

READ SAFETY DIRECTIONS BEFORE OPENING OR USING



TERRAD'OR[®]

ACTIVE CONSTITUENT:
700 g/kg TIAFENACIL

HERBICIDE

GROUP **14** HERBICIDE

For the control and increased speed of brownout of a range of broadleaf and grass weeds prior to the sowing crops, fallows and other uses including the desiccation and seed set reduction of weeds when applied pre-harvest in wheat as per the DIRECTIONS FOR USE.

WG

WATER DISPERSIBLE GRANULE



 nufarm

AUSTRALIAN
THROUGH
& THROUGH

DIRECTIONS FOR USE

RESTRAINTS

DO NOT apply by aircraft.

DO NOT apply if heavy rains or storms are forecast within 3 days.

DO NOT irrigate to the point of field runoff for at least 3 days after application.

Spray drift restraints

Specific definitions for terms used in this section of the label can be found at apvma.gov.au/spraydrift

DO NOT allow bystanders to come into contact with the spray cloud.

DO NOT apply in a manner that may cause an unacceptable impact to native vegetation, agricultural crops, landscaped gardens and aquaculture production, or cause contamination of plant or livestock commodities, outside the application site from spray drift. The buffer zones in the buffer zone table below provide guidance but may not be sufficient in all situations. Wherever possible, correctly use application equipment designed to reduce spray drift and apply when the wind direction is away from these sensitive areas.

DO NOT apply unless the wind speed is between 3 and 20 kilometres per hour at the application site during the time of application.

DO NOT apply if there are hazardous surface temperature inversion conditions present at the application site during the time of application. Surface temperature inversion conditions exist most evenings one to two hours before sunset and persist until one to two hours after sunrise.

DO NOT apply by a boom sprayer unless the following requirements are met:

- Spray droplets are not smaller than a **COARSE** spray droplet size category
- Minimum distances between the application site and downwind sensitive areas are observed (see mandatory downwind buffer zones in the table titled 'Buffer zones for boom sprayers' below).

Buffer zones for boom sprayers

Application rate	Boom height above the target canopy	Mandatory downwind buffer zones				
		Bystander areas	Natural aquatic areas	Pollinator areas	Vegetation areas	Livestock areas
Up to 20 g/ha	0.5 m or lower	Not required	Not required	Not required	Not required	Not required
	1.0 m or lower		10 metres		15 metres	
Up to 40 g/ha	0.5 m or lower		Not required		Not required	
	1.0 m or lower		20 metres		25 metres	
Up to 25 g/ha + 0.6 L/ha Nufarm CRUCIAL [^]	0.5 m or lower		Not required		Not required	
	1.0 m or lower		15 metres		35 metres	
Up to 40 g/ha + 0.6 L/ha Nufarm CRUCIAL [^]	0.5 m or lower		Not required		15 metres	
	1.0 m or lower		20 metres		45 metres	
Up to 25 g/ha + up to 1.2 L/ha Nufarm CRUCIAL [^]	0.5 m or lower		Not required		15 metres	
	1.0 m or lower		15 metres		45 metres	
Up to 40 g/ha + up to 1.2 L/ha Nufarm CRUCIAL [^]	0.5 m or lower		Not required		25 metres	
	1.0 m or lower		20 metres		60 metres	
Up to 25 g/ha + up to 1.8 L/ha Nufarm CRUCIAL [^]	0.5 m or lower		0 metres		25 metres	
	1.0 m or lower		15 metres		60 metres	
Up to 40 g/ha + up to 1.8 L/ha Nufarm CRUCIAL [^]	0.5 m or lower	Not required	25 metres			
	1.0 m or lower	20 metres	60 metres			
Up to 40 g/ha + up to 2.4 L/ha Nufarm Shirquat 250	0.5 m or lower	10 metres	5 metres			
	1.0 m or lower	40 metres	30 metres			

[^] Nufarm CRUCIAL is the recommended glyphosate partner. Alternative glyphosate products are listed in the compatibility section

DO NOT apply by an Optical Spot Sprayer unless the following requirements are met:

- Spray droplets are not smaller than a **COARSE spray droplet size category**
- Minimum distances between the application site and downwind sensitive areas (see 'Mandatory buffer zones' section of the following table titled 'Buffer zones for optical spot sprayers') are observed

Buffer Zones for Optical Spot Sprayers

- calibrate to spray the equivalent of 100 L/ha

- ensure boom height above target canopy is 0.75 m or lower

Application Rate	Mandatory buffer zones				
	Bystander Areas	Natural Aquatic Areas	Pollinator Areas	Vegetation Areas	Livestock Areas
Maximum weed cover 30%					
40 g/100L + up to 1.8 L/100L Nufarm CRUCIAL [^] at 30 L/ha	Not required	Not required	Not required	25 metres	Not required

[^] Nufarm CRUCIAL is the recommended glyphosate partner. Alternative glyphosate products are listed in the compatibility section.

Section 1 – PRIOR TO SOWING

SITUATION	WEEDS CONTROLLED	RATE	CRITICAL COMMENTS
Prior to sowing the following winter or summer broadacre crops, pastures or starting a fallow and for fallow maintenance: Cereals; Pasture grasses; Pasture legumes; Pulses; Canola; Mustard (oilseed cultivars) (<i>Brassica juncea</i>); Cotton; as per the plantback table	Annual ryegrass (<i>Lolium rigidum</i>) including populations with weak levels of glyphosate resistance.	40 g/ha Terrad'or® + 0.6-1.8 L/ha Nufarm CRUCIAL® Herbicide* + 0.5 L/100L Nufarm CanDo™ Adjuvant* OR 40 g/ha Terrad'or® + 2.0-2.4 L/ha Nufarm Shirquat® 250 Herbicide + 0.5 L/100L Nufarm CanDo™ Adjuvant*	Tank mixes of Terrad'or® and Nufarm CRUCIAL® have been demonstrated to provide higher levels of final control to annual ryegrass plants with a weak level of glyphosate resistance; compared to applications of glyphosate standalone. In populations where a moderate or strong glyphosate resistance level exists; use alternate management strategies. Annual ryegrass plants that exhibit weak resistance have 70% or more stunting compared to untreated plants when treated with glyphosate alone. Tank mixes of Terrad'or® with Nufarm Shirquat can also be used in strategies to manage glyphosate resistant annual ryegrass. Tank mixes with either Nufarm CRUCIAL or Nufarm Shirquat can be used as either single applications, or as one part of a sequential spray with 7-14 days between herbicide treatments. These use patterns should be used as part of an integrated weed management program; including non-herbicide methods of weed control. Observe the plant-back periods listed in the GENERAL INSTRUCTIONS. Sow following crops with a seeder that will move treated soil away from crop row (e.g. knife point with press wheels). Use of seeding machinery, or planting under conditions where product or treated soil remains or moves back into the crop row may result in crop damage. This may be caused by factors such as inappropriate seeding machinery, narrow row spacings, fast travel speeds, soil type, wind, heavy rainfall or irrigation after planting, etc. This is particularly important for susceptible crops such as canola. Typically, use the minimum rate for smaller, younger weeds growing under good conditions. See GENERAL INSTRUCTIONS for further information. DO NOT apply post-sowing pre-emergent. Rainfast after 1 hour of daylight after application to seeding annual weeds when used with Nufarm CRUCIAL® or Nufarm Shirquat® (for other mixtures, refer to tank mix partner label for rainfastness information). ^ Nufarm CRUCIAL is the recommended glyphosate partner. Alternative glyphosate products are listed in the compatibility section. * Nufarm CanDo™ is the recommended adjuvant and should be used at 0.5 L/100 L under normal conditions. Increasing the rate to 1 L/100 L may improve performance under less than ideal conditions. Alternatively to Nufarm CanDo™, use an alternate adjuvant listed in the compatibility section at 1 L/100L unless otherwise specified.
	Annual grass and broadleaf weeds are controlled as listed in Section 2 weed table. Terrad'or® will also increase speed of brownout of treated broadleaf and grass weeds, especially at the highest application rate.	20-40 g/ha Terrad'or® + 0.5 L/100L Nufarm CanDo™ Adjuvant* OR 15-40 g/ha Terrad'or® + 0.6-1.8 L/ha Nufarm CRUCIAL® Herbicide* + 0.5 L/100L Nufarm CanDo™ Adjuvant*	Observe the plant-back periods listed in the GENERAL INSTRUCTIONS. Sow following crops with a seeder that will move treated soil away from crop row (e.g. knife point with press wheels). Use of seeding machinery, or planting under conditions where product or treated soil remains or moves back into the crop row may result in crop damage. This may be caused by factors such as inappropriate seeding machinery, narrow row spacings, fast travel speeds, soil type, wind, heavy rainfall or irrigation after planting, etc. This is particularly important for susceptible crops such as canola. DO NOT apply post-sowing pre-emergent. Rainfast after 1 hour of daylight after application to seeding annual weeds when used with Nufarm CanDo™ or with Nufarm CRUCIAL® and Nufarm CanDo™ (for other mixtures, refer to tank mix partner label for rainfastness information). Refer to Section 2 for specific minimum application rates for each weed. Typically, use the minimum rate for smaller, younger weeds growing under good conditions. See GENERAL INSTRUCTIONS for further information. To broaden the weed spectrum Terrad'or® may be tank mixed with the recommended rate of another knockdown herbicide other than glyphosate (Nufarm Shirquat® 250, Spray,Seed®, Nufarm BIFFO®, Amitrole T, Nufarm DROPZONE®, Nufarm 2,4-D Ester 680, Nufarm Kamba® 750). ^ Nufarm CRUCIAL is the recommended glyphosate partner. Alternative glyphosate products are listed in the compatibility section. * Nufarm CanDo™ is the recommended adjuvant. Alternative adjuvants are listed in the compatibility section and should be used at 1 L/100L unless otherwise specified.

Section 2 – PRIOR TO SOWING WEED TABLE

WEED	TERRAD'OR® MINIMUM RATE (g/ha) WHEN USED WITH 0.5 L/100L CANDO™	TANK MIX - TERRAD'OR® (g/ha) + CRUCIAL® (L/ha) MINIMUM RATES WHEN USED WITH 0.5 L/100L CANDO™	COMMENTS
Afghan melon (<i>Citrullus lanatus</i>)	40 g/ha	40 g/ha + 0.9 L/ha	
Annual ryegrass (<i>Lolium rigidum</i>)	-	40 g/ha + 0.6 L/ha	Only controlled when used with Nufarm CRUCIAL® or Nufarm Shirquat® 250 (refer to Section 1). Nufarm CanDo™ should be used at 0.5 L/100 L under normal conditions. Increasing the rate to 1 L/100 L may improve performance under less than ideal conditions.
Barley grass (<i>Hordeum leporinum</i> .)	40 g/ha	15 g/ha + 0.6 L/ha	
Barnyard grass (<i>Echinochloa colona</i>)	-	40 g/ha + 0.6 L/ha	Only controlled when used with Nufarm CRUCIAL®. Under Summer (hot) conditions, dense infestations may require follow-up treatment for complete control.
Belvine (<i>Ipomoea plectean</i>)	20 g/ha	20 g/ha + 1.1 L/ha	
Bladder ketmia (<i>Hibiscus trionum</i>)	20 g/ha	20 g/ha + 0.6 L/ha	

WEED	TERRAD'OR® MINIMUM RATE (g/ha) WHEN USED WITH 0.5 L/100L CANDO™	TANK MIX - TERRAD'OR® (g/ha) + CRUCIAL® (L/ha) MINIMUM RATES WHEN USED WITH 0.5 L/100L CANDO™	COMMENTS
Brome grass (<i>Bromus spp.</i>)	-	15 g/ha + 0.6 L/ha	Only controlled when used with Nufarm CRUCIAL®
Caltrop (<i>Tribulus terrestris</i>)	-	20 g/ha + 0.6 L/ha	Only controlled when used with Nufarm CRUCIAL®
Capeweed (<i>Arctotheca calendula</i>)	40 g/ha	15 g/ha + 0.6 L/ha	
Clammy Goosefoot (<i>Chenopodium pumilio</i>)	-	20 g/ha + 0.6 L/ha	Only controlled when used with Nufarm CRUCIAL®
Cow-vine (<i>Ipomoea lonchophylla</i>)	20 g/ha	15 g/ha + 0.6 L/ha	
Double gee (<i>Emex australis</i>)	-	15 g/ha + 0.6 L/ha	Only controlled when used with Nufarm CRUCIAL®
Dwarf amaranthus (<i>Amaranthus macrocarpus</i>)	-	15 g/ha + 0.6 L/ha	Only controlled when used with Nufarm CRUCIAL®
Fat hen (<i>Chenopodium album.</i>)	20 g/ha	15 g/ha + 0.6 L/ha	
Forage rape (<i>Brassica campestris spp</i>)	20 g/ha	15 g/ha + 0.6 L/ha	
Fumitory (<i>Fumaria densiflora</i>)	30 g/ha	15 g/ha + 0.75 L/ha	
Heliotrope (<i>Heliotropium europaeum</i>)	40 g/ha	15 g/ha + 0.6 L/ha	Terrad'or® used without Nufarm CRUCIAL® controls small weeds up to 15cm and suppresses large weeds (15-30 cm).
Marshmallow (<i>Malva parviflora</i>)	20 g/ha	15 g/ha + 0.6 L/ha	
Medic (<i>Medicago polymorpha</i>)	-	15 g/ha + 0.6 L/ha	Only controlled when used with Nufarm CRUCIAL®
Native vinya (<i>Vigna lanceolata</i>)	20 g/ha	20 g/ha + 0.6 L/ha	
Phalaris (<i>Phalaris tuberosa</i>)	-	15 g/ha + 0.6 L/ha	Only controlled when used with Nufarm CRUCIAL® for seedling plants.
Prickly lettuce (<i>Lactuca serriola</i>)	-	15 g/ha + 0.6 L/ha	Only controlled when used with Nufarm CRUCIAL®
Redroot pigweed (<i>Amaranthus retroflexus</i>)	-	20 g/ha + 1.8 L/ha	Only controlled when used with Nufarm CRUCIAL®
Saffron Thistle (<i>Carthamus lanatus</i>)	-	15 g/ha + 0.9 L/ha	Only controlled when used with Nufarm CRUCIAL®
Silvergrass (<i>Vulpia bromoides</i>)	-	30 g/ha + 0.9 L/ha	Only controlled when used with Nufarm CRUCIAL®
Sorrel (<i>Rumex acetose</i>)	40 g/ha	15 g/ha + 0.6 L/ha	Terrad'or® will provide suppression at the 40 g/ha rate without Nufarm CRUCIAL®, but will provide control with Nufarm CRUCIAL® at a minimum 15 g/ha rate.
Sowthistle (<i>Sonchus oleraceus</i>)	20 g/ha	20 g/ha + 0.6 L/ha	
Stork's-bill (<i>Erodium botrys</i>)	-	15 g/ha + 0.6 L/ha	Only controlled when used with Nufarm CRUCIAL®
Sub clover (<i>Trifolium subterraneum</i>)	20 g/ha	15 g/ha + 0.6 L/ha	
Volunteer barley (<i>Hordeum vulgare</i>)	-	20 g/ha + 0.6 L/ha	Only controlled when used with Nufarm CRUCIAL®
Volunteer canola (<i>Brassica nupus</i>)	20 g/ha	15 g/ha + 0.6 L/ha	
Volunteer cotton (<i>Gossypium spp.</i>)	40 g/ha	40 g/ha + 0.6 L/ha	
Volunteer faba beans (<i>Vicia faba</i>)	20 g/ha	15 g/ha + 1.8 L/ha	
Volunteer field peas (<i>Pisum sativum arvense</i>)	-	20 g/ha + 1.1 L/ha	Only controlled when used with Nufarm CRUCIAL®
Volunteer lentils (<i>Lens culinaris</i>)	20 g/ha	20 g/ha + 0.6 L/ha	
Volunteer lupins (<i>Lupinus angustifolius</i>)	30 g/ha	20 g/ha + 0.6 L/ha	
Volunteer narrow leaf lupins (<i>Lupinus angustifolius</i>)	30 g/ha	20 g/ha + 0.6 L/ha	
Volunteer mung beans (<i>Vigna radiata</i>)	-	15 g/ha + 1.8 L/ha	Only controlled when used with Nufarm CRUCIAL®
Volunteer oats (<i>Avena sativa</i>)	30 g/ha	15 g/ha + 0.6 L/ha	
Volunteer vetch (<i>Vicia sativa.</i>)	-	15 g/ha + 1.1 L/ha	Only controlled when used with Nufarm CRUCIAL®
Volunteer wheat (<i>Triticum aestivum</i>)	20 g/ha	20 g/ha + 0.6 L/ha	
Wild oats (<i>Avena spp.</i>)	-	20 g/ha + 0.6 L/ha	Only controlled when used with Nufarm CRUCIAL®
Wild radish (<i>Raphanus raphanistrum</i>)	20 g/ha	15 g/ha + 0.6 L/ha	
Wild turnip (<i>Rapistrum rugosum</i>)	30 g/ha	15 g/ha + 0.6 L/ha	
Wintergrass (<i>Poa annua</i>)	-	20 g/ha + 0.75 L/ha	Only controlled when used with Nufarm CRUCIAL®

Section 3. FLEABANE & SOWTHISTLE (LARGER PLANTS) CONTROL FOR FALLOW AND PRE-SOWING – SEQUENTIAL APPLICATION

SITUATION & CROP	WEEDS CONTROLLED	WEED STAGE	RATE	CRITICAL COMMENTS
Prior to sowing the following winter or summer broadacre crops, pastures or starting a fallow and for fallow maintenance: Cereals; Pasture grasses; Pasture legumes; Pulses; Canola; Mustard (oilseed cultivars) (<i>Brassica juncea</i>); Cotton; as per the plantback table	Flaxleaf fleabane (<i>Conyza bonariensis</i>) Sowthistle (<i>Sonchus oleraceus</i>)	Stem elongation to flowering stage	First spray application: 1.1-1.8 L/ha Nufarm CRUCIAL® Herbicide^ + 0.91-1.54 L/ha Nufarm DROPZONE® Herbicide	Apply at stem elongation to flowering stage of weeds. For adequate coverage use a minimum application water volume of 80 L/ha. Refer to Nufarm CRUCIAL® and Nufarm DROPZONE® labels for further information. A sequential application of Terrad'or® (refer below) is recommended for situations where incomplete control is achieved with the first application, or where there are spray misses/shadowing, failures due to resistance, or under periods of temperature and/or moisture stress. For sowthistle, on smaller weed sizes (rosette stage prior to stem elongation) a single spray application of Terrad'or® can be used (refer to Sections 1 and 2). ^ Nufarm CRUCIAL is the recommended glyphosate partner. Alternative glyphosate products are listed in the compatibility section.
			Sequential spray application: 40 g/ha Terrad'or® + 0.5 L/100L Nufarm CanDo™ Adjuvant* OR 40 g/ha Terrad'or® + 2.0-2.4 L/ha Nufarm Shirquat® 250 Herbicide + 0.5-1.0 L/100L Nufarm CanDo™ Adjuvant*	Apply the sequential application (follow up spray) 7-14 days after the first application. For adequate coverage use a minimum application water volume of 80 L/ha. A tank mix of Terrad'or® and Nufarm Shirquat® may improve speed of brownout and final control. Observe the plant-back periods listed in the GENERAL INSTRUCTIONS. Sow following crops with a seeder that will move treated soil away from crop row (e.g. knife point with press wheels). Use of seeding machinery, or planting under conditions where product or treated soil remains or moves back into the crop row may result in crop damage. This may be caused by factors such as inappropriate seeding machinery, narrow row spacings, fast travel speeds, soil type, wind, heavy rainfall or irrigation after planting, etc. This is particularly important for susceptible crops such as canola. DO NOT apply post-sowing pre-emergent. Rainfast after 1 hour of daylight after application to seeding annual weeds when Terrad'or® is used with Nufarm CanDo™ Adjuvant* and Nufarm CRUCIAL® or Nufarm Shirquat®. As an alternative to Nufarm Shirquat®, to broaden the weed spectrum Terrad'or® may be tank mixed with the recommended rate of another knockdown herbicide (Spray.Seed™, Nufarm BIFFO® or Amitrole T). * Nufarm CanDo™ is the recommended adjuvant. Alternative adjuvants are listed in the compatibility section and should be used at 1 L/100L unless otherwise specified.

Section 4. PRE-HARVEST APPLICATION

CROP/SITUATION	WEEDS/SITUATION	RATE	CRITICAL COMMENTS
Wheat Including Durum (BBCH75-83 only)	Desiccation and seed set reduction of: Annual ryegrass (<i>Lolium rigidum</i>) Prickly lettuce (<i>Lactuca serriola</i>) Sowthistle (<i>Sonchus oleraceus</i>) Wild radish (<i>Raphanus raphanistrum</i>) Harvest aid	40 g/ha Terrad'or® + 0.5 L/100L Nufarm CanDo™ Adjuvant*	DO NOT use on crops intended for seed production or sprouting. DO NOT apply more than one (1) pre-harvest application of Terrad'or® per crop. DO NOT apply on crops which will be windrowed, for use only on direct harvested crops. DO NOT apply before Zadoks crop stage 75 (BBCH75) otherwise yield and grain quality penalties may occur. This is described as 'medium milk'; when grains have reached their final size. DO NOT apply after Zadoks crop stage 83 (BBCH83) otherwise residues may be detected in harvested grain. This is described as 'early dough'. Note that whilst the harvest withholding period is not required when used as directed, it is critical that this growth stage restriction is followed. Typically crops will not be ready to harvest for at least 21 days after application. Some minor black spotting may be observed on stems and glumes of wheat following application but does not impact yield or grain quality. Along with desiccation and seed set reduction of annual ryegrass, prickly lettuce, sowthistle and wild radish, Terrad'or® acts as a harvest aid through desiccation of weeds and foliage which can aid timely and efficient harvesting. Note that in some situations weed regrowth may occur, however significant seed set reduction can still be achieved. Efficacy of Terrad'or® may vary depending on: <ul style="list-style-type: none"> Environmental conditions (ie: soil moisture, air temperature) prior to, and following, spray application. Spray coverage (penetration into crop canopy) on the target. Terrad'or® will only provide seed set reduction to weeds where they receive adequate coverage from an application. Growth stage of target weeds. Higher levels of seed set reduction are observed where weeds are at flowering or early seed development stages. This targeted weed stage may not coincide with the recommended application timing based on crop growth stage, but Terrad'or® can only be applied in the BBCH75-83 crop growth stage. Once weed seeds have set, the application of Terrad'or® will only have an effect as a harvest aid. * Nufarm CanDo™ is the recommended adjuvant. Alternative adjuvants are listed in the compatibility section and should be used at 1 L/100L unless otherwise specified.

Section 5. OPTICAL SPOT SPRAY TECHNOLOGIES

Note: Calibrate the sprayer to spray the equivalent of 100 L/ha

For weed cover between 0 and 30 %. If percentage weed cover exceeds 30 % use approved boom spray rates according to Section 1.

SITUATION	WEEDS	RATE	CRITICAL COMMENTS
Prior to sowing the following winter or summer broadcast crops, pastures, or starting a fallow and for fallow maintenance: Cereals; Pasture grasses; Pasture legumes; Pulses; Canola; Mustard (oilseed cultivars) (<i>Brassica juncea</i>); Cotton; as per the plantback table	Annual grass and broadleaf weeds as listed in Section 2 weed table.	40 g/100L Terrad'or® + 1.8 L/100L Nufarm CRUCIAL® [^] Herbicide + 0.5 L/100L Nufarm CanDo™ Adjuvant*	Observe the plant-back periods listed in the GENERAL INSTRUCTIONS. Sow following crops with a seeder that will move treated soil away from crop row (e.g. knife point with press wheels). Use of seeding machinery, or planting under conditions where product or treated soil remains or moves back into the crop row may result in crop damage. This may be caused by factors such as inappropriate seeding machinery, narrow row spacings, fast travel speeds, soil type, wind, heavy rainfall or irrigation after planting, etc. This is particularly important for susceptible crops such as canola. DO NOT apply post-sowing pre-emergent. Rainfast in tank mixes with Nufarm CanDo™ and Nufarm CRUCIAL after 1 hour of daylight after application to seedling annual weeds [^] Nufarm CRUCIAL is the recommended glyphosate partner. Alternative glyphosate products are listed in the compatibility section. [*] Nufarm CanDo™ is the recommended adjuvant. Alternative adjuvants are listed in the compatibility section and should be used at 1 L/100L unless otherwise specified.

Section 6. NON-CROP AREAS

CROP/SITUATION	WEEDS	RATE	CRITICAL COMMENTS
Commercial, industrial and public service areas, around agricultural buildings, yards	Annual grass and broadleaf weeds as listed in Section 2 weed table.	40 g/ha + 1.8 L/ha Nufarm CRUCIAL® Herbicide [^] + 0.5 L/100L Nufarm CanDo™ Adjuvant* OR Refer to GENERAL INSTRUCTIONS for spot spraying or high-volume spraying application rates in tank mixes with Nufarm CRUCIAL.	Rainfast in tank mixes with Nufarm CRUCIAL after 1 hour of daylight after application to seedling annual weeds. [^] Nufarm CRUCIAL is the recommended glyphosate partner. Alternative glyphosate products are listed in the compatibility section. [*] Nufarm CanDo™ is the recommended adjuvant. Alternative adjuvants are listed in the compatibility section and should be used at 1 L/100L unless otherwise specified.

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

WITHOLDING PERIODS**HARVEST:**

NOT REQUIRED WHEN USED AS DIRECTED.

GRAZING:

CANOLA, CEREALS OTHER THAN WHEAT, MUSTARD (OILSEED CULTIVARS), PASTURES, PULSES: DO NOT GRAZE TREATED AREAS OR CUT FOR STOCKFOOD FOR 8 WEEKS AFTER APPLICATION.

WHEAT, FALLOW: DO NOT GRAZE OR CUT FOR STOCKFOOD FOR 7 DAYS AFTER APPLICATION.

COTTON: DO NOT GRAZE TREATED AREAS OR CUT FOR STOCKFOOD.

TRADE ADVICE**LIVESTOCK DESTINED FOR EXPORT MARKETS:**

The grazing withholding period only applies to stock slaughtered for the domestic market. Some export markets apply different standards. To meet these standards, ensure that in addition to complying with the grazing withholding period, the export slaughter interval is observed before stock are sold or slaughtered.

EXPORT SLAUGHTER INTERVAL (ESI) 3 DAYS:

Livestock that has grazed on or been fed treated crops or weeds should be placed on clean feed for 3 days prior to slaughter.

EXPORT OF TREATED PRODUCE:

Growers should note that maximum residue limits (MRLs) or import tolerances may not exist in all markets for wheaten hay or straw when Terrad'or® is applied pre-harvest (refer to Section 4). If you are growing wheaten hay or straw for export, please check with Nufarm for the latest information on MRLs and import tolerances before using Terrad'or®. Detectable residues are not expected in grain, forage, hay or straw from any crop when Terrad'or® is applied prior to sowing (refer to Sections 1, 3 and 5). Detectable residues are also not expected in wheat grain from crops where Terrad'or® has been applied preharvest (refer to Section 4). In these situations there are no export requirements relating to residues of Terrad'or.

GENERAL INSTRUCTIONS

Terrad'or® Herbicide (Terrad'or®) is a fast acting, non-selective contact herbicide with rapid foliar uptake. Subsequent germinations will not be controlled.

For rate and/or tank mix selection, the following factors should be considered to ensure control:

- weed
 - growth stage (e.g. leaf stage, stem elongation, etc.)
 - width
 - height
 - age
 - tap root (some weeds that appear small may in fact be older and have an established or large tap root)
- density
- level of herbicide resistance
- environmental conditions (e.g. moisture or heat stress, etc.)
- spray coverage (e.g. stubble load, water rate, etc.)

Application should ideally target younger and smaller actively growing weeds where the lower rates can be used. When the factors above are not ideal, use higher rates and/or a tank mix with a systemic herbicide (such as CRUCIAL). For specific rate recommendations, refer to the directions for use tables.

Mixing

Terrad'or® is a water dispersible granule formulation. To ensure even mixing, half-fill the spray tank with clean water before adding Terrad'or®. Keep the agitation system engaged. Mix thoroughly until fully dispersed. If using, add the glyphosate product and remaining water. Mix thoroughly. Add Nufarm CanDo™ Adjuvant* near the end of the filling process to minimize foaming. Always maintain adequate agitation during application and use the tank mix promptly.

Application

Prior to sowing

Apply in a minimum of 80 L/ha volume.

Pre-harvest

Apply in a minimum of 100 L/ha volume.

Commercial, industrial and public service areas, around agricultural buildings and yards

Apply by ground spraying equipment only. Aim to apply a thorough and even coverage of spray to the target plant. Dense stands of weeds should be thoroughly wetted with spray. Incomplete coverage may result in poor control. Equipment should be such that adequate coverage, penetration and volume of spray liquid can be achieved.

Boom, Directed or Shielded Sprayer Equipment

Terrad'or® should be applied in sufficient water to give thorough coverage of weeds (minimum 200 L/ha volume). Special care must be taken when using sprayer/slasher combination units not to cause dust and turbulence, which can carry spray into non-target areas.

Knapsack and Handgun Equipment

Terrad'or® should be applied in adequate water to thoroughly wet the weeds being sprayed, i.e. 500 to 1000 L/ha. Dense stands will require up to 1000 L/ha of spray mixture, whereas less dense stands will require less water. High volume application using hollow-cone nozzles for hand spraying is recommended. Refer to the dilution rates below.

Spot spraying	High volume (500 L/ha water volume)	High volume (1000 L/ha water volume)
Per 15 litres of water: 1 g Terrad'or® + 90 mL Nufarm CRUCIAL® ^ + 75 mL Nufarm CanDo™ Adjuvant*	Per 100 litres of water: 8 g Terrad'or® + 600 mL Nufarm CRUCIAL® ^ + 0.5 L Nufarm CanDo™ Adjuvant*	Per 100 litres of water: 4 g Terrad'or® + 600 mL Nufarm CRUCIAL® ^ + 0.5 L Nufarm CanDo™ Adjuvant*

^ Nufarm CRUCIAL is the recommended glyphosate partner. Alternative glyphosate products are listed in the compatibility section.

* Nufarm CanDo™ is the recommended adjuvant. Alternative adjuvants are listed in the compatibility section and should be used at 1 L/100L (or 15 mL/15L) unless otherwise specified.

Equipment maintenance and usage

A 50 mesh primary filter and 80 mesh secondary filter(s) are recommended. The use of in-line nozzle filters is not recommended.

Sprayer clean-up

Terrad'or® is active at low rates therefore thorough decontamination of spray equipment is critical to ensure no residues remain that could impact a subsequently treated crop. Following use, thoroughly clean spray equipment using Nufarm Tank & Equipment Cleaner according to the label directions.

Crop plant back & rotation recommendations

1 hour	1 week	2 weeks	4 weeks	6 weeks
Wheat Barley Oats Lupin Chick pea Field pea Corn Sorghum Faba bean Lentil Vetch	Canola (15 – 20 g/ha rates only) Mustard (oilseed cultivars) (<i>Brassica juncea</i>) (15 – 20 g/ha rates only) Pastures: Annual ryegrass Hybrid ryegrass Italian ryegrass Perennial ryegrass Annual medics Lucerne Subterranean clover	Canola (21 – 40 g/ha rates only) Mustard (oilseed cultivars) (<i>Brassica juncea</i>); (21 – 40 g/ha rates only)	Mung bean	Cotton

RESISTANT WEEDS WARNING**GROUP 14 HERBICIDE**

Terrad'or® Herbicide is a member of the Pyrimidinione group of herbicides. The mode of action of Terrad'or® Herbicide is to inhibit protoporphyrinogen oxidase. For weed resistance management, Terrad'or® Herbicide is a Group 14 Herbicide. Some naturally-occurring weed biotypes resistant to Terrad'or® Herbicide and other Group 14 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 Terrad'or® Herbicide or other Group 14 Herbicides.

Since the occurrence of resistant weeds is difficult to detect prior to use, Nufarm Australia Limited and FarmHannong Co Ltd accept no liability for any losses that may result from the failure of Terrad'or® Herbicide to control resistant weeds. Strategies to minimize the risk of herbicide resistance are available. Contact your farm chemical supplier, consultant, local Department of Agriculture or Weedsmart (weedsmart.org.au).

COMPATIBILITY

Terrad'or® must always be tank mixed with Nufarm CanDo™ or Banjo®. For most uses, as per the Directions For Use, Terrad'or® Herbicide should be tank mixed with Nufarm CRUCIAL® or Nufarm Shirquat®. Terrad'or® Herbicide is also compatible with Nufarm weedmaster® DST®, Nufarm Glyphosate 450SL, Nufarm weedmaster ARGO®, Nufarm Amitrole T and Nufarm Biffo®. Terrad'or® Herbicide is also compatible with other partner herbicides commonly tank mixed with knockdown herbicides including Nufarm DROPZONE®, Nufarm Amicide® Advance 700, Nufarm 2,4-D Ester 680, Nufarm Kamba® 750, Nufarm Avadex® Xtra, Nufarm Triflurx®, Nufarm Terrain® Flow, Nufarm Pyroxa sulfone 850WG, Sakura®, Overwatch® and Callisto®. This compatibility claim is restricted to a four-way mix of Terrad'or® Herbicide with any of the above partner herbicides plus Nufarm CRUCIAL® and either Nufarm CanDo™ or Banjo®.

PRECAUTIONS**Re-entry**

DO NOT enter or allow entry into treated areas until the spray has dried.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Very toxic to aquatic life. **DO NOT** contaminate wetlands or watercourses with this product or used containers.

STORAGE AND DISPOSAL

Keep out of reach of children. Store in the closed, original container in a dry, cool, well-ventilated area out of direct sunlight.

For plastic containers:

Triple-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 deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm 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 foil bags:

Single-rinse or shake remainder into spray tank. **DO NOT** dispose of undiluted chemicals on site. Puncture and deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm 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.

SAFETY DIRECTIONS

May irritate the eyes. Avoid contact with eyes. When using together with other products, consult their safety directions. When using the product wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and gauntlet-length chemical resistant gloves. Wash hand after use. After each days use wash gloves and contaminated clothing.

FIRST AID

First aid is not generally required. If in doubt, contact a Poisons Information Centre (phone Australia 13 11 26; New Zealand 0800 764 766) or a doctor.

ADDITIONAL STATEMENTS (WHS REGULATIONS 2011)

Causes eye irritation. If medical advice is needed, have product container or label at hand. Keep out of reach of children. Read label before use. Wash hands thoroughly after handling. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF eye irritation persists, get medical advice/attention. Collect spillage.

SAFETY DATA SHEET

For further information refer to the Safety Data Sheet (SDS), which can be obtained by scanning the QR code, from your supplier or the Nufarm website.

In case of emergency: Phone 1800 033 498 (24 hrs) and ask for shift supervisor.

PRODUCT STEWARDSHIP INFORMATION AND TOOLS

nufarm.com.au/stewardship is a website which contains resources on spray drift management, recording keeping and application technologies.

When spraying in or near areas with sensitive crops such as cotton, check online at **satacrop.com.au** for the proximity of sensitive crops mapped by growers.

stewardshipfirst.com.au is a website with CropLife Australia's suite of world-leading product stewardship initiatives, programs and best-practice guides.

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.

Terrad'or® is a trade mark owned by FarmHannong Co., Ltd.

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* Other registered trade marks

Registered to and manufactured by:

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For product advice, or to learn more about complementary Nufarm solutions, reach out to your local Nufarm specialist or call **1800 NUFARM (1800 683 276)**.

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