



KEEP OUT OF REACH OF CHILDREN  
READ SAFETY DIRECTIONS BEFORE OPENING OR USING

Nufarm  
**Warrant® 250**  
Herbicide

**ACTIVE CONSTITUENT: 250 g/L IMAZAPYR  
present as the isopropylamine salt**

|       |          |           |
|-------|----------|-----------|
| GROUP | <b>B</b> | HERBICIDE |
|-------|----------|-----------|

For the control various annual and perennial weeds in non-crop situations as per the DIRECTIONS FOR USE table.

READ COMPLETE DIRECTIONS FOR USE BEFORE USING THIS PRODUCT.

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APVMA Approval No.: 68174/57697

**DIRECTIONS FOR USE**

**RESTRAINT:** DO NOT apply by AIRCRAFT as spray drift may cause damage to desirable surrounding species.

| SITUATION   | WEED  | STATE      | RATE  | CRITICAL COMMENTS  |
|---|---|------------|-------|--|
| Around agricultural buildings and other farm non-crop situations, commercial, industrial, and public service areas, rights of way and waste land, away from desirable vegetation. | Annual ryegrass ( <i>Lolium rigidum</i> ), Barnyard grass ( <i>Echinochloa crus-galli</i> ), Baldy grass ( <i>Imperata cylindrical</i> ), Buckbush ( <i>Salsola kali</i> ), Deadnettle ( <i>Lamium amplexicaule</i> ), Feathertop Rhodes grass ( <i>Chloris virgata</i> ), Fleabane ( <i>Conyza Canadensis</i> ), Hexham scent ( <i>Melilotus indicus</i> ), Liverseed grass ( <i>Urochloa panicoides</i> ), London rocket ( <i>Sisymbrium irio</i> ), Mayne's pest ( <i>Verbena tenuisecta</i> ), Medics ( <i>Medicago</i> spp.), Mintweed ( <i>Salvia reflexa</i> ), Blackberry nightshade ( <i>Solanum nigrum</i> ), Paterson's curse ( <i>Echium plantagineum</i> ), Plains grass ( <i>Stipa aristiglumis</i> ), Prairie grass ( <i>Bromus unioloides</i> ), Prickly lettuce ( <i>Lactuca serriola</i> ), Purple top ( <i>Verbena bonariensis</i> ), Scented top, Sedges, Scented celery ( <i>Apium leptophyllum</i> ), Sowthistle ( <i>Sonchus oleraceus</i> ), St Barnaby's thistle ( <i>Centaurea solstitialis</i> ), Summer grasses ( <i>Digitaria</i> spp.), Thornapples ( <i>Datura</i> spp.), Turnip weed ( <i>Rapistrum rugosum</i> ), Variegated thistle ( <i>Silybum marianum</i> ), Vasey grass ( <i>Paspalum urvillei</i> ), Warrego grass ( <i>Paspalidium jubiflorum</i> ), Wild oats ( <i>Avena</i> spp.), Wild turnip ( <i>Brassica tournefortii</i> ), Wireweed ( <i>Polygonum aviculare</i> ) | All states | 4L/ha | Applications can be made pre- or post-emergence. Post-emergence applications also provide pre-emergence control.<br><b>Medium Volume:</b> 4L Warrant® 250 Herbicide should be applied using spray volumes ranging between 50 and 200L/ha.<br><b>High Volume:</b> Apply sufficient spray to wet the surfaces visibly without producing run-off. Measure how much spray is required to cover 10m x 10m. Add Warrant 250 Herbicide at the rate of 40mL in this measured volume. |
|   | Bokhara clover ( <i>Melilotus albus</i> ), Bracken (suppression only) ( <i>Pteridium esculentum</i> ), Capeweed ( <i>Arctotheca calendula</i> ), Couch ( <i>Cynodon dactylon</i> ), Docks ( <i>Rumex</i> spp.), Johnson grass ( <i>Sorghum halepense</i> ), Panics (suppression only) ( <i>Panicum</i> spp.), Paspalum ( <i>Paspalum dilatatum</i> ), Queensland bluegrass ( <i>Dichanthium sericeum</i> ), Stinging nettle ( <i>Urtica incise</i> )  |            | 6L/ha | Applications can be made pre- or post-emergence. Post-emergence applications also provide pre-emergence control.<br><b>Medium Volume:</b> 6L Warrant 250 Herbicide should be applied using spray volumes ranging between 50 and 200L/ha.<br><b>High Volume:</b> Apply sufficient spray to wet the surfaces visibly without producing run-off. Measure how much spray is required to cover 10m x 10m. Add Warrant 250 Herbicide at the rate of 60mL in this measured volume.  |

| SITUATION   | WEED  | STATE      | RATE          | CRITICAL COMMENTS   |
|---|---|------------|---------------|---|
| Around agricultural buildings and other farm non-crop situations, commercial, industrial, and public service areas, rights of way and waste land, away from desirable vegetation. | Rubber vine ( <i>Cryptostegia grandiflora</i> )   | Qld only   | 4mL/L water   | <b>Post-emergence application</b><br>Apply sufficient spray to wet the surface visibly to the point of run-off. For effective control, apply when the plant is actively growing and not stressed, yellowing or bearing pods. Flowering is a good indication of the best time for application. Use high volume application as detailed in the General Instructions section.  |
|   | Thunbergia ( <i>Thunbergia</i> spp.)  |            | 7.5mL/L water | <b>Post-emergence application</b><br>Apply sufficient spray to wet the surface visibly to the point of run-off. For effective control, apply when the plant is actively growing. Use high volume application as detailed in the General Instructions section.   |
| Irrigation channels – supply channels and tail drains leading to recirculation dams only  | Barnyard grass ( <i>Echinochloa crus-galli</i> ), Bathurst burr ( <i>Xanthium spinosum</i> ), Bellvine ( <i>Ipomoea plebia</i> ), Bladder ketmia ( <i>Hibiscus trionum</i> ), Brown beetle grass ( <i>Diplachne fusca</i> ), California burr ( <i>Xanthium orientale</i> ), Caltrop ( <i>Tribulus terrestris</i> ), Couch grass ( <i>Cynodon dactylon</i> ), Cumbungi ( <i>Typha</i> spp.), Gooseberry ( <i>Physalis viscosa</i> ), Johnson grass ( <i>Sorghum halepense</i> ), Liverseed grass ( <i>Urochloa panicoides</i> ), Mintweed ( <i>Salvia reflexa</i> ), Noogoora burr ( <i>Xanthium pungens</i> ), Nutgrass ( <i>Cyperus rotundus</i> ), Paspalum spp., Pumpkin vine ( <i>Operculina brownii</i> ), Rosella ( <i>Hibiscus heterophyllous</i> ), Sesbania pea ( <i>Sesbania brachycarpa</i> ), Sow thistle ( <i>Sonchus arvensis</i> ), Spider grass ( <i>Brachyachne convergens</i> ), Summer grass ( <i>Digitaria ciliaris</i> ), Thomapple ( <i>Datura</i> spp.), Turnip weed ( <i>Rapistrum rugosum</i> ), Volunteer cereals, Watermelon ( <i>Citrullus lanatus</i> ), Wireweed ( <i>Polygonum aviculare</i> ) | All States | 3L/ha         | Apply during the non-crop season and when the channel is not in use.<br>Drain channels to be treated prior to use. Apply only to irrigation delivery and recirculation channels which may be flushed to a recirculation dam or settling pond. DO NOT apply where flushing water cannot be disposed of safely on-farm. Water from the initial flushing of treated channels must be retained on-farm. Applications may be made pre or post-emergence. Post-emergence applications also provide pre-emergence control. For boom sprays, apply in 50-200L water/ha.<br>For high volume e.g. hand guns, measure how much spray volume is required to cover 10 x 10m and add Warrant 250 Herbicide at the rate of 30mL in this measured volume. Apply to wet surfaces visibly, without producing run-off. Apply only to exposed irrigation channels.<br>DO NOT apply to water.<br>DO NOT apply to irrigation channels in situations where there is a risk of soil or silt movement or water run-off leading to Warrant 250 Herbicide entering irrigation water.<br>DO NOT apply Warrant 250 Herbicide to flooded or saturated soil.<br>If the entire (empty) channel surface is to be treated, delay reuse of the channel for as long as possible (at least 6 weeks) for Warrant 250 Herbicide to absorb to soil particles. Then flush with water, returning flushing water to a settling pond, before allowing irrigation water to flow through the channel. To avoid the risk of drift damage, application should NOT be made to channel banks at a time when susceptible crops are in the direct vicinity. Applications should NOT be undertaken when wind is blowing towards crops.<br>Applications in early Autumn (March) to channels with minimum weed growth will give best performance. Application should give 6 months effective weed control.<br>Warrant 250 Herbicide should NOT be applied more than once per annum to the same channel.<br>REFER TO "PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS" SECTION OF LABEL |

**NOT TO BE USED FOR ANY PURPOSE OR IN ANY MANNER CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION**

**GENERAL INSTRUCTIONS**

Nufarm Warrant® 250 Herbicide is an aqueous solution of herbicide which will kill a range of standing weeds and emerging seedlings. It stops growth rapidly, although symptoms may take over 30 days to develop. Affected plants are discoloured and often growth is distorted. The active material in Warrant 250 Herbicide is rapidly absorbed through foliage and roots, and translocated throughout plants. Foliage treatments will provide pre-emergence control as the active material is released to the soil following plant decay. Residual control of weeds, for which the lower rate of Warrant 250 Herbicide is recommended, will increase when the higher rate is used.

**RESISTANT WEEDS WARNING**

**GROUP B HERBICIDE**

Nufarm Warrant® 250 Herbicide is a member of the imidazolinone group of herbicides. Warrant 250 Herbicide has the inhibition of acetolactate synthase (ALS) mode of action. For weed resistance management, Warrant 250 Herbicide is a Group B herbicide. Some naturally occurring weed biotypes resistant to Warrant 250 Herbicide and other Group B herbicides may exist through normal genetic variability in any weed population. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds will not be

controlled by Warrant 250 Herbicide or other Group B herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Nufarm Australia Limited accepts no liability for any losses that may result from the failure of Warrant 250 Herbicide to control resistant weeds.

#### APPLICATION

Faster control of standing weeds will result if growing conditions are favourable at and after application.  
Rainfall within 2 hours of the spray mixture drying on leaves may result in reduced weed control.

#### SPRAYING INSTRUCTIONS

For medium volume spraying, apply through a spray boom calibrated to ensure even coverage. Use spray nozzles suitable to prevent spray drift onto surrounding desirable vegetation.  
For high volume application, use a hand gun or knapsack to apply sufficient spray to wet the surface visibly without producing run-off.

#### MIXING

Pour the required amount of Warrant 250 Herbicide into a spray container which already holds the total amount of water required.  
Mix thoroughly. If Warrant 250 Herbicide is added during filling, foaming may occur. If excessive foaming is a problem, add a suitable antifoaming agent.  
Consult your distributor for specific information.  
Warrant 250 Herbicide may be applied in hard or soft water. The product is corrosive to mild steel.  
Use ONLY stainless steel, fibreglass, plastic or plastic-lined containers for mixing, storage and application.

#### COMPATIBILITY

For faster knockdown of weeds, certain other herbicides may be mixed with Warrant 250 Herbicide. Bipyridyl herbicides (e.g. paraquat) are NOT compatible with Warrant 250 Herbicide. Mixtures of this type will result in poor weed control.

#### PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

DO NOT apply under weather conditions, or from spraying equipment, that may cause spray to drift onto nearby susceptible plants/crops, cropping lands or pastures or non-target aquatic areas.  
DO NOT apply on or near desirable trees or other plants, or on areas where their roots may extend, or in locations where the chemical may be washed or moved into contact with their roots.  
DO NOT apply where run-off water may flow onto agricultural land or other desirable vegetated areas. Dispose of washings away from desirable plants and their roots.

#### PROTECTION OF LIVESTOCK

Low hazard to bees – may be applied to plants at any time. DO NOT graze or cut for stock feed, vegetation which has been treated with Warrant 250 Herbicide.

#### PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT contaminate streams, rivers or waterways with the chemical or used containers.

#### STORAGE AND DISPOSAL

Store in the closed, original container in a dry, cool, well ventilated area. DO NOT store for prolonged periods in direct sunlight. Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush, or puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should NOT be burnt.

#### *Quikpour (15L only)*

Store in the closed, original container in a dry, cool, well-ventilated area out of direct sunlight. Triple or preferably pressure rinse inner bladder before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on site. If recycling, replace cap and return clean packaging to recycler or designated collection point. If not recycling, break, crush or puncture and deliver empty packaging to an approved waste management facility. If no landfill is available, bury the containers below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should NOT be burnt.

#### SAFETY DIRECTIONS

Avoid inhaling spray mist. Will irritate the eyes and skin. Avoid contact with eyes and skin. When preparing spray and using the prepared spray wear rubber gloves. Wash hands after use. After each day's use, wash gloves.

#### FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia **13 11 26**.

#### MATERIAL SAFETY DATA SHEET

For further information refer to the Material Safety Data Sheet (MSDS), which can be obtained from your supplier or the Nufarm website – [www.nufarm.com.au](http://www.nufarm.com.au)

**In case of emergency: Phone 1800 033 498** Ask for shift supervisor. Toll free 24 hours.

#### CONDITIONS OF SALE

"Any provisions or rights under the Competition and Consumer Act 2010 or relevant state legislation which cannot be excluded by those statutes or by law are not intended to be excluded by these conditions of sale. Subject to the foregoing, all warranties, conditions, rights and remedies, expressed or implied under common law, statute or otherwise, in relation to the sale, supply, use or application of this product, are excluded. Nufarm Australia Limited and/or its affiliates ("Nufarm") shall not accept any liability whatsoever (including consequential loss), or howsoever arising (including negligence) for any damage, injury or death connected with the sale, supply, use or application of this product except for liability which cannot be excluded by statute."

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