

**HARMFUL, ECOTOXIC,
COMBUSTIBLE LIQUID**

KEEP OUT OF REACH OF CHILDREN



Stratos™

HERBICIDE

Contains: 200g/litre flumetrol-M-isopropyl in the form of an emulsifiable concentrate

**For selective control of wild oats in wheat,
barley and ryegrass seed crops**



PLEASE READ ENTIRE LABEL BEFORE USE.**HAZARD CLASSIFICATION:** 3.1D, 6.1E, 6.3B, 6.4A, 9.1B**Also contains 640g/L hydrocarbon liquid.****APPROVED HANDLER:** This product must be under the control of an approved handler during use. See MSDS for details.**WARNING:** Combustible liquid - keep away from sources of ignition. May be harmful if swallowed, inhaled or absorbed through the skin. May cause skin and eye irritation. Avoid contact with skin and eyes.**FIRST AID:** If swallowed DO NOT induce vomiting. For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately. If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. DO NOT scrub the skin. If splashed in eyes, wash out immediately with water for at least 15 minutes. If inhaled move the victim to fresh air immediately. Begin artificial respiration if breathing has stopped.**PERSONAL PROTECTION:** Avoid contact with skin or inhalation of spray mist. Ensure adequate ventilation when handling concentrate. Wear eye protection when handling the concentrate. Gloves should be worn at all times. Wash thoroughly after use and before eating. If re-entry work is required within 24 hours of application, personal protective equipment should be worn.**ECOTOXIC:** Toxic to aquatic organisms. Avoid contamination of any water supply with chemical or empty container.**STORAGE:** Store in original tightly closed container, in cool, dry conditions, out of direct sunlight, and away from fodder and foodstuffs. Keep out of reach of children.**DISPOSAL:** Triple rinse empty container and add rinsate to the spray tank. If recycling, discard cap and deliver clean container to an Agrecovery depot. Alternatively crush and bury in a suitable landfill. Dispose of product only by using according to this label, or at an approved disposal facility.**MATERIAL SAFETY DATA SHEET:** Additional information is listed in the MSDS available from Zelam Ltd or www.zelam.com.**Approved pursuant to the HSN0 Act 1996,** No: HSR100088. See www.epa.govt.nz for approval conditions.**Registered pursuant to the ACVM Act 1997,** No: P008051. See www.foodsafety.govt.nz for registration conditions.**DIRECTIONS FOR USE:** For wild oat (*Avena fatua*) control.**CEREAL CROPS**

CROP	TIMING	RATE/ha	COMMENTS
Wheat	Between mid-tillering (GS 23) but before third node (GS 33).	4 - 6 litres	Use 4 litres in vigorous, dense, well tillered crops under stress free growing conditions. Use 6 litres when growing conditions such as moisture availability are unfavorable and in open crops.
Barley	Between mid-tillering (GS 23) but before second node (GS 32).		

RYEGRASS SEED CROPS

TIMING	RATE/ha	COMMENTS
<p>Grazed Crops: Spray after closing to stock when the ryegrass is 12-25 cm high and before the most advanced wild oat tillers have reached the second node stage (usually before the end of October). Rapidly growing, vigorous crops with extensive top growth can be sprayed when the ryegrass is 12 cm high. In light open crops, delay spraying until the ryegrass top growth has increased sufficiently to provide strong competition for the wild oats. This point may not be reached until the crop is 25cm high.</p> <p>Ungrazed Crops: Spray when the wild oats are at mid tillering (GS 23) to first node (GS31) and both the crop and the wild oats are growing actively.</p>	4 - 6 litres	Use 4 litres/ha only when the crop is rapidly growing, vigorous and with extensive top growth and the wild oats are not past early tillering (GS 22). Use 6 litres/ha at all other times.

IMPORTANT INFORMATION: Application should be made when both the crop and the wild oats are actively growing. Good control may not be achieved if the wild oats are beyond the first node stage of development. Because crop competition is important for wild oat control Stratos will be less effective if applied to weak, open, or moisture stressed crops. Stratos must not be used on any cereal crops other than wheat or barley.**APPLICATION:** Use conventional ground spraying equipment and apply 200-400 litres of spray mix/ha. Use the higher water rate when the crop canopy is dense. Use a nozzle and pressure combination that will produce a fine penetrating spray. Avoid spray drift onto adjacent crops.**MIXING:** Add Stratos slowly to a two thirds full spray tank after mixture partners are fully dispersed. Agitate thoroughly during filling, spraying and after any stoppages. See below for advice on compatibility.**COMPATIBILITY:** Stratos may be tank mixed with herbicides containing chloresulfuron provided the optimum timing is observed. Do not apply any herbicide containing dicamba within 14 days before or after applying Stratos. Stratos may be applied as a tank mix with most commonly used cereal fungicides. Crop scorch is possible in mixture with fertilisers. Stratos may be mixed with growth regulators in wheat only. Growth regulators for barley should be applied 5 days after Stratos. Where growth regulators are used at an early crop stage Stratos may be used sequentially but some loss of wild oat control may occur.**RAINFASTNESS:** Do not apply if rain is likely within 3 hours following treatment.**It is an offence for users of this product to cause residues exceeding the relevant MRL in the New Zealand (Maximum Residues Limits of Agricultural Compounds) Food Standards.****WITHHOLDING PERIOD:** Do not graze or cut for stock feed within six weeks after application.**RESISTANCE MANAGEMENT:** **GROUP Z HERBICIDE** Stratos contains a herbicide from the arylaminopropionic acid group with an unknown but different mode of action. Certain weed biotypes resistant to Stratos could develop due to natural genetic variation. To minimise the risk of any resistant plants dominating the weed population use strictly in accordance with label instructions. Use alternative mode of action herbicides in other rotational crops where possible. For further information see www.resistance.nzpps.org**NOTICE TO BUYER:** The manufacturers and vendors of Stratos warrant the formulation to contain the specified active ingredient within accepted tolerance when packed but make no warranty of any kind on the use of this material and accept no responsibility for results, whether the material has been used in accordance with directions or not.**REGISTERED TO:** Tapuae Partnership, Hudson Road, New Plymouth, NZ.

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EMERGENCY PHONE: 0800 CHEMCALL 0800 243 6225

BATCH NO:

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