

### **ECOTOXIC**

# Knock Out Extra

## **HERBICIDE**

A non-residual, non-selective herbicide for weed control prior to planting crops and pasture, prior to harvesting some crops and for general weed control in horticulture, agriculture, and forestry.

## ACTIVE INGREDIENT 540g/litre glyphosate

as the potassium salt in the form of a soluble concentrate.







**Net contents:** 

20 L



#### PLEASE READ THE LABEL COMPLETELY BEFORE USE

#### HAZARD CLASSIFICATION

Hazardous to the aquatic environment (chronic) Category 2.



#### **ECOTOXICITY**

Toxic to aquatic life with long-lasting effects.

Use this product carefully. Do not contaminate aquatic environments with product, spray drift or empty container. Non-selective herbicide - toxic to plants. Avoid contact with foliage or green stems of fruit or crops, desirable plants and trees, since severe injury or death may occur.

Beware: Spray drift hazard. Apply this product carefully. Spray drift may cause serious damage to other desirable plants. Do not allow drift to occur outside the target area. If accidental spraying occurs, immediately wash spray off foliage with plenty of water to minimise damage.

Do not apply concentrate product directly onto or into water. Follow label instructions.

**QUALIFIED HANDLER** This product must be under the control of a suitably qualified handler when applied onto or into water and the water has the potential to leave the place containing the application area.

#### HANDLING PRECAUTIONS

**PERSONAL PROTECTION** Avoid contact with eyes and skin. Avoid inhalation of spray mist. When handling, mixing or applying, wear overalls, boots, gloves and eye protection. Clean protective equipment 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.

STORAGE Keep out of reach of children. Store in the original, tightly closed container, in a secure place away from feed or foodstuffs. Storage of 1000 L or more requires signage, secondary containment and an emergency response plan. 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.

USE Apply with well-maintained and calibrated spray equipment.

SPILLAGE and DISPOSAL Collect spill. 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 waste container. Wash area with water, and absorb with further inert material. Dispose of safely to a suitable landfill.

**Product Disposal** Dispose of this product only by using in accordance with this label, or at a suitable landfill. Triple rinse container and add rinsate to the spray tank.

**Container Disposal** Ensure container is completely empty. Triple rinse container and add residue to mixture. Recycle containers if possible through an agrichemical recycling service, otherwise bury in an approved land fill. Otherwise crush and bury in a suitable land fill.

#### FIRST AID

For advice, call the National Poisons Centre 0800 POISON (0800 764 766) (24 hrs) or a doctor. If swallowed do NOT induce vomiting. Rinse mouth. Get medical advice if you feel unwell. If skin or hair contact occurs, remove contaminated clothing and wash with soap and water. Get medical advice if irritation persists.

If splashed in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical attention. If inhaled, remove to fresh air and keep at rest until recovered. Get medical advice if person feels unwell.

#### **Emergency Response**

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

#### **GENERAL INFORMATION**

**Knock Out Extra** is a broad spectrum, non-selective, non-residual herbicide that is not volatile and may be used in agriculture, horticulture, drains, aquatic areas, forestry and for other uses including general weed control.

Knock Out Extra is recommended prior to sowing pasture, crops and for the control of a wide range of brushweeds. Knock Out Extra is absorbed by plant foliage and green stems. It is inactivated immediately upon contact with the soil and does not provide residual weed control. Knock Out Extra moves from the point of foliage or stem contact into the root system controlling the plant above and below the ground. Visible effects may take up to 14 days or even longer depending on growing conditions. These effects are a gradual wilting and yellowing of the foliage

which advances to deterioration of above and below ground parts.

Apply **Knock Out Extra** only to healthy, actively growing plants with adequate leaves for herbicide uptake. Avoid treating plants that are silt laden or affected by drought, frost, water logging, grazing or previous herbicide application.

Rainfall occurring up to 2 hours after application may reduce effectiveness. When Organosilicone is added the rainfree period may be reduced to 30 minutes. If **Knock Out Extra** is applied to wet plants, efficacy may be reduced due to runoff.

After application of **Knock Out Extra** a withholding period for grazing stock is not required (except where ragwort is present). However, it is recommended that grazing or cultivating is delayed for 1 day after treatment of annual weeds or 3 days if perennial weeds are present to ensure absorption of **Knock Out Extra**.

With brushweeds wait for stem dehydration to occur prior to burning or slashing.

#### **RESISTANT WEEDS WARNING**

GROUP 9 HERBICIDE

Knock Out Extra contains the active ingredient glyphosate, which belongs to the glycine chemical group. Some naturally occurring weeds may become resistant when excessive use of the same herbicide occurs. Consult http://resistance.nzpps.org/index.php for alternative modes of action and details of resistance management strategies (if any) for the weeds or crops listed on the label.

#### CONDITIONS OF SUPPLY

READ THESE CONDITIONS OF SUPPLY BEFORE BUYING AND USING. IF THESE CONDITIONS ARE UNACCEPTABLE, RETURN AT ONCE UNOPENED.

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 or registrants control. The manufacturer and registrant decline all liability for damage resulting from improper storage or use of the product.

Registered pursuant to the ACVM Act 1997, No. P10203 See www.foodsafety.govt.nz for registration conditions. Approved pursuant to the HSNO Act 1996, No. HSR100587 See www.epa.govt.nz for approval controls.

> 24 HOUR EMERGENCY CONTACT

CALL 0800 243 622

CALL 0800 POISON (0800 764 766)

IN A TRANSPORT EMERGENCY

CALL 111

POLICE OR FIRE BRIGADE



Registrant: AgStar New Zealand Pty Ltd

4 Putakitaki Street, Lincoln, 7608

Distributed by: Farmlands Co-operative Society Limited

535 Wairakei Road, Burnside, Christchurch 8053 TEL: 0800 200 600

Batch No.

Date of Manufacture.

For more information, find us at www.agstar.co.nz



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