

orion

 AGRISCIENCE**WARNING**

KEEP OUT OF REACH OF CHILDREN



ChargerTM

75WG

HERBICIDE

For pre and post emergence weed control in ASPARAGUS, CARROTS, LENTILS, LUCERNE, MAIZE, PEAS, POTATOES and TOMATOES

Active Ingredient:

750 g/Kg metribuzin in the form of a water dispersible granule

**2 Kg**

PLEASE READ THE LABEL COMPLETELY BEFORE USE

HAZARD CLASSIFICATIONS

Acute oral toxicity Category 4, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to soil organisms, Hazardous to terrestrial vertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1

WARNING: TOXIC, ECOTOXIC

Harmful if swallowed. 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. Toxic to terrestrial vertebrates.

PRECAUTIONS

HANDLING REQUIREMENT

This product must only be handled, mixed and applied by a suitably qualified person as defined under the HPC notice 2017 Part 4C. Records of use as described in NZS 8409 Management of Agrichemicals must be kept if 3 kg or more is applied within 24 hours and likely to leave the application area.

PERSONAL PROTECTION

Avoid contact with eyes and skin. Avoid inhalation of dust and 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. Storage of certain quantities of this product trigger specific storage requirements (Refer to Safety Note). 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.

DISPOSAL

Dispose of this product only by using in accordance with this label, or at a suitable landfill. Dispose of container to a suitable landfill or agricultural recycling scheme. Do not burn. Do not use container for any other purpose.

ENVIRONMENTAL

Use this product carefully. Take all reasonable steps to ensure that this product does not cause any significant adverse effects to the environment beyond the application area. Do not apply directly into or onto water. Do not contaminate aquatic environments with product, spray drift or empty container. Spray drift or equipment contamination may cause serious damage to desirable plants. Do not allow spray drift outside the target area to occur. Ensure any granules are not accessible to birds.

First Aid

If medical advice is needed, have product container or label at hand. If swallowed do not induce vomiting. If splashed in eyes, wash out immediately with water. If skin or hair contact occurs, remove contaminated clothing and flush with running water. For advice, call the National Poisons Centre **0800 POISON (0800 764 766)** (24 hrs) or a doctor immediately.

Emergency Response

In a transport emergency call **111, Police or Fire Brigade**. In a fire, evacuate and call **111 Fire Brigade**. For specialist advice in an emergency only, call **0800 CHEMCALL (0800 243 6225)** (24 hrs).

Spillage

Exclude non-essential people from the area. Wear protective clothing and prevent material from entering waterways. If in granules, moisten to prevent dusting and sweep up. If Liquid, absorb spill with inert material such as soil, sand, etc. Place in waste container. Wash area with water, and absorb with further inert material. Dispose of safely to a suitable landfill.

Safety Data Sheet

Additional information is provided in the safety data sheet. Freephone **0800 ORIONAS (0800 674 6627)** or visit **www.orionagriscience.co.nz**

GENERAL INFORMATION

Charger 75WG is a selective herbicide for pre and post emergence control of a wide range of weeds in asparagus, carrots, lucerne, maize, peas, potatoes and tomatoes.

Charger 75WG is absorbed by both the roots and the leaves of the weeds causing the weeds to die. Best results are obtained from applications made to actively growing young weeds. As Charger 75WG also acts through the soil a single application gives residual control as well as a knock-down effect.

WEEDS CONTROLLED:

Susceptible: Amaranths, barnyard grass, charlock, chickweed, fathen, field speedwell, fumitory, galinsoga, groundsel, henbit, nettles, plantains, redroot, scentless chamomile, shepherd's purse, spurrey, small-flowered buttercups, stinking mayweed, storksbill, twin cress, white campion, wild radish, wild turnip, willow weed, wireweed.

Moderately Susceptible: Cornbind, sow thistle, seedling docks, seedling Californian thistle, summer grasses.

Resistant: Black nightshade, cleavers, docks, giant buttercup, most deep rooting weeds and most weeds over 4 - leaf stage.

MIXING

Partly fill the spray tank with water, add the required quantity of Charger 75WG and add the remaining water. Maintain agitation through filling and spraying.

COMPATIBILITY

When applying post emergence do NOT combine with emulsifiable concentrates or surfactants. Do NOT apply fungicide/insecticide sprays within 5 days before or after application to potatoes or tomatoes.

SOIL RESIDUES

Because residues resulting from the use of this product could adversely affect following susceptible crops, do NOT plant crops other than those recommended for treatment without first sowing an indicator crop. To minimise soil residue effects, areas treated with Charger 75WG should be ploughed and thoroughly cultivated before sowing other crops.

RESISTANCE MANAGEMENT		
GROUP	5	HERBICIDE

Charger 75WG contains metribuzin, which belongs to the triazinone chemical family. Some naturally occurring weeds may become resistant when excessive use of the same herbicide occurs. To prevent or delay the development of resistance, use in tank mixes and/or rotate use with herbicides with a different mode of action. Consult <http://resistance.nzpps.org/index.php> for alternative modes of action and details of resistance management strategies (if any) for the crops listed on the label.

DIRECTIONS FOR USE

Apply with well-maintained and calibrated spray equipment.

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.

CROP	RATE / ha	CRITICAL COMMENTS
Asparagus		Apply in 300 L water / ha minimum.
Seedling	500 – 750 g	Apply prior to crop emergence. A further application may be required during the season directed at the base of plants. Some tip-burn can be expected with post emergence applications. This burning does NOT persist.
Newly Transplanted	500 g – 1 Kg	Apply before fern emergence. A further application may be necessary.
Established	1 Kg	Apply prior to spear emergence. A repeat application may be required after harvest. Application should NOT be made during the cutting period.
Carrots	500 g	Apply in 300 - 500 L water / ha. Apply when carrots have reached the 2-true leaf stage, but before the majority of weeds have reached the 4-leaf stage.
Lentils	500 g OR 250 g + 3 L cyanazine 500SC	Apply in 200 L water / ha minimum. Apply after sowing but before seedling emergence. Do NOT exceed the recommended rates of application as crop damage and a resultant yield reduction will occur.
Lucerne	1 Kg	Apply in 300 – 600 L water / ha. For broadleaf and annual grass weed control apply during the dormant or semi-dormant period. Where perennial weeds are a problem apply 500 g + 1.6 L atrazine 500SC OR 500 g + 2 L paraquat 200SL. NOTE: Charger 75WG is particular effective for the control of Poa pratensis (Kentucky bluegrass). Do NOT apply to Lucerne stands less than 9 months old.
Maize	600 – 850 g +8 L Corral	Apply in 300 L water/ ha minimum. Apply after sowing but before seedling emergence.
Peas	500 g	Apply in 300 – 500 L water / ha. Apply post-emergence for the control of both grass and broadleaf weeds. Apply before the crop has reached 15 cm in height and before the weeds have reached the 4-leaf stage. In situations where nightshade is a problem add 1Kg / ha of Tribunil™. Alternatively, if grasses are not a problem and only nightshade and other broadleaf weeds are present 250 g of Charger 75WG + 1 kg Tribunil / ha is recommended. WARNING: Do NOT spray peas until the crop has fully recovered from the effects of rolling and harrowing. Do NOT apply to crops suffering disease or frost damage. Do NOT apply to undersown crops.
Potatoes		Apply in 340 – 600 L water / ha.
Early Crop (Cool, moist conditions)	500 g	Apply during emergence but before the majority of potatoes are more than 10 cm high and preferably when the weeds are at the cotyledon to 2-true leaf stage.
Main Crop (Warm, dry conditions)	700 g	Apply at weed emergence, but before the majority of potatoes are more than 10 cm high and preferably when the weeds are at the cotyledon to 2-true leaf stage. Use 1 Kg where summer grass weeds and black nightshade are a problem.
Tomatoes	500 g	Apply in 300 – 600 L water / ha. Pre-emergence in direct seeded crops: Apply after seeding but prior to emergence. If necessary follow with post emergence spray. Post Emergence in direct seeded or transplant crops: Apply as a directed spray when the tomatoes have 4-true leaves and the weeds are in the cotyledon stage.

WARRANTY

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's control. The manufacturer declines all liability for damage resulting from improper storage or use of the product.

Registered pursuant to the ACVM Act 1997, No. P9468
See www.foodsafety.govt.nz for registration conditions.
Approved pursuant to the HSNO Act 1996, No. HSR000532
See www.epa.govt.nz for approval controls.

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Batch No.

Date of Manufacture

CHARGER