

## INSTRUCTIONS - LEKTOR

### HAZARD CLASSIFICATIONS

**CLASSIFICATIONS** 6.3B, 6.4A, 6.9B, 9.1A, 9.2A

**TRAINED HANDLER:** This product must be under the control of a suitably approved trained handler during mixing, loading and use. This product must not be used for any purpose or in any manner contrary to this label unless authorized under appropriate legislation.

**TOXICITY** Warning - Cause eye irritation and mild skin irritant. May cause organ damage from repeated oral exposure at high doses.

**ECOTOXIC** Very toxic to aquatic organisms with long lasting effects. Do not apply directly into or onto water. Avoid contamination of any water supply with chemical, empty container or spray drift. 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. Do not allow spray drift to occur outside of the target area.

**GENERAL INFORMATION:** LEKTOR is a selective herbicide for the control of a wide range of broadleaf weeds in grain and silage maize. It can be applied either pre or post emergence and is absorbed through the leaves, shoots and roots of weeds, interfering with carotenoid biosynthesis. Complete weed death may take up to 2 weeks.

**FIRST AID:** If swallowed do NOT induce vomiting. Rinse mouth. For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor if person feels unwell. If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If in eyes, rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye or skin irritation occurs, get medical advice. If inhaled move the victim to fresh air immediately. Begin artificial respiration if breathing has stopped and get immediate medical assistance.

**Registered to:** Shandong Rainbow International Co. Ltd, 19th & 20th Floor, Hanyu Financial Centre, Building A3-4, No. 7000 East Jingshi Road, Jinan, China 250101

**NZ Address:** 6 Horlicks Place, Randwick Park, Auckland 2105, Tel: (021)148 8620

**Marketed and Distributed by:** Donaghys Ltd, 16 Sheffield Crescent, Harewood PO Box 20 499, Christchurch 8543, Tel: 0800 942 006

Batch: RF20RFA2221  
D.O.M.: 10/07/2020



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**WEEDS CONTROLLED:** LEKTOR is effective against a range of broadleaf weeds including Bathurst bur, black nightshade, chickweed, dandelion, fathen, (includes triazine resistant fathen), fennel, fishtail oxalis, galinsoga, hairy nightshade, mallow, redroot, seedling docks, spurrey, stagger weed, twin cress, willow weed, wireweed. LEKTOR is only partially effective against grass weeds. It is recommended that LEKTOR is used in conjunction with other herbicides to provide broad spectrum weed control (See under "Rates of Application" below)

### HANDLING PRECAUTIONS

**STORAGE** Store in original container tightly closed and in a locked dry cool area away from foodstuffs, seeds and fertilizers. Store in accordance with NZS 8409 Management of Agrichemicals. Stores containing 100 litres are subject to signage and secondary containment, and more than 100 litres require emergency response plans.

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

**EQUIPMENT** Apply using well maintained and accurately calibrated spray equipment.

**DISPOSAL** Triple rinse container and add rinsate to the spray tank. Recycle empty container, otherwise crush and bury in a suitable landfill. Disposal of product only by using according to the label, or at an appropriate landfill.

**SPILLS:** Wear appropriate protective clothing and prevent material from entering waterways. Absorb spills with inert material and place in waste containers. Wash area with water and absorb with further inert material. Dispose of waste safely (such as to a suitable landfill).

**TRANSPORT:** Do not carry this product on a passenger service vehicle.

**RECORD KEEPING:** Records of use as described in NZS 8409 Management of Agrichemicals must be kept if 3 litres or more of LEKTOR is applied within 24 hours.

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**MIXING:** Shake well before using. Pour the measured quantity of LEKTOR into the partly filled spray tank, then top up with water. Agitate thoroughly during filling and spraying and before recommencing spraying after a stoppage.

**RESISTANCE MANAGEMENT:** LEKTOR is a GROUP F2 HERBICIDE from the triketone chemical group with the inhibition of 4-hydroxy phenylpyruvate - dioxigenase (4-HPPD) mode of action. To prevent or delay the development of resistance use LEKTOR in tank mixes where appropriate and/or in rotation with herbicides having a different mode of action against the weed. Consult [www.nzpps.org/resistance/index.php](http://www.nzpps.org/resistance/index.php) for alternative modes of action and the details of resistance management strategies (if any) for the crops listed on the label.

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

### DIRECTIONS FOR USE:

#### RATES OF APPLICATION:

**Pre-emergence:** Use 350-450ml of LEKTOR per hectare. To increase the spectrum of weed activity use in combination with 1.7 litres/ha of Atrazine 600g/L SC or 1.1 kg/ha Atrazine 90% WG, or 2.3-3 litres/ha of Acetochlor 840g/L EC.

**Post-emergence:** Use 150-200ml of LEKTOR per hectare. To increase the spectrum of weed use in combination with 0.8-1.25 litres/ha of Atrazine 600g/L SC or 0.4-0.7 kg/ha Atrazine 90% WG, or 300-600 ml/ha Dicamba 500g/L SL, or 80-110g/ha nicosulfuron 75% WG.

For optimum post emergent weed control, particularly against grasses, LEKTOR must be used in tank mixture with oil adjuvant at 500ml-1L per 100 litres. Do NOT use methylated seed oil adjuvants or cationic surfactants. Do NOT use oil adjuvant when tank mixing with Dicamba 500g/L SL or Bromoxynil SC.

NOTE: Overseas literature indicates that the efficacy of nicosulfuron may be reduced when it is applied in tank mixture with LEKTOR, especially against yellow bristle grass.

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### TIMES OF APPLICATION:

**Pre-emergence:** Apply to the freshly prepared seedbed immediately after planting and before crop emergence.

**Post-emergence:** LEKTOR is most effective when applied to weeds up to the 8 leaf stage. Providing the spray has dried on the foliage, light rain after post emergent spraying will not affect the results. Otherwise, rain within 3 hours of treatment may reduce effectiveness.

### APPLICATON METHODS:

**Boom spraying:** Use 100-300 litres of water per hectare. Use the higher volumes when used in conjunction with other herbicides and when spraying larger weeds. Do not use strainers finer than 300 micrometers. Dry conditions following application may reduce pre-emergence effectiveness. If activating rain is not received with 7-10 days after a pre-emergence application, rotary hoeing is recommended to activate the herbicide.

### WARNINGS:

**Organophosphate or carbamate insecticides:** Severe crop damage can occur if LEKTOR is applied in a tank mix with any organophosphate or carbamate insecticide, or within 7 days of any such application. LEKTOR may be applied with pyrethroid insecticides

**Bleaching:** Transient bleaching may occur after post emergent applications if undertaken when the crop is stressed, e.g. drought. The crop will outgrow this and develop normally. Yield will not be affected.

**Popcorn and Sweetcorn:** LEKTOR can be phytotoxic to varieties of popcorn and sweetcorn, and is not recommended 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.**

**WITHHOLDING PERIOD:** Grain maize and green feed/silage: 70 days from the last application.

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**SOIL RESIDUES:** To minimise soil residues which could affect subsequent crops, areas treated with LEKTOR should be ploughed and cross cultivated between crops to ensure maximum dispersal of residues. Because residues may result from the use of LEKTOR, planting of certain crops should be delayed to allow residues to decay. Allow at least 6 months before sowing white clover or ryegrass. Allow at least 12 months for legume crops such as lucerne, peas and red clover.

Registered pursuant to the ACVM Act 1997, P8780

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

Approved under the HSNO Act 1996, HSR100665

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