

# WARNING

KEEP OUT OF REACH OF CHILDREN

READ SAFETY DIRECTIONS BEFORE OPENING OR USING

# KOMODO®



## HERBICIDE

Contains: 380 g/litre acetochlor in the form of a capsule suspension


**For selective pre-emergence weed control in  
fodder beet, sugar beet and maize**

**NET CONTENTS: 10 LITRES**

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**arxada**

	<b>GHS CLASSIFICATION</b> Eye irritation Cat. 2 Skin sensitisation Cat. 1 Specific target organ toxicity (repeated exposure) Cat. 2  Hazardous to the aquatic environment acute & chronic Cat. 1 Hazardous to soil organisms	<b>HAZARD STATEMENT</b> Causes serious eye irritation. May cause an allergic skin reaction. May cause damage to organs through prolonged or repeated exposure.  Very toxic to aquatic life with long lasting effects. Very toxic to the soil environment.
<p><b>FIRST AID:</b> IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. IF 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 advice/attention.</p> <p><b>PERSONAL PROTECTION:</b> Do not breathe vapours/spray. Use only outdoors or in a well-ventilated area. Wear protective gloves, protective clothing, eye protection and face protection. Contaminated work clothing should not be allowed out of the workplace.</p> <p><b>STORAGE:</b> Store locked up. Store in original container, tightly closed and in a dry, cool area away from foodstuffs and feed. Store in accordance with NZS 8409 Management of Agrichemicals.</p> <p><b>DISPOSAL:</b> Avoid contamination of any water supply with product or empty container. Triple rinse empty container placing rinse water in the spray tank. If recycling, discard cap and deliver clean container to an Agrecovery depot or crush and bury in an approved landfill. Dispose of product only by using according to this label, or at an approved landfill or disposal facility.</p> <p><b>SPILLAGE:</b> Wear appropriate protective clothing. Exclude all bystanders from the vicinity of the spill and prevent material from entering waterways. Contain liquid spills and absorb with inert material and place in waste container. Wash area with water and absorb with further inert material. Dispose of waste safely in an approved landfill.</p> <p><b>RECORD KEEPING:</b> Records of use must be kept if 3 litres or more of this product is applied within 24 hours.</p> <p><b>SAFETY DATA SHEET:</b> Additional information is listed in the Safety Data Sheet available from Arxada NZ Limited or <a href="http://www.arxada.co.nz">www.arxada.co.nz</a></p> <p><b>QUALIFICATION REQUIREMENTS:</b> Persons mixing, loading, applying, or otherwise handling Komodo must meet qualification requirements set out in the EPA Hazardous Substances (Hazardous Property Controls) Notice 2017.</p>		

**PLEASE READ THE ENTIRE LABEL BEFORE MIXING OR USE. SHAKE OR STIR WELL BEFORE USE.**

**GENERAL INFORMATION:** KOMODO is a selective, residual pre-emergent herbicide for use in controlling certain seedling weeds in fodder beet, sugar beet and maize. KOMODO is taken up by the roots and shoots of susceptible germinating seedlings, leading to eventual death.

**DIRECTIONS FOR USE:**

KOMODO must be applied before weed emergence to control a range of annual grasses and broad-leaved weeds. For reliable weed control and crop safety KOMODO must be applied after sowing (drilling) and before crop emergence. Apply KOMODO to a freshly prepared, fine, moist, firm surface that is free of clods and trash. Weeds growing from old roots or from under clods, rocks or soil lumps will not be controlled.

CROP	RATE/HA	TIMING	CRITICAL COMMENTS
Fodder beet Sugar beet	2 L/ha	Apply immediately after sowing	Apply as a broadcast spray immediately after planting and before crop and weed emergence. Best results will be achieved when applied to moist, firm, well cultivated soil. Suppression may occur especially under cold and/or wet conditions. This suppression is transient and overall yield is not reduced. May be tank mixed with Expo 2 L/ha, or metatriton based herbicides at 2 L/ha however transient suppression may be increased under certain conditions. Reduced control may be seen with this rate on weeds such as fathen, field pansy, summer grass, willow weed, and wireweed. Tank mix partners may be required in these cases, or the application of early post emerge herbicides to be applied as necessary.
Maize	5.5 - 6.6 L/ha	After planting	Apply in at least 200L of water per hectare immediately after sowing and prior to crop and weed emergence. Use the higher rate on soils high in clay or organic matter content. The soil surface should be firm and free of trash and clods. Under very dry conditions, surface blending or a pre-plant soil incorporated application may be beneficial.

**WEEDS CONTROLLED:** Susceptible weeds will be controlled under good conditions. Low or excessive rainfall, poor soil preparation, cloddy or high organic matter soils may reduce the efficacy of weed control.

RATE	Susceptible weeds	Moderately Susceptible
2 L/ha	Black nightshade Chickweed Broad-leaved dock Redroot Shepherd's purse Scrambling speedwell	Fathen Spurrey Twin cress
5.5 - 6.6 L/ha	Annual poa Barnyard grass Black nightshade Broadleaf dock Bristle grass Green bristle grass Rough bristle grass Chickweed Seedling Johnson grass	Redroot Scotch thistle Scrambling speedwell Shepherd's purse Smooth witchgrass Stinking mayweed Summer grass Twin cress  Fathen Willow weed Cornbind Field pansy Fumitory Spurrey Wild radish Wireweed

**Resistant or Poorly Controlled:** Perennial weeds or weeds emerging from root chips (e.g. dock), bulbs, stolons (e.g. clover) etc.

**Compatibility:** KOMODO may NOT be compatible with some knockdown herbicides based on glyphosate. It is advised to conduct a bucket test before attempting such mixture and ensure that KOMODO is fully mixed prior to the addition of the glyphosate product. KOMODO is compatible with most other commonly used herbicides and insecticides. May be tank mixed with Expo (ethofumesate) and metatriton based herbicides when used in fodder and sugar beet - see critical comments section. KOMODO is compatible with Squall for drift reduction, and Li700.

**APPLICATION:**

**For Broadcast Spraying:** Use conventional ground rig boom application equipment fitted with fan nozzles to deliver at least 200 litres of water per hectare in coarse droplets. Do not overlap spray swathes as significant and prolonged suppression of the crop may occur.

**Drilling:** Where the crop is drilled prior to the application of KOMODO, ensure that all seed is adequately covered. Do not apply to bare seed. In direct drilling situations ensure drill lines are closed. If the crop is direct drilled after application, weeds may germinate from the drill row as there may be insufficient contact with the herbicide as the weeds emerge.

**Soil Type:** Avoid use on very light soils (CEC<10) and/or very cold soils and/or very wet soils as excessive crop damage may occur. Weed control may be reduced on very heavy soils (CEC>30).

**Soil Moisture:** Up to 10 mm of rain or irrigation is required within 10 days of application to fully activate KOMODO.

**Mixing:** Shake or stir well before use. Add KOMODO slowly through the filler screen to the partly filled spray tank. Fill tank with water and maintain agitation at all times including any stoppages. If the mixture is allowed to settle, thorough agitation will be required to re-suspend it. Do not store tank mixed product overnight. When applying mixtures, add each component separately and mix completely.

**Crop Rotation:** In the event of a crop failure within two months of sowing, brassicas and beets may be replanted. Do not reapply KOMODO. Use a post emergence herbicide. Follow-on crops may be affected by KOMODO especially ryegrasses when used in light soils, particularly under minimum tillage and dry conditions, as it may persist for several months. Under normal seasonal rainfall, growing conditions, and deep cultivation prior to planting, follow-on crops containing ryegrass, cereals, and forage herbs may be planted after four months. If herbicide persistence is suspected sow a small area of the intended crop to test for any negative effects such as crop delay or suppression before planting large areas.

**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.**

**GRAZING WITHHOLDING PERIOD:**

**Fodder beet, Sugar beet, and Maize:** Use prior to crop emergence.

**RESISTANCE MANAGEMENT:** **GROUP 15 HERBICIDE**

KOMODO contains acetochlor - an alpha-chloroacetamide herbicide, with the inhibition of cell division mode of action. Naturally occurring weed biotypes resistant to this herbicide could develop. These resistant weeds may dominate a population when KOMODO or other related herbicides are used exclusively. To minimise any possible resistance risk, use strictly in accordance with the label instructions and use alternative mode of action group herbicides at other times.

For further information see: [www.resistance.nzpps.org](http://www.resistance.nzpps.org)

**NOTICE TO BUYER:** The manufacturer and vendors of KOMODO warrant the formulation to contain the specified active ingredients within accepted tolerance but make no warranty of any kind on the uses of material and accept no responsibility, whether the material is used in accordance with the label directions or not.

**REGISTERED TO:** Arxada NZ Limited, Hudson Rd, New Plymouth, New Zealand.

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D.O.M:

BATCH NO:

