

DANGER

KEEP OUT OF REACH OF CHILDREN

READ SAFETY DIRECTIONS BEFORE OPENING OR USING



Stratos[®]

HERBICIDE

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

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

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Approved Pursuant to the HSNO 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.

Lonza

PLEASE READ ENTIRE LABEL BEFORE USE. SHAKE WELL BEFORE USE



HSNO CLASSIFICATION: 3.1D, 6.1E, 6.3B, 6.4A, 9.1B

COMBUSTIBLE: Combustible liquid.

TOXIC: May be harmful if swallowed, inhaled or absorbed through the skin. Causes mild skin irritation.

FIRST AID: IF SWALLOWED: Immediately call a POISON CENTER/doctor/physician/first aider. For advice contact the National Poisons Centre 0800 POISON (0800 764 766). IF SWALLOWED: Rinse mouth; DO NOT induce vomiting. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF INHALED: Call a POISON CENTER/doctor/physician/first aider/if you feel unwell. If skin or eye irritation occurs: Get medical advice/attention. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

PERSONAL PROTECTION: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not breathe mist/vapours/spray. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace.

FIRE: In case of fire: Use alcohol resistant foam or normal protein foam to extinguish.

ECOTOXIC: Toxic to aquatic life with long lasting effects. Avoid contamination of any water supply with product or empty container.

STORAGE: Store locked up. Store in original container, tightly closed and in a dry, cool area away from foodstuffs. Store in accordance with NZS 8409 Management of Agrichemicals.

DISPOSAL: 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.

SPILLAGE: 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 containers. Wash area with water and absorb with further inert material. Dispose of waste safely in an approved landfill.

SAFETY DATA SHEET: Additional information is listed in the Safety Data Sheet available from Lonza NZ Limited or www.lonza.co.nz

QUALIFICATION REQUIREMENTS: Persons mixing, loading, applying, or otherwise handling this product must meet qualification requirements as set out in the current EPA Hazardous Substances (Hazardous Property Controls) Notice.

RECORD KEEPING: Records of use must be kept in accordance with the current Health and Safety at Work (Hazardous Substances) Regulations.

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 chlorsulfuron 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.

RAINFESTNESS: 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 Food Notice: Maximum Residue Levels for Agricultural Compounds.

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: Lonza NZ Limited, Hudson Road, New Plymouth, NZ.

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BATCH NO:
D.O.M:

