	
	1.5 - 2.0	Rosettes	

WEED	RATE kg/ha	STAGE	NOTES
Shepherd's purse	1.0 - 2.0	Seedlings / small rosettes	
Storksbill	1.5 - 2.0	Seedlings	Graze to expose weeds and reduce clover.
	2.0 - 3.0	Rosettes	Well established plants may only be checked.
Thornapple	3.0	Seedlings only	Established plants are not well controlled.
Variegated thistle	1.5 - 2.0	Seedlings	
	2.0 - 3.0	Rosettes	
Vetch	1.5	Spray at multiple leaf stage	
Wild carrot	2.5	Seedlings	
Wild radish	1.5 - 2.5	Seedlings to young rosette stage	
Wild turnip	1.5	2-4 leaf up to rosette stage	
Willow weed	2.0 - 3.0	Seedlings	Established plants are not well controlled.
Winged thistle	2.0	Seedlings	
	2.5 - 3.0	Rosettes	Prior to flower stalk development.

PLANT BACK PERIODS

2,4-D has soil activity which may be exacerbated by dry soil conditions. To ensure that susceptible species (e.g. brassicas, grasses, clovers) are not damaged by 2,4-D soil residues, do not plant for 4 weeks after application.

Aerial Application: Read Spray Drift Hazard and Aerial Application sections of this label.

High Volume Spot Treatment: Use 500g/100 litres water with a pressure of 600-800kPa and a No. 4 tip and apply as a fine wetting spray. Spray marker dye can be used to identify treated plants.

Knapsack: Use 50g/10 litres water.

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 2,4-D. 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.