

**orion** AGRISCIENCE



**HARMFUL | CORROSIVE | ECOTOXIC**  
KEEP OUT OF REACH OF CHILDREN

# Ammo<sup>®</sup>

## MAX

# HERBICIDE

For the control of broadleaf weeds in  
CEREALS and PASTURE.

**Active Ingredient:**

720g/litre 2,4-D as the diethanolamine and dimethylamine salts in the form of a soluble concentrate.



**20 Litres**



## PLEASE READ THE LABEL COMPLETELY BEFORE USE

### HAZARD CLASSIFICATIONS: 6.1D, 6.9A, 8.3A, 9.1B, 9.2A, 9.3B

#### WARNING: TOXIC, CORROSIVE, ECOTOXIC

May be harmful if swallowed, inhaled or absorbed through the skin. May cause organ damage from repeated ingestion at high doses. Danger - May cause eye damage. Toxic to aquatic organisms. Very toxic to some plant species. Toxic to terrestrial vertebrates.

#### PRECAUTIONS

APPROVED HANDLER: This product must be under the control of an approved handler during use.

STORAGE: Keep out of reach of children. Store in the original, tightly closed container, in a secure place away from foodstuffs. Storage of certain quantities of this product trigger specific storage requirements (Refer to Safety Note). When stored appropriately this product should show no significant degradation for two years from the date of manufacture. Contact your supplier for further information about the use of product that is older than this.

PERSONAL PROTECTION: Avoid contact with eyes and skin. Avoid inhalation of spray mist. When mixing or applying, wear overalls, boots, gloves, and eye protection. Clean protective clothing daily after work. Do not eat, drink or smoke while using. Remove protective clothing and wash hands and face thoroughly before meals and after work.

USE: Apply with well maintained and calibrated spray equipment.

DISPOSAL: Dispose of this product only by using in accordance with this label, or at a suitable landfill. Triple rinse container and add rinseate to the spray tank. Dispose of container to a suitable landfill or agricultural recycling scheme. Do not burn. Do not use container for any other purpose.

ENVIRONMENTAL: Use this product carefully. Do not contaminate aquatic environments with product, spray drift or empty container. Spray drift or equipment contamination may cause serious damage to desirable plants and susceptible crops such as vegetables, flowers, fruit trees, ornamental shrubs, grapes and tomatoes. Do not use the same equipment to apply other chemicals to susceptible crops unless decontaminated completely. Do not allow spray drift outside the target area to occur. Spray in a constant light breeze that is away from sensitive crops. Application to drains and ditches must only be made when these waterways are dry and at least one month is allowed to elapse before the channels are used for carrying water. Check your regional council rules for specific requirements.

#### First Aid

If swallowed do not induce vomiting. If splashed in eyes, wash out immediately with running water for several minutes. If skin or hair contact occurs, remove contaminated clothing and wash with soap and running water. If inhaled, immediately move to fresh air and rest. Maintain half upright position if breathing is difficult. Call the National Poisons Centre **0800 POISON (0800 764 766)** (24 hrs) or a doctor immediately for advice.

#### Emergency Response

In a transport emergency call **111, Police or Fire Brigade**. For specialist advice in an emergency only, call **0800 CHEMCALL (0800 243 6225)** (24 hrs).

#### Spillage

Exclude non-essential people from the area. Wear protective clothing and prevent material 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 a suitable landfill.

#### Safety Data Sheet

Additional information is provided in the safety data sheet. Freephone **0800 ORIONAS (08006746627)** or visit [www.orionagriscience.co.nz](http://www.orionagriscience.co.nz).

#### GENERAL INFORMATION

Ammo Max is a non-volatile selective herbicide for control of a range of broadleaf weeds in pasture and cereals. Best results are obtained when weeds are in the seedling stage of growth. Use the lower rates on seedling weeds, higher rates on larger weeds, or under dry hardened growth conditions. Avoid application where the crop or weeds are under stress, e.g., frost, drought.

#### Weeds Controlled in Cereals

Fathen, hedge mustard, nettles, shepherds purse, wild turnip (at lower rate)

Black nightshade, calandrina, docks (seedling), thistles (at higher rate)

Chamomiles, combind, docks (regrowth), fumitory, spurrey, stinking mayweed, willow weed, wireweed, yarrow, vetch (checked at higher rate only)

#### Weeds Controlled in Pasture:

A wide range of seedling weeds, including thistles and ragwort. However, larger weeds and established biennial weeds may not be well controlled. Perennial weeds will not be well controlled.

The following weeds will not be controlled: Chickweed, cleavers, grasses, hollycote, stinking mayweed, oxalis, prostrate amaranth, parsley piert, pearlwort, sorrel, staggenweed.

#### DIRECTIONS FOR USE

**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.**

#### SPOT SPRAYING

Knapsack: 55 mL in 10 litres of water.

Hand Gun: 550 mL in 100 litres of water.

Batch No:

Date of manufacture:

AMMO MAX

### RATE AND TIMING OF APPLICATION

CROP	RATE PER HECTARE	CRITICAL COMMENTS
Barley Millet Ryecorn Wheat	1.1 – 1.7 litres	Apply from 6 leaf stage of crop to jointing (when nodes are visible at the base of the stem). Do <b>NOT</b> apply to barley or wheat between jointing stage and flowering. Spring sown cereals undergoing rapid growth should be treated with MCPA, eg, Orion MCPA 750
Oats	1.1 litres	Apply to autumn sown oats only, and treat in the following spring when plants are fully tillered. For spring sown oats, use MCPA, eg, Orion MCPA 750
Pasture	1.7 – 3.4 litres	Use the lower rate for seedling weeds and small plants, the higher rate for more mature plants. Treat seedling weeds in late autumn or early winter.

### APPLICATION METHODS

Ammo Max can be applied with conventional ground and aerial equipment. Use a water rate of 100 – 300 litres per hectare for ground spraying, 30 – 100 litres per hectare for aerial spraying. Use the higher water rates for difficult to control perennial weeds. For aerial application, to minimise damage to susceptible vegetation within 500 metres, use low drift nozzles which minimise the production of small droplets (100 microns).

### MIXING

Thoroughly fill the spray tank with water, and add the required quantity of Ammo Max. Maintain agitation through filling and spraying.

### COMPATIBILITY

Ammo Max is compatible with most commonly used herbicides.

### RAINFALL

Do not spray if rain is expected within 6 hours of spraying.

### PASTURE MANAGEMENT

Ammo Max is damaging to all clovers, particularly red, subterranean and suckling clover. To minimise pasture damage, graze pasture to reduce clover leaf and to expose target weeds, and leave for one week to allow weeds to recover before spraying. Buttercup is better controlled with MCPA, eg, Orion MCPA 750. To improve control of thistles, add a clopyralid herbicide, e.g., Void™ at 100 mL per hectare. **NOTE:** Clopyralid will severely suppress clovers, which may take 6 – 12 months to recover. Bindweeds and Californian thistle will require repeat treatments.

**New Pasture:** Ammo Max can be used in newly established pasture, but the maximum application rate should not exceed 1.7 L/ha (1.1 L/ha if red clover has been sown). Clovers must have at least 3 trifoliolate leaves, and pasture must be grazed 3 – 7 days before application to remove clover foliage and minimise clover damage. Soils should have adequate nitrogen status. Clover growth will be suppressed for 3 – 4 months.

### WITHHOLDING PERIODS

Poisonous plants, eg ragwort, may become more palatable after spraying, and livestock should be kept out until plants have died down. For animal safety reasons, do not graze treated pasture for two weeks after application. This will also allow Ammo Max to penetrate throughout the weed for maximum effectiveness.

### RESISTANCE MANAGEMENT

GROUP	01	HERBICIDE
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Ammo Max contains 2,4-D, which belongs to the phenoxy chemical group. Some naturally occurring weeds may become resistant when excessive use of the same herbicide occurs. To prevent or delay the development of resistance, use in tank mixes and/or rotate use with herbicides with a different mode of action. Consult <http://resistance.nzps.org/index.php> for alternative modes of action and details of resistance management strategies (if any) for the crops listed on the label.

### WARRANTY

This formulation is warranted to contain the specified active ingredient within accepted analytical tolerance when packed. The user bears the risk for damage resulting from factors beyond the manufacturer's control. The manufacturer declines all liability for damage resulting from improper storage or use of the product.

Registered pursuant to the ACVM Act 1997, No. P7782

See [www.foodsafety.govt.nz](http://www.foodsafety.govt.nz) for registration conditions.

Approved pursuant to the HSN0 Act 1996, No. HSRO07878

See [www.epa.govt.nz](http://www.epa.govt.nz) for approval conditions.

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