For the control of nutsedge in maize crops and established turf grasses.

Marketed by: Nufarm Limited
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HARMFUL  •  ECOTOXIC
Keep out of reach of children

READ ENTIRE LABEL AND LEAFLET BEFORE USING

CONDITIONS OF SALE:
CAUTION: READ THIS NOTICE BEFORE OPENING THE CONTAINER

If you open this container you will be deemed to have accepted the conditions below. The results from use of this product may be affected by factors beyond Nufarm’s control, including mixing, use, climatic conditions, time of application, crop or crop stage and the possible development of resistance to the active ingredient, even though the product is reasonably fit for the purposes stated in this label, and even though label directions are followed. Nufarm will replace, free of charge, any product which is found to have a manufacturing defect. To the extent permitted by law, all other warranties, guarantees, representations and conditions, whether expressed or implied by law, trade, custom or otherwise are expressly excluded.

When you use this product, you agree that neither Nufarm Limited nor any manufacturer of any component of the product will be liable for any damage, injury or loss including consequential loss which arises in any way from the storage, handling, or use of the product. This exclusion of liability includes loss caused by negligent acts or omissions of Nufarm Limited or any supplier or manufacturer of the product or any of their employees and agents.

Active Ingredient: 750g/kg halosulfuron-methyl in the form of a water dispersible granule.

For the control of nutsedge in maize crops and established turf grasses.

NET: 100g

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Label Size: 219mm Wide x 106mm Deep
Read entire label on carton and leaflet before using

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Spillage: Wear appropriate protective clothing and prevent material from entering waterways. Absorb liquid spills with inert material and place in waste containers. Sweep up solids without creating dust. Dispose of waste safely in an approved landfill.

Transport: Do not carry more than 3kg of Sempra on a passenger service vehicle.

Record Keeping: Records of use as described in NZS 8409 Management of Agrichemicals must be kept if 3kg or more of Sempra is used within 24 hours.

Mixing: Sempra is a dry flowable granule which disperses in water. Add the required amount gradually to a partly filled spray tank while maintaining continuous agitation. Add surfactant near the end of the filling process to avoid excessive foaming. Remove the hose from the spray tank immediately after filling to avoid siphoning back to water source. If allowed to stand ensure the mixture is thoroughly agitated before respraying. Use the mixture within one day.

Compatibility: Can be mixed and applied with dicamba. DO NOT apply Sempra to maize crops that were treated with the insecticide terbufos (Counter® 20G) at planting as severe crop injury may occur. If other granular insecticides are used, allow 3 weeks between planting and application of Sempra. Allow 10 days between applications of post-emergent insecticides (organophosphate or synthetic pyrethroid) and Sempra application.

Sprayer Cleanup: Before application of products other than Sempra the sprayer must be cleaned out as follows:

1. Drain the tank and flush equipment with water for a minimum of 10 minutes, including hoses, filters and booms.
2. Fill the tank with clean water and add chlorine bleach (contains 4% chlorine) at the rate of 300mL/100L of water. Flush through the boom and agitate for 15 minutes.
3. Repeat step 2 above.
4. Remove all nozzles and screens and clean thoroughly.
5. To remove traces of chlorine bleach, rinse the tank thoroughly with clean water and flush through hoses and booms.

Caution: Do not use chlorine bleach with ammonia. All traces of liquid fertilizer containing ammonia, ammonium nitrate or ammonium sulphate must be rinsed with water from the mixing and application equipment before adding chlorine bleach solution. Failure to do so will release a gas with a musty chlorine odour which can cause eye, nose, throat and lung irritation. Do not clean equipment in an enclosed area.

Crop Rotation: If a crop other than maize is to be planted following a maize crop treated with Sempra, then allow at least 12 months from time of application of Sempra until planting of that crop.

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.

General Instructions: Sempra can be used for selective control of purple nutsedge in maize crops. Sempra should be applied to actively growing weeds when new growth has reached a minimum of 10cm. Irrigation or rainfall within 2 hours of treatment will reduce control. Drought stress after treatment may also reduce control. Symptoms of weed control are gradual yellowing of foliage and seedheads followed by desiccation. Initial symptoms may take 7-10 days to appear, with full effects occurring 4-6 weeks after treatment.

Apply to actively growing plants, at least 10cm high, using a water rate of 100-200 litres per hectare. Addition of a non-ionic surfactant (Contact Low Foam) at 150mL/100L of spray mix is recommended. Improved results can be achieved with inter-row spraying.

Directions for Use:

Maize: Use 65-130g/ha for the control of purple nutsedge. Apply when there is at least 10cm of new growth of nutsedge and prior to canopy closure of the maize crop.

Use the higher rates on dense infestations. Follow-up treatments will be required the following season.
Addition of a non-ionic surfactant (Contact Low Foam) at 150mL/100L of spray mix is recommended.

Some minor and temporary chlorosis of the maize plant may occur from 4-10 days after treatment. This effect is temporary and will not affect maize yield. Minor height suppression may occur with some varieties.

Established Turf Grasses: Use 65-130g/ha for the control of purple nutsedge. Use the higher rate for dense infestations. Apply to actively growing weeds when new leaf growth has reached a minimum of 5cm on nutsedge. Apply using a boom spray with flat fan nozzles to apply at least 80L/ha of water. Apply follow-up treatments if sufficient new growth warrants re-treatment. For optimum control, mowing should be delayed for 2 days following treatment. Use of this product on newly seeded, sodded, or sprigged turfgrass that is not well established may result in damage and/or delay establishment. In addition, application to turf weakened by weather conditions or by physical damage due to intensive use or cultural practices such as scarification, coring, aeration or top-dressing, may result in damage and/or delayed recovery.

For spot treatment using handgun or knapsack sprayers, apply 1.3g Sempra per 100 square metres. For example, mix 1.3g Sempra in 10L of water and apply 10L of the mix per 100 square metres.

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