

# POISON

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

# TRIPLE

## HERBICIDE

### ACTIVE CONSTITUENT:

250 g/L MCPA present as the ethyl hexyl ester  
250 g/L BROMOXYNIL present as the octanoate  
25 g/L DIFLUFENICAN

**SOLVENT: 206 g/L N-METHYL-2-PYRROLIDONE**

GROUP **F I C** HERBICIDE

For the control of certain broadleaf weeds in wheat, barley, triticale and cereal rye as per Directions for Use table.

**IMPORTANT:**  
READ THIS LEAFLET BEFORE USE

**RELYON**

APVMA Approval No:  
89151/123757

**DIRECTIONS FOR USE****RESTRAINTS**

**DO NOT** apply if crop or weeds are stressed due to dry or excessively moist conditions.

**DO NOT** apply to crops under stress due to disease or insect damage.

**DO NOT** apply to frost-affected crops or if frosts are imminent.

**DO NOT** apply when heavy rain is expected within 4 hours.

**DO NOT** apply with crop oils.

**DO NOT** apply using aircraft

**DO NOT** apply through a mister

**SPRAY DRIFT RESTRAINTS:**

DO NOT apply with spray droplets smaller than a COARSE spray droplet size category according to 'APVMA Compliance Instructions for Mandatory COARSE or Larger Droplet Size Categories' located under this title in the GENERAL INSTRUCTIONS section of this label.

DO NOT apply when wind speed is less than 3 or more than 20 kilometres per hour, as measured at the application site.

DO NOT apply during surface temperature inversion conditions at the application site.

Users of this product **MUST** make an accurate written record of the details of each spray application within 24 hours following application, and must **KEEP** this record for at least 2 years. The spray application details that must be recorded are:

1. date with start and finish times of application
2. location address and paddock(s) sprayed
3. full name of this product
4. amount of product used per hectare and number of hectares applied to
5. crop or situation and weed or pest
6. wind speed and direction during application
7. air temperature and relative humidity during application
8. nozzle brand, type, spray angle, nozzle capacity and spray system pressure measured during application
9. name and address of person applying this product.

(Additional record details may be required by the state or territory where this product is used.)

**MANDATORY NO-SPRAY ZONES****Terrestrial Downwind No-Spray Zones**

DO NOT apply if there are sensitive crops, gardens, landscaping vegetation, protected native vegetation or protected animal habitat downwind from the application area and within the mandatory no-spray zones shown in the table below.

FOR GROUND APPLICATION	Downwind mandatory no-spray zone
3 to 20 kilometres per hour	15 metres

**Aquatic Downwind No-spray Zones**

DO NOT apply if there are aquatic and wetland areas including aquacultural ponds, surface streams and rivers downwind from the application area and within the mandatory no-spray zones shown below.

FOR GROUND APPLICATION	Downwind mandatory no-spray zone
3 to 20 kilometres per hour	80 metres

**WHEAT, BARLEY, TRITICALE, CEREAL RYE**

WEEDS CONTROLLED	MAXIMUM GROWTH STAGE	STATE
Amsinckia, Capeweed, Chamomile, Charlock, Corn Gromwell, Fat Hen, Field Madder, Hexham Scent, Horned Poppy, Indian Hedge Mustard, Lesser Swinecress, Mexican Poppy, Mintweed, Paterson's Curse, Rough Poppy, Saffron Thistle, Shepherd's Purse, Slender Thistle, Tree Hogweed, Turnip Weed, Wild Radish, Wild Turnip	6 leaf, 50 mm diameter	WA only
Canola	4 leaf	All states
Capeweed	2 leaf, 60 mm diameter	All States
	4 leaf, 120 mm diameter	
Charlock, Hedge Mustard, Indian Hedge Mustard, Shepherd's Purse, Turnip Weed, Wild Turnip	2 leaf, 60 mm diameter	
	4 leaf, 120 mm diameter	
	6 leaf, 150 mm diameter	
Cleavers	2-4 stems, 1-3 whorls of leaves per stem	WA only
Corn Gromwell, Saffron Thistle, Toad Rush	2 leaf stage	All States
Crassula	2 leaf	All States
	4 leaf	
Deadnettle	2 leaf stage	NSW, Vic, SA only
Dense-Flower Fumitory	2 leaf	All States
Fumitory, Doublegee	4 leaf, 6 cm diameter	WA only
London Rocket	5 leaf, 120 mm diameter	Qld only
Mountain Sorrel, Three-Horned Bedstraw	6 leaf	WA only
Prickly Lettuce	2 leaf	All States
	4 leaf	
	6 leaf	
Purple Goosefoot	6 leaf	Qld only
Sorrel	2 leaf stage	Vic only
Turnip Weed, Wild Turnip	Cotyledon to 2 leaf	NSW only (West of Newell Hwy.) SA only (Eyre Peninsula north of the line between Venus Bay and Cowell)
Variogated thistle, Wireweed #	4 leaf, 3.5 cm diameter	WA only
Ward's Weed	5 leaf, 120 mm diameter	SA only
Wild Radish	2 leaf, 60 mm diameter	WA only
	4 leaf, 120 mm diameter	All States
	6 leaf, 150 mm diameter	
	8 leaf, 180 mm diameter	

RATE /ha	CRITICAL COMMENTS
1.0L/ha	<b>CROP STAGE</b> <b>All Cereals</b> Apply from 3 leaf to fully tillered stage - Z13 to 30. Optimum results are achieved when sprayed at 3-5 leaf crop stage (generally 4-8 weeks post sowing). <b>WA only:</b> DO NOT apply to Barley or Kulin Wheat before the 5 leaf stage (Z15). <b>Warning:</b> RELYON TRIPLE HERBICIDE may cause transient crop yellowing of cereals (Refer to "Crop Tolerance" section of General Instructions).
500 mL	<b>WEED STAGE</b> Apply when weeds are actively growing. In most situations the rate specified for each weed size will give satisfactory control.  Under certain conditions such as: <ul style="list-style-type: none"> <li>• high crop and weed density</li> <li>• late season germinations</li> <li>• abnormal weed growth (including early flowering), higher rates of product (up to the maximum rate of application specified for that weed) may be required.</li> </ul> RELYON TRIPLE HERBICIDE will not effectively control: <ul style="list-style-type: none"> <li>• regrowth of suppressed weeds;</li> <li>• transplanted weeds;</li> <li>• regrowth from rhizomes or roots;</li> <li>• weeds growing under stress from previous herbicide applications.</li> </ul> <b>GRAZING</b> Efficacy on larger weeds will be improved by grazing with normal levels of stock after the 14 day withholding period. Refer to 'Protection of Livestock' for grazing precautions.  <b>WILD RADISH</b> RELYON TRIPLE HERBICIDE will provide residual control of Wild Radish for up to 4 weeks after application. Effective residual activity of this product may be reduced where: <ul style="list-style-type: none"> <li>• rates lower than 1.0 L/ha are used;</li> <li>• dry conditions prevail;</li> <li>• poor coverage of the soil surface is achieved;</li> <li>• crop is planted in non-wetting sand;</li> <li>• soils contain a high content of organic matter.</li> </ul> Optimum results will be obtained if good soil moisture exists at and after application.
500 mL	
1.0 L	
500 mL	
750 mL	
1.0 L	
1.0L	
500 mL	
750 mL	
1.0L	
750 mL	<b>APPLICATION</b> Activity of this product will be reduced if weeds are stressed. Optimum results will be obtained if good soil moisture exists at and after application. Where crop or weed density is high, water volume should be increased. # Where Wireweed occurs in red soils of low fertility it has been found to be less susceptible.
1.0 L	
750 mL	
250 mL	
500 mL	
750 mL	
1.0 L	

WEEDS CONTROLLED	MAXIMUM GROWTH STAGE	STATE
<b>SUPPRESSION OF THE FOLLOWING WEEDS</b>		
Chickweed, Fireweed, Hexham Scent (King Island Mellilot), Iceplant, Mouse-Eared Chickweed, Nightscented Stock, Paterson's Curse, Peppergrass, Skeleton Weed, Long Storksbill, Volunteer Lupins	4 leaf	Qld, NSW, ACT, Vic, Tas, SA, NT only
Common Sowthistle (Milk Thistle), Cowvine, Dock, Doublegee (Spiny Emex), Fat Hen, Horehound, Hyssop Loosestrife, Marshmallow, Rough Poppy, Scarlet Pimpernel, Stemless Thistle, Tree Hogweed, Variegated Thistle, Vetch (Tares)	2 leaf	
Saffron Thistle	6 leaf	
Wireweed (Hogweed)	4 leaf	

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

**WITHHOLDING PERIODS**

**HARVEST: NOT REQUIRED WHEN USED AS DIRECTED.**

**GRAZING: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR STOCK FOR 8 WEEKS AFTER APPLICATION.**

**GENERAL INSTRUCTIONS:**

**WEED LIST**

Common name	Scientific name	Common name	Scientific name
Amsinckia	<i>Amsinckia</i> spp.	Marshmallow	<i>Malva parviflora</i>
Canola (Rape)	<i>Brassica napus</i>	Mouse-Eared Chickweed	<i>Cerastium glomeratum</i>
Capeweed	<i>Arctotheca calendula</i>	Night-Scented Stock	<i>Matthiola longipetala</i>
Chamomile	<i>Matricaria matricarioides</i>	Mexican Poppy	<i>Argemone mexicana</i>
Charlock	<i>Sinapis arvensis</i>	Mintweed	<i>Salvia reflexa</i>
Chickweed	<i>Stellaria media</i>	Mountain Sorrel	<i>Oxalis acetosella</i>
Cleavers	<i>Galium aparine</i>	Paterson's Curse	<i>Echium plantagineum</i>
Common Sowthistle (Milk Thistle)	<i>Sonchus oleraceus</i>	Peppergrass	<i>Lepidium</i> spp.
Corn Gromwell	<i>Buglossoides arvensis</i>	Prickly Lettuce	<i>Lactuca serriola</i>
Cowvine	<i>Ipomoea lonchophylla</i>	Purple Goosefoot	<i>Scleroblitum atriplicinum</i>
Crassula	<i>Crassula</i> spp.	Rough Poppy	<i>Papaver hybridum</i>
Deadnettle	<i>Lamium amplexicaule</i>	Saffron Thistle	<i>Carthamus lanatus</i>
Dense-flower Fumitory	<i>Fumaria densiflora</i>	Scarlet Pimpernel	<i>Anagallis arvensis</i>
Dock	<i>Rumex</i> spp.	Shepherd's Purse	<i>Capsella bursa-pastoris</i>
Doublegee (Spiny Emex)	<i>Emex australis</i>	Skeleton Weed	<i>Chondrilla juncea</i>

RATE /ha	CRITICAL COMMENTS
1.0 L	<i>Critical comments as above</i>
750 mL	

Fat Hen	<i>Chenopodium album</i>	Slender Thistle	<i>Cordius tenuiflorus, C. pycnocephalus</i>
Field Madder	<i>Sherardia arvensis</i>	Sorrel	<i>Rumex</i> spp.
Fireweed	<i>Senecio</i> spp.	Stemless Thistle	<i>Onopordum acaulon</i>
Fumitory	<i>Fumaria</i> spp.	Three-Horned Bedstraw	<i>Alium tricometum</i>
Hedge Mustard	<i>Sisymbrium officinale</i>	Toad Rush	<i>Juncus bufonius</i>
Hexham Scent (King Island Mellilot)	<i>Mellilotus indicus</i>	Tree Hogweed	<i>Polygonum patulum</i>
Horehound	<i>Marrubium vulgare</i>	Turnip Weed	<i>Rapistrum rugosum</i>
Horned Poppy	<i>Glaucium flavum</i>	Variegated Thistle	<i>Silybum marianum</i>
Hyssop Loosestrife	<i>Lythrum hyssopifolia</i>	Vetch (Tares)	<i>Vicia sativa</i>
Iceplant	<i>Mesembryanthemum</i> spp.	Volunteer Lupins	<i>Lupinus</i> spp.
Indian Hedge Mustard	<i>Sisymbrium orientale</i>	Ward's Weed	<i>Carrichtera annua</i>
Lesser Swincrest	<i>Coronopus didymus</i>	Wild Radish	<i>Raphanus raphanistrum</i>
London Rocket	<i>Sisymbrium irio</i>	Wild turnip	<i>Brassica tournefortii</i>
Long Storksbill	<i>Erodium botrys</i>	Wireweed (Hogweed)	<i>Polygonum aviculare</i>

## CROP TOLERANCE

After application some transient crop yellowing may occur. This usually appears as yellow or white banding on leaves.

Provided the crop is not under stress from pre-emergent herbicide, root disease, insect damage, frost, dry or excessively moist conditions, the development of the crop and subsequent growth will be unaffected.

Some pre-emergent herbicides, such as atrazine, can cause stress to certain crops resulting in an increase in crop damage when using this product. Subterranean clover is particularly sensitive.

To reduce effect on subsequent susceptible crops (e.g. canola), ensure thorough cultivation of soil prior to the sowing of these crops.

## MIXING

To ensure even mixing, half fill the spray tank with clean water and add the required amount of product. Agitate thoroughly then add the remainder of the water. Agitate again before spraying commences.

Reseal part-used product container immediately after use. Spray mixtures containing RELYON TRIPLE HERBICIDE should not be left to stand overnight.

Prolonged periods of exposure to cold temperatures could result in settling out of the product in the mixture.

## WARNING

The rubber components present in some spraying units may be affected by exposure to the solvents in RELYON TRIPLE HERBICIDE and some other agricultural products. To reduce this risk it is recommended that the spray unit be thoroughly washed with a boom cleaner and fresh water after use. Contact the spray unit manufacturer to determine the suitability of the rubber components for use with agricultural products.

## COMPATIBILITY

DO NOT use crop oils with RELYON TRIPLE HERBICIDE or RELYON TRIPLE HERBICIDE tank mixtures with other products in cereals. As formulations of other manufacturer's products are beyond the control of Nutrien Ag Solutions Limited, all mixtures should be tested prior to mixing commercial quantities.

## APPLICATION

Boom Sprayer: A minimum of 50 L of water per hectare should be used, however, for optimum results water rates of 70-100 L/ha are recommended. Increase the water volume if weed infestation is heavy or crop cover is dense. Complete coverage of weeds is essential.

## APVMA compliance instructions for mandatory COARSE or larger droplet size categories.

### Important information

These instructions inform those using this chemical product how to lawfully comply with the requirement of a COARSE or larger spray droplet size category for spray application.

Spray droplet size categories are defined in the ASAE S572 Standard (newer name may also be shown as ASABE) or the BCPC guideline. Nozzle manufacturers may refer to one or both of these documents, to identify droplet size categories; however, for a nozzle to comply with this requirement, the manufacturer must refer to at least one.

**Complying with the label requirement to use a specific droplet size category means using the correct nozzle that will deliver that droplet size category under the spray operation conditions being used. The APVMA has approved only the following specific methods for choosing the correct nozzle. Use one of the methods specified in these instructions to select a correct nozzle to deliver a COARSE or larger droplet size category.**

### Instructions for ground application – for COARSE droplet size or larger categories

#### Mandatory instructions for ground applications

USE ONLY nozzles that the nozzles' manufacturer has rated to deliver a COARSE, a VERY COARSE or an EXTREMELY COARSE droplet size category, as referenced in ASAE S572 or BCPC. Choose a nozzle that is specified to provide the droplet size category required in the label Spray Drift Restraints.

DO NOT use a higher spray system pressure than the maximum the manufacturer specifies for the selected nozzle to deliver the droplet size category required in the label Spray Drift Restraint.

## RESISTANT WEEDS WARNING

GROUP	F	I	C	HERBICIDE
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RELYON TRIPLE HERBICIDE is a member of the nicotinamide, nitrile and phenoxy groups of herbicides and acts by inhibiting carotenoid biosynthesis at the phytoene desaturase step (PDS inhibitors), inhibiting photosynthesis at photosystem II (PS II inhibitors) and disrupting plant cell growth. For weed resistance management RELYON TRIPLE HERBICIDE is a Group F, Group C and Group I herbicide. Some naturally occurring weed biotypes resistant to RELYON TRIPLE HERBICIDE and other Group F, C and I 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 RELYON TRIPLE HERBICIDE or other Group F, Group C or Group I herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Nutrien Ag Solutions Limited accepts no liability for any losses that may result from the failure of RELYON TRIPLE HERBICIDE to control resistant weeds.

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

DO NOT apply under weather conditions, or from spraying equipment, that may cause drift onto nearby susceptible plants/crops, cropping lands or pastures. Avoid spray drift and vapour movement onto susceptible crops such as cotton, tobacco, tomatoes, vines, lupins, fruit trees and ornamentals.

## PROTECTION OF LIVESTOCK

Grazing Precaution: Sprayed weeds may become more palatable to stock and a higher intake of some weeds may result in stock poisoning and death from causes such as nitrate poisoning.

Care should be taken especially where Capeweed, Paterson's Curse and variegated thistles predominate in the pasture.

Avoid grazing with young or breeding stock.

DO NOT graze horses or pigs on Paterson's Curse. If in doubt, contact your nearest Department of Agriculture.

## PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Toxic to algae. Dangerous to fish. DO NOT contaminate streams, rivers or watercourses with the chemical or used containers.

DO NOT allow run-off within two days of application – avoid application to waterlogged soil, over-irrigation or use when heavy rains are forecast.

## STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well ventilated area. DO NOT store for prolonged periods in direct sunlight. This container can be recycled if it is clean, dry, free of visible residues and has the drumMUSTER logo visible. Triple rinse containers before disposal. Dispose of rinsate by adding it to the spray tank. DO NOT dispose of undiluted chemical on site. Wash outside of the container and the cap.

Store cleaned container in a sheltered place with cap removed. It will then be acceptable for recycling at any drumMUSTER collection point or similar container management program site. The cap should not be replaced but may be taken separately. If not recycling, break, crush, or puncture and deliver empty packaging for appropriate disposal to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots, in compliance with relevant Local, State or Territory government regulations. Do not burn empty containers or product. For refillable containers: Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

For refillable containers

Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

## SAFETY DIRECTIONS

Harmful if swallowed. Will irritate skin. Avoid contact with skin. When opening the container and preparing spray, and applying by boom spray equipment, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), elbow-length chemical resistant gloves and face shield. Wash hands after use. After each day's use wash gloves, face shield and contaminated clothing.

**FIRST AID**

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26, New Zealand 0800 764 766. If swallowed, do NOT induce vomiting. If in eyes wash out immediately with water.

**SAFETY DATA SHEET**

Additional information is listed in the Safety Data Sheet (SDS), which is available from the supplier.

**CONDITIONS OF SALE**

The use of this product is beyond the control of Nutrien Ag Solutions Limited. Any provisions or rights under the Australian Consumer Law which cannot be excluded 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, storage, use or application of this product are excluded. Nutrien Ag Solutions Limited does not accept any liability (including consequential loss and/or negligence) for any loss or damage connected with the sale, supply, storage, use or application of this product except for liability which cannot be excluded by statute.

# RELYON®

Nutrien Ag Solutions Limited

Level 5, Building A, 26 Talavera Road, Macquarie Park, NSW 2113.

Tel: (02) 9889 5400

Product Support Tel: 1800 44 88 92

[relyonaustralia.com.au](http://relyonaustralia.com.au)

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