CAUTION

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

Credit®*

Broadhectare Herbicide

Active constituent: 540g/L GLYPHOSATE present as the isopropylamine and mono-ammonium salts



For the control of annual, perennial and aquatic weeds in many situations, and for the control of annual and perennial weeds prior to sowing winter and summer crops, to control sorghum re-growth, for ratoon control in sugarcane and to assist in pasture renovation and management.

IMPORTANT: READ THE ATTACHED BOOKLET BEFORE USING THIS PRODUCT.

Contents: 20 Litres 110 Litres 200 Litres 400 Litres

> 500 Litres 800 Litres

1000 Litres

Nufarm Australia Limited ACN 004 377 780 103-105 Pipe Road Laveron North Victoria 3026

Tel: (03) 9282 1000 Fax: (03) 9282 1001



® Credit is a registered trademark of Nufarm Australia Limited

* Patent pending

Text for: 20L, 110L, 200L, Date: 1 400L, 500L, 800L & 1000L label

Date: 19.06.09

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PROTECTION OF WILDLIFE, FISH, CRUSTACEA AND ENVIRONMENT

DO NOT contaminate dams, rivers or streams with the product or used container.

GENERAL INSTRUCTIONS

Before opening, carefully read Directions For Use, Precautionary Statements, Safety Directions and First Aid Instructions.

STORAGE AND DISPOSAL (20L, 200L Only)

Store in the closed, original container in a dry, cool, well-ventilated area away from children, animals, food, feedstuffs, seed and fertilisers. 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 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.

STORAGE AND DISPOSAL – 400L, 500L, 800L, 1000L

Store in the closed, original container in a dry, cool, well-ventilated area away from children, animals, food, feedstuffs, seed and fertilisers. Do not store for prolonged periods in direct sunlight. Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

Envirodrum 110L Mini Bulk Returnable Container

Store the original sealed Envirodrum in a cool, well ventilated area. Do not store for prolonged periods in direct sunlight. Do not tamper with the Micro Matic valve or the security seal. Do not contaminate the Envirodrum with water or any other foreign matter. After each use of the product, please ensure that the Micro Matic coupler, delivery system and hoses are disconnected, triple rinsed with clean water and drained accordingly. When the contents of the Envirodrum have been used, please return the empty Envirodrum to the point of purchase. The Envirodrum remains the property of Nufarm Australia Limited.

SAFETY DIRECTIONS

Product will irritate the eyes and skin. Avoid contact with eyes and skin. When preparing product for use wear elbow-length PVC gloves and face shield or goggles. When using controlled droplet applicator wear protective waterproof clothing and impervious footwear. After use and before eating, drinking or smoking wash hands, arms and face thoroughly with soap and water. After each day's use, wash gloves, face shield or goggles and contaminated clothing.

FIRST AID

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

MATERIAL SAFETY DATA SHEET.

For further information refer to the Material Safety Data Sheet (MSDS).

CONDITIONS OF SALE

"Any provisions or rights under the Trade Practices Act 1974 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."

NRA Approval No.: 52430/1002

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

Batch No
Date of Manufacture
DrumMuster logo [20L, 200L only]
Australian Made logo
Envirodrum logo (110L only)

CAUTION

Text for: Label leaflet

for all pack sizes

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READ THOROUGHLY BEFORE USING.

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DIRECTIONS FOR USE:

RESTRAINTS: To ensure herbicide absorption DO NOT disturb treated weeds by cultivation, sowing or grazing for 6 hours after treatment of annual weeds and 7 days for perennial weeds. DO NOT treat weeds under poor growing or dormant conditions such as drought, water logging, disease, insect damage or following frost. DO NOT treat weeds heavily covered with dust or silt. Rainfall occurring up to 6 hours after application may reduce effectiveness. Heavy rainfall within 2 hours of application may wash the chemical off the foliage and a repeat treatment may be required. DO NOT use prior to sowing tomatoes.

1. GENERAL WEED CONTROL

Situation	Critical Comments (Refer to Application Checklist before using).
For general weed control in Domestic areas (Home gardens), Commercial, Industrial and Public Service areas, Agricultural buildings and other farm situations.	For the control of many grasses and broadleaf weeds. RATE: 7mL PER LITRE OF WATER plus Nufarm Bonus *1. Apply when weeds are actively growing. Apply to ensure complete and uniform wetting of foliage. Visible symptoms may take from 3 to 7 days to develop.
For specific weeds, brush and woody weeds or unwanted trees, refer to the appropriate WEEDS CONTROLLED table.	*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section.

2. ANNUAL WEED CONTROL

Situation	Weeds		Rate	Critical Comments
Non- Cultivated Situations	Amaranth Barley Grass Barnyard Grass Brome Grass Caltrop Canary Grass Annual Phalaris Capeweed Cereals Chickweed Cobbler's Pegs Deadnettle Doublegee Fumitory Ground Cherry Lesser Swinecress Liverseed Grass Mintweed Paradoxa Grass Paterson's Curse Pigweed Potato Weed Ryegrass Saffron Thistle Silver Grass Sow Thistle Spear Thistle Spear Thistle Spiny Burrgrass Spurge Sub. Clover Thornapple Wild Mustard Wild Oats Wild Turnip Winter Grass Variegated Thistle	Amaranthus spp. Hordeum leporinum Echinochloa spp. Bromus spp. Tribulus terrestris Phalaris spp. Arctotheca calendula (volunteer wheat, barley, oats, sorghum) Stellaria media Bidens pilosa Lamium amplexicaule Emex australis Fumaria officinalis F. muralis Physalis angulata Coronopus didymus Urochloa panicoides Salvia reflexa Phalaris paradoxa Echium plantagineum Portulaca oleracea Galinsoga parviflora Lolium rigidum Carthamus lanatus Vulpia spp. Sonchus oleraceus Cirsium vulgare Cenchrus spp. Euphorbia spp. Trifolium subterraneum Datura spp. Sisymbrium officinale Avena spp. Brassica tournefortii Poa annua Silybum marianum	BOOM: 1.3-2L/ha plus Nufarm Bonus *1 HANDGUN: 330-470mL per 100L plus Nufarm Bonus *1 KNAPSACK: 50-70mL per 15L plus Nufarm Bonus *1 WIPER EQUIPMENT AND CONTROLLED DROPLET APPLICATORS *1: See Application section.	*1 Always add Nufarm Bonus® Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. Annual weeds may be sprayed anytime they are actively growing. Use the lower rate on weeds up to 15cm tall; increase to the higher rate where weeds are over 15cm tall. Visible symptoms develop in 3-7 days, but complete desiccation may take 20-30 days under cool conditions. This product does not provide residual weed control. Repeat treatments may be necessary to control of ANNUAL weeds, this product may be used as a tank mixture with certain residual herbicides. See TANK MIXTURES for directions. For annual weed control in cultivated situations see: 8. CONSERVATION TILLAGE USES.

Weeds		Rate		Critical Comments
	Boom	Handgun vol/100L	Knapsack mL/15L	*Note: Also refer to the Critical Comments of the AQUATIC WEEDS Section on pages 14-15, for important restrictions in the application of GLYPHOSATE in aquatic situations.
Alligator Weed*	-	670mL plus Nufarm Bonus *1	100mL plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. Apply when actively growing, from Summer through Winter. Floating form only.
Bamboo <i>(Bambusa spp.)</i>	-	670mL plus Nufarm Bonus *1	100mL plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. Apply to actively growing foliage and/or regrowth which is between 1m and 2m tall. Cut stump: Dilute 1:9 ie. mix 1 part of this product plus 9 parts water. Cut stems back to 20cm high, pour mixture down hollow stem or wet the cut.
Bent Grass (Agrostis capillaris)	1.7L/ha plus Nufarm Bonus *1	330mL plus Nufarm Bonus *1	50mL plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. Apply to actively growing plants in late spring when they have some seed head development but before summer moisture stress. Bent grass should NOT be heavily grazed at spraying. Follow up management is required to limit seedling re-establishment. Full disturbance with a tyned implement should follow, 10-21 days after spraying. Application of this product should be followed by a summer crop and/or by re-seeding pasture or crop the following autumn.
Blady Grass (Imperata cylindrica)	6L/ha plus Nufarm Bonus *1	900mL plus Nufarm Bonus *1	130mL plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. Apply to actively growing plants at the early head stage.
Bracken (Pteridium esculentum)	6L/ha plus Nufarm Bonus*1 plus Freeway Gold 200mL/ 100L spray	1L plus Nufarm Bonus *1	150mL plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. For boom application, always add Freeway Gold, otherwise reduced results will occur. Addition of Freeway Gold (200mL/100L spray) may improve control with handgun application. Wiper application is recommended, see WIPER EQUIPMENT. Double pass application is required for pipewick equipment. Bracken should be slashed in winter/spring prior to treatment. Apply this product in March-May to fully unfurled actively growing fronds but prior to frosts. Visible symptoms may not be fully apparent until the next season. Complete control will not be achieved from one application. Repeat treatment is recommended, preferably associated with pasture improvement.
Brown Beetle Grass* (Diplachne spp.)	2L/ha plus Nufarm Bonus *1	330mL plus Nufarm Bonus *1	50mL plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. Apply to actively growing plants. Do not apply to partially submerged plants.
Carpet Grass (Axonopus spp.)	2L/ha plus Nufarm Bonus *1	330mL plus Nufarm Bonus *1	50mL plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. Apply to actively growing plants at the early head stage.
Cocksfoot (Dactylis glomerata)	2L/ha plus Nufarm Bonus *1	470mL plus Nufarm Bonus *1	70mL plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. Apply to actively growing plants at the early head stage.
				*1 Always add Nufarm Bonus

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DIRECTIONS FOR USE CONTINUED:

Weeds		Rate		Critical Comments	
	Boom	Handgun vol/100L	Knapsack mL/15L	*Note: Also refer to the Critical Comments of the AQUATIC WEEDS Section on pages 14-15, for important restrictions in the application of GLYPHOSATE in aquatic situations.	
Couch (Cynodon dactylon)	6L/ha plus Nufarm Bonus *1	900mL plus Nufarm Bonus *1	130mL plus Nufarm Bonus *1	Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. Apply to actively growing plants when most have reached the early head stage. In SA and WA apply to active plants during Oct-Nov for best results.	
Cumbungi* (Typha spp.)				*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. Apply to actively growing plants at the early head to full head stage (summer-autumn). Re- treatment may be required to restrict seedling re- establishment. Application by wiper equipment is recommended (not Tasmania). Refer WIPER EQUIPMENT section.	
Flatweed (Cat's Ear) (Hypochoeris radicata)	2L/ha plus Nufarm Bonus *1	470mL plus Nufarm Bonus *1	70mL plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. Apply to fully developed rosettes at the early flower stage.	
Glyceria (Glyceria maxima)	4L/ha plus Nufarm Bonus *1	670mL plus Nufarm Bonus *1	100mL plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. Apply to actively growing plants at the mature head stage in late summer-autumn.	
Guinea Grass (Panicum maximum)	6L/ha plus Nufarm Bonus *1	900mL plus Nufarm Bonus *1	130mL plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. Apply to actively growing plants when most have reached the early head stage. For WIPER application refer WIPER EQUIPMENT section.	
Hoary Cress (Cardaria draba)	1L/ha plus Nufarm Bonus *1	330mL plus Nufarm Bonus *1	50mL plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. For maximum long term reduction apply from late July to September when plants are in late rosette to flowering stage. Plants should be actively growing and not under stress of drought, frost or waterlogging. Application may be integrated with long fallows. Cultivation may start 7 days after spraying. Wiper equipment may be used where sufficient stem elongation occurs, refer to WIPER EQUIPMENT section.	
Johnson Grass (Sorghum halepense) Kangaroo Grass (Themeda australis) Kikuyu Grass (Pennisetum clandestinum)	4L/ha plus Nufarm Bonus *1	670mL plus Nufarm Bonus *1	100mL plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section.Apply to actively growing plants at the early head stage. For application by wiper equipment on Johnson Grass, off-type and Volunteer Sorghum refer to WIPER EQUIPMENT section.	
Lovegrass, African (Eragrostis curvula)	4L/ha plus Nufarm Bonus *1	670mL plus Nufarm Bonus *1	100mL plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. Apply to actively growing plants. Re-treatment and/or pasture improvement is recommended to restrict seedling re-establishment.	

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DIRECTIONS FOR USE CONTINUED:

Weeds		Rate		Critical Comments
	Boom	Handgun vol/100L	Knapsack mL/15L	*Note: Also refer to the Critical Comments of the AQUATIC WEEDS Section on pages 14-15, for important restrictions in the application of GLYPHOSATE in aquatic situations.
Ludwigia peruviana	-	670mL plus Nufarm Bonus *1	100mL plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. Apply when actively growing and at or beyond the early bloom stage of growth, but before autumn colour changes occur. Thorough coverage is necessary for best control.
Nutgrass (Cyperus rotundus) Does not refer to other Cyperus spp. which may be locally known as nutgrass.	4L/ha plus Nufarm Bonus *1	670mL plus Nufarm Bonus *1	100mL plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. NON-CULTIVATED SITUATIONS: Apply to actively growing plants in late summer-autumn (Feb-Apr) when at least 20% have reached the head stage.
	2L/ha plus 2L/ha plus Nufarm Bonus *1	470mL plus 470mL plus Nufarm Bonus *1	70mL plus 70mL plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. ARABLE LAND: Make FIRST APPLICATION to actively growing plants when at least 20% have reached the head stage (normally about Feb). After allowing maximum re-emergence to occur (normally in 6-8 weeks) it is essential to make a SECOND APPLICATION. NOTE: In arable land Nutgrass may rapidly regenerate from isolated nuts. Follow up treatments should be made as part of a Nutgrass control program.
Pampas Grass (Cortaderia spp.)	-	670mL or 900mL plus Nufarm Bonus *1	100 or 130mL plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. Apply to actively growing plants during spring, summer or autumn. Ensure complete coverage of the foliage. For best results, apply after flowering. For easier access, large plants may be cut or burnt prior to spraying, but first allow regrowth to reach 1m. Use the higher rate on plants over 1m high. LOW VOLUME APPLICATION: Use 1:13 mixture of this product to water. Apply 2x2mL per 0.5m height. Ensure spray contacts all foliage.
Paragrass* (Brachiara mutica)	6L/ha plus Nufarm Bonus *1	900mL plus Nufarm Bonus *1	130mL plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section.
Paspalum (Paspalum dilitatum)	4L/ha plus Nufarm Bonus *1	670mL plus Nufarm Bonus *1	100mL plus Nufarm Bonus *1	Apply to actively growing plants when most have reached the early head stage.
Pellitory (Parietaria judaica)	-	670mL plus Nufarm Bonus *1	100mL plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. Apply to actively growing plants prior to seeding. Repeat applications may be necessary to control seedlings and/or regrowth.
Phalaris (Phalaris aquatica)	2-4L/ha plus Nufarm Bonus *1	330-670mL plus Nufarm Bonus *1	50-100mL plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. Apply to actively growing plants during winter-spring. Use the lower rate where only knockdown is required eg. prior to burning of firebreaks. Burning can usually start 14-21 days after spraying. For long term control increase to the higher rate.
Phragmites, Common Reed* (Phragmites australis)	6L/ha plus Nufarm Bonus *1	900mL plus Nufarm Bonus *1	130mL plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. Apply to actively growing, fully developed plants approaching the early head stage. Visible symptoms of control may be slow to develop and may not be fully apparent until the next season. For application by wiper equipment refer to WIPER EQUIPMENT section.

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DIRECTIONS FOR USE CONTINUED:

	Rate		Critical Comments	
Boom	Handgun vol/100L	Knapsack mL/15L	*Note: Also refer to the Critical Comments of the AQUATIC WEEDS Section on pages 14-15, for important restrictions in the application of GLYPHOSATE in aquatic situations.	
2L/ha plus Nufarm Bonus *1	470mL plus Nufarm Bonus *1	70mL plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. Apply to actively growing plants at the early head stage. Symptoms may be slow to develop.	
4L/ha plus Nufarm Bonus *1	670mL plus Nufarm Bonus *1	100mL plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. Apply to actively growing plants at the early head stage.	
4L/ha plus Nufarm Bonus *1	670mL plus Nufarm Bonus *1	100mL plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. Apply in late summer-autumn to actively growing plants with foliage at least 20cm high. To ensure maximum shoot emergence the area should NOT be cultivated in the period from the preceding winter until the time of spraying.	
-	-	-	*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. Apply by wiper equipment to actively growing plants. Where there is a large proportion of dead foliage, pre-slashing is recommended. Allow adequate regrowth before treatment. Refer WIPER EQUIPMENT section for application instruction.	
1.3L or 2.7L/ha plus Nufarm Bonus *1	330mL or 670mL plus Nufarm Bonus *1	50mL or 100mL plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. Apply to actively growing plants in flowering to post-flowering period (Oct-Apr). Use the lower rate only if the stand has been slashed prior to treatment. Re-treatment may be necessary. Visible symptoms may not be fully apparent for up to 3 months. Use of CDA equipment is not recommended.	
-	1.3L plus Nufarm Bonus *1	200mL plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. Use ONLY under good soil moisture conditions. Apply to actively growing plants at the late flowering to berry stage. Repeat spraying will be necessary to restrict regrowth and seedling re-establishment.	
4L/ha plus Nufarm Bonus *1	670mL plus Nufarm Bonus *1	100mL plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. Apply to actively growing plants when most have reached the early bud stage. In Conservation Tillage situations, 1.0L/ha provides seasonal suppression. Refer to Conservation Tillage Uses table.	
	2L/ha plus Nufarm Bonus *1 4L/ha plus Nufarm Bonus *1 4L/ha plus Nufarm Bonus *1 - 1.3L or 2.7L/ha plus Nufarm Bonus *1	Boom Handgun vol/100L 2L/ha plus Nufarm Bonus *1 4L/ha plus Nufarm Bonus *1 4L/ha plus Nufarm Bonus *1 4L/ha plus Nufarm Bonus *1	Boom Vol/100L Knapsack mL/15L 2L/ha plus Nufarm Bonus *1 4L/ha plus Nufarm Bonus *1 1.3L or 2.7L/ha plus Nufarm Bonus *1 200mL or 100mL plus Nufarm Bonus *1 1.3L plus Nufarm Bonus *1 4L/ha plus Nufarm Bonus *1 1.3L plus Nufarm Bonus *1 4L/ha plus Nufarm Bonus *1 4L/ha plus Nufarm Bonus *1	

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DIRECTIONS FOR USE CONTINUED:

Weeds		Rate		Critical Comments
	Boom	Handgun vol/100L	Knapsack mL/15L	*Note: Also refer to the Critical Comments of the AQUATIC WEEDS Section on pages 14-15, for important restrictions in the application of GLYPHOSATE in aquatic situations.
Soursob (Oxalis pes-caprae)	1L/ha plus Nufarm Bonus *1	330mL plus Nufarm Bonus *1	50mL plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. For maximum long term reduction apply from late July to early September but before natural plant yellowing (senescence) occurs. Soursob should be actively growing and not under stress of drought or waterlogging. If heavy frosting has occurred allow recovery before spraying. If heavy grazing has occurred allow recovery of foliage to at least 5cm before spraying. In Conservation Tillage (eg. direct drilling) situations, application in May-July immediately prior to sowing will give control of top growth and give partial reduction of plant numbers. Refer Conservation Tillage Uses table.
St John's Wort (Hypericum perforatum)	2L/ha plus Nufarm Bonus *1	330mL plus Nufarm Bonus *1	50mL plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. Apply to actively growing plants in the flowering to post-flowering, procumbent stem stage (generally Nov-May). Re-treatment, or oversowing with improved pasture species may be necessary to restrict seedling re-establishment.
Thistle, Artichoke (Cynara cardunculus)	2L/ha plus Nufarm Bonus *1	330mL plus Nufarm Bonus *1	50mL plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. Apply at the rosette-early head stage.
Thistle, Californian (Cirsium arvense)	4L/ha plus Nufarm Bonus *1	670mL plus Nufarm Bonus *1	100mL plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. Apply to actively growing plants at the flowering stage. To ensure maximum shoot emergence the area should NOT be cultivated prior to spraying. Re-treatment and/or pasture improvement may be necessary to restrict seedling re-establishment.
Water Couch* (Paspalum distichum)	6L/ha plus Nufarm Bonus *1	900mL plus Nufarm Bonus *1	130mL plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. Apply to actively growing plants in late summer- autumn (February-March). Do not treat after March because of the onset of winter dormancy. Full results may not be visible until the following spring. Not more than 1/4 of the weed should be submerged at the time of treatment.
Water Hyacinth*	4L-6L/ha plus Nufarm Bonus *1	670mL- 900mL plus Nufarm Bonus *1	100mL- 130mL plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. Apply when actively growing and at or beyond the early bloom stage of growth. Use the higher rate on dense infestations.
Water Lettuce*	-	670mL- 900mL plus Nufarm Bonus *1	100mL- 130mL plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. Best results are obtained from mid-summer through to winter. Use the higher rate on dense infestations.
Waterlily, Yellow*	4L/ha plus Nufarm Bonus *1	670mL plus Nufarm Bonus *1	100mL plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. Apply when there is a maximum emergence of floating leaves. Allow 2-3 weeks for symptoms to develop, then retreat any unaffected plants. Use low volume sprayer. Refer to Table 6: Aquatic Weed Control.
Yorkshire Fog (Holcus lanatus)	2L/ha plus Nufarm Bonus *1	470mL plus Nufarm Bonus *1	70mL plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. Apply to actively growing plants at the early head stage.

4. BRUSH AND WOODY WEEDS

Use of CDA equipment not recommended for brush and woody weed control.

Text for: Label leaflet

for all pack sizes

Use of CDA equipment not recommended for brush and woody weed control.						
Weeds		Rate		Critical Comments		
	Handgun vol/100L	Knapsack mL/15L	Low Volume Product:Water			
Bitou Bush/ Boneseed (Chrysanthemoides monilifera)	330mL or 670mL plus Nufarm Bonus *1	50mL or 100mL plus Nufarm Bonus *1	1:44 or 1:30 plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. Apply to actively growing plants. Spray to wet all foliage. Best results are achieved when treated at peak flowering during winter. Do not apply during periods of drought stress. Use the higher rate on bushes over 1.5m. Further treatment may be necessary to restrict seedling re-establishment. Low Volume Application: (eg. Gas gun and Splatter Gun). Ensure spray contacts all foliage. Use the higher rate (1:30) on bushes over 1.5m high.		
Boxthorn, African (Lycium ferocissimum)	470-670mL plus Nufarm Bonus *1	70-100mL plus Nufarm Bonus *1	-	*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. Use the lower rate for young bushes; increase to the higher rate for large, mature bushes. Spray to wet all foliage. Do not spray during hot, dry summer periods. Burning (after complete brownout), pasture improvement and/or further treatment are recommended to control seedlings and/or regrowth.		
Blackberry (Rubus fruticosus)	670mL- 900mL plus Nufarm Bonus *1	100-130mL plus Nufarm Bonus *1	-	*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. Apply from flowering to leaf fall (generally Jan-May). Plants should not be under stress of high temperature, drought or frost. Spray to wet all foliage. Use the higher rate on old, dense infestations over 2m high. Visible symptoms may not be fully apparent until the next season. Burning (after complete brownout), pasture improvement and/or further treatment are recommended to control seedlings and/or regrowth. In Tasmania, do not treat bushes bearing mature fruit.		
Crofton Weed (Eupatorium adenophorum)	330mL plus Nufarm Bonus *1	50mL plus Nufarm Bonus *1	-	*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. Apply to actively growing plants with full foliage. Spray to wet all foliage. Further treatment and/or pasture improvement are recommended to restrict seedling re-establishment.		
Gorse (Furze) (Ulex europaeus)	670mL plus Nufarm Bonus'' plus Freeway Gold 200mL	-	-	*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. Apply all year round, but only to actively growing plants. Always add Freeway Gold, otherwise reduced results will occur. Spray to wet all foliage. Burning (after complete brownout), pasture improvement and/or further treatment are recommended to control seedlings and/or regrowth.		
Groundsel Bush (Baccharis halimifolia)	470mL- 670mL plus Nufarm Bonus *1	70mL- 100mL plus Nufarm Bonus *1	1:13 plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. Apply to actively growing plants. Do not apply during winter, nor during periods of summer drought stress. Use the higher rate on bushes over 2m tall. Spray to wet all foliage. Further treatment and/or pasture improvement are recommended to control seedlings and/or regrowth. LOW VOLUME APPLICATION (eg. Splatter Gun and Gas Gun): Use 1:13 mixture of product:water. Apply 2x2mL dose per 0.5m bush height. Ensure spray contacts all foliage.		

4. BRUSH AND WOODY WEEDS

Weeds		Rate		Critical Comments
	Handgun vol/100L	Knapsack mL/15L	Low Volume Product:Water	
Hawthorn (Crataegus spp.)	670-900mL plus Nufarm Bonus *1	100mL- 130mL plus Nufarm Bonus *1	1:13 plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. Apply to actively growing plants from flowering to leaf fall. Spray to wet all foliage. Use the higher rate on bushes over 2m tall. Burning (after complete brownout), pasture improvement and/or further treatment are recommended to control seedlings and/or regrowth. LOW VOLUME APPLICATION (eg. Splatter Gun and Gas Gun): Use 1:13 mixture of product:water. Apply 2x5mL dose per 0.5m bush height. Ensure spray contacts all foliage.
Lantana (Lantana camara)	670mL plus Nufarm Bonus *1	100mL plus Nufarm Bonus *1	1:13 plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. Apply to actively growing plants with full foliage. Ensure complete treatment of individual plants. Do not spray during periods of summer drought stress. Burning (after complete brownout), pasture improvement and/or further treatment are recommended to control seedlings and/or regrowth. Addition of Freeway Gold (200mL/100L) may improve control. LOW VOLUME APPLICATION (eg. Splatter Gun and Gas Gun): Use 1:13 mixture of product:water. Apply 2x2mL dose per 0.5m bush height. Ensure spray contacts all foliage. SPRINKLER SPRAYER: Apply 6mL of a 1:13 solution to every square metre of treated area.
Mistflower (Eupatorium riparium)	330mL plus Nufarm Bonus *1	50mL plus Nufarm Bonus *1	1:13 plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. Apply to actively growing plants with full foliage. Spray to wet all foliage. Further treatment and/or pasture improvement are recommended to restrict seedling re-establishment. SPRINKLER SPRAYER: Apply 3mL of a 1:13 solution to every square metre of treated area.
Sifton Bush/Chinese Scrub (Cassinea arcuata)	670mL or 900mL plus Nufarm Bonus *1	100mL or 130mL plus Nufarm Bonus *1	1:13 plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. Apply when actively growing. Ensure complete coverage of the bush. Pasture improvement and/or re-treatment is recommended to control seedlings and/or regrowth. HIGH VOLUME: Use the higher rate on bushes over 1m. LOW VOLUME: Apply 40mL per 0.5m height. WIPER APPLICATION: Double pass application is required. Application is best made to small (less than 1m) green bushes.
Sweet Briar (Rosa rubiginosa)	1-1.3L plus Nufarm Bonus *1	150-200mL plus Nufarm Bonus *1	1:13 plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. Apply to actively growing plants from late flowering to leaf fall. Spray to wet all foliage. Use the higher rate on bushes over 1.5m high. Burning (after complete brownout), pasture improvement and/or further treatment are recommended to control seedlings and/or regrowth. LOW VOLUME APPLICATION: (eg. Splatter Gun and Gas Gun): Use 1:13 mixture of product:water. Apply 2x5mL dose per 0.5m bush height. Ensure spray contacts all foliage.

5. UNWANTED TREE CONTROL – ensure trees are actively growing at time of treatment and not under stress of drought, waterlogging or cold.

Method	Species Controlled	Tree Size	Mixture (By Vol.) Product: Water	Critical Comments	
Cut Stump	Jarrah (Eucalyptus marginata), Longleaf Box (E. goniocalyx), Marri (E. calophylla), Messmate Stringybark (E. obliqua), Narrowleaf Peppermint (E. radiata)	0-10cm basal diameter	1:22	*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. Dilute with water in the recommended ratio. Cut tree	
	Privet (Ligustrum spp.), Rhus (Toxicodendron succedaneum)	0-30cm basal diameter	1:2	close to ground and immediately wet stump surface thoroughly using Splatter Gun, spray, swab or bush. Remove any branches on the stump and treat any cut surface.	
Foliar Application: Low Volume (Gas Gun or Splatter Gun)	Bullich (Eucalyptus megacarpa), Marri (E. calophylla), Jarrah (E. marginata)	0-1.5m height	1:22 Add Freeway Gold at 20mL/10L spray mixture	*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. Dilute in the	
Splatter Gun)	Eucalyptus spp.	0-1.5m height	1:8 Add Freeway Gold at 20mL/10L spray mixture	Gun to apply 5mL of solution per dose, as a fine spray. Apply 5mL per 0.5m tree height. Ensure spray contacts all foliage.	
Foliar Application: High Volume (Knapsack or Handgun)	Eucalyptus spp. Willows (Salix babylonica)	0-2.0m height	670mL-900mL per 100L For Eucalyptus spp. add Freeway Gold at 200mL/100L spray mixture	Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. Spray to wet all foliage.	
Stem Injection	Flooded Gum (Eucalyptus grandis), Ghost Gum (E. papuana), Gum Topped Bloodwood (E. dichromophloia), Messmate Stringybark (E. obliqua), Narrowleaf Ironbark (E. creba), Pink Bloodwood (E. intermedia), Poplar Box (E. populnea), Silverleaf Ironbark (E. melanophloia), Silvertop Ash (Ironbark) (E. sieberi), Spotted Gum (E. maculata), Swamp Mahogany (Tristania suaveolens), White Mahogany (E. acmenoides), Willows (Salix babylonica), Privet (Ligustrum spp.) Rhus (Toxicodendron succedaneum)	0-25cm basal diameter 26-60cm basal diameter	Undiluted 1mL/cut Undiluted 1.5mL/cut	*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. Use an applicator calibrated to deliver 1, 1.5 or 2mL per cut. Make 5cm cuts at an oblique angle to penetrate the sapwood beneath the bark. Space cuts at 13cm centres around tree circumference below any branching, otherwise remove or treat all branches below cuts. On multiple trunk trees ensure each trunk is treated.	
	Camphor Laurel (Cinnamomum camphora)	Basal diameter to 25cm Basal diameter	2mL/cut		
		26-60cm	1.5mL/cut		

6. AQUATIC WEED CONTROL

Situation	Weeds	Rate	Critical Comments
AQUATIC AREAS For the control of emerged weeds in all bodies of fresh and brackish water which may be flowing, non-flowing or transient. Also for weeds on margins of streams, lakes and dams and in channels and drains	For specific rates of application the Aquatic Weeds Table		*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. Reduction in effectiveness may result if more than 1/4 of the above ground portion of the weed is submerged at treatment. Submerging the treated plants following treatment may result in the spray being washed from the plant surface, thus reducing effectiveness. Do not apply this product within 0.5km up-stream of potable water intake in flowing water (ie river or stream, etc) or within 0.5km of a potable water intake in a standing body of water such as a lake, pond or reservoir. Applications to moving bodies of water should be made while travelling upstream wherever possible to prevent concentration of this herbicide in water. When making any bankside applications, do not overspray more than 0.5m into open water. Avoid spraying across moving bodies of water, or where weeds do not exist. When spraying floating weeds, use a low volume, low pressure boom sprayer, CDA or sprinkler sprayer. Do not submerge the weeds when spraying as this may wash the herbicide off the leaves. When emerged infestations require treatment of the total surface area of impounded water, treating the area in strips may avoid sudden impact on habitat.

AQUATIC WEEDS TABLE

Weeds		Rate		Critical Comments
	Boom	Handgun vol/100L	Knapsack mL/15L	DO NOT add extra Surfactant/Wetter unless it is approved for use in aquatic situations.
Alligator Weed	-	670mL plus Nufarm Bonus *1	100mL plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. Apply when actively growing, from summer through winter. Floating form only.
Cumbungi <i>(Typha spp.)</i>	6L/ha plus Nufarm Bonus *1	900mL plus Nufarm Bonus *1	130mL plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. Apply to actively growing plants at the early head to full head stage (summer-autumn). Re-treatment may be required to restrict seedling re-establishment. Application by wiper equipment is recommended (not Tasmania). Refer WIPER EQUIPMENT section.
Paragrass (Brachiara mutica)	6L/ha plus Nufarm Bonus *1	900mL plus Nufarm Bonus *1	130mL plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. Apply to actively growing plants when most have reached the early head stage.
Phragmites, Common Reed (Phragmites australis)	6L/ha plus Nufarm Bonus *1	900mL plus Nufarm Bonus *1	130mL plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. Apply to actively growing, fully developed plants approaching the early head stage. Visible symptoms of control may be slow to develop and may not be fully apparent until the next season. For application by wiper equipment refer to WIPER EQUIPMENT section.
Rushes (Juncus spp.)	-	-	-	*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. Apply by wiper equipment to actively growing plants. Where there is a large proportion of dead foliage, pre-slashing is recommended. Allow adequate regrowth before treatment Refer WIPER EQUIPMENT section for application instructions.

AQUATIC WEEDS TABLE

Weeds		Rate		Critical Comments	
	Boom	Handgun vol/100L	Knapsack mL/15L	DO NOT add extra Surfactant/Wetter unless it is approved for use in aquatic situations.	
Sedge, Tall (Carex appressa)	1.3L or 2.7L/ha plus Nufarm Bonus *1	330mL or 670mL plus Nufarm Bonus *1	50mL or 100mL plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. Apply to actively growing plants in flowering to post-flowering period (Oct-Apr). Use the lower rate only if the stand has been slashed prior to treatment. Re-treatment may be necessary. Visible symptoms may not be fully apparent for up to 3 months. Use of CDA equipment is not recommended.	
Water Couch (Paspalum distichum)	6L/ha plus Nufarm Bonus *1	900mL plus Nufarm Bonus *1	130mL plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. Apply to actively growing plants in late summer- autumn (Feb-Mar). Do not treat after March because of the onset of winter dormancy. Full results may not be visible until the following spring. Not more than 1/4 of the weed should be submerged at the time of treatment.	
Water Hyacinth	4L-6L/ha plus Nufarm Bonus *1	670mL- 900mL plus Nufarm Bonus *1	100mL- 130mL plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. Apply when actively growing and at or beyond the early bloom stage of growth. Use the higher rate for dense infestations.	
Water Lettuce	-	670mL- 900mL plus Nufarm Bonus *1	100mL- 130mL plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. Best results are obtained from mid-summer through to winter. Use the higher rate on dense infestations.	
Waterlily, Yellow	4L/ha plus Nufarm Bonus *1	670mL plus Nufarm Bonus *1	100mL plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. Apply when there is a maximum emergence of floating leaves. Allow 2-3 weeks for symptoms to develop, then retreat any unaffected plants. Use low volume sprayer.	

7. GENERAL USES – For home garden uses refer to Table 1 "GENERAL WEED CONTROL" on page 5.

Situation	Weeds	Rate	Critical Comments
NON-AGRICULTURAL AREAS: Around buildings Commercial and Industrial areas, Domestic and public service areas, Rights of way	Table 2. ANNUAL WEED CONTROL. Table 3. PERENNIAL WEED CONTROL.		*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. This product does not provide residual weed control. For residual control of ANNUAL WEEDS only, this product may be used as a tank mixture with certain residual herbicides. Refer to Tank Mixtures.
AGRICULTURAL AREAS			*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. This product may be used for control of annual and perennial weeds as directed, in agricultural land prior to sowing of any edible or non-edible crop but not prior to transplanting tomato seedlings. For specific recommendations refer Table 8. CONSERVATION TILLAGE.

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DIRECTIONS FOR USE CONTINUED:

7. GENERAL USES – For home garden uses refer to Table 1 "GENERAL WEED CONTROL" on page 5.

Situation	Weeds	Rate	Critical Comments
FORESTS	For specific rates of appli Table 2. ANNUAL WEED Table 3. PERENNIAL WEE CONTROL.	CONTROL.	*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. This product may be used prior to establishment of nurseries, for site preparation prior to planting and amongst established trees using a directed or shielded spray, or using selective wiper equipment. DO NOT allow wiper surface to contact ANY PART OF THE TREE. DO NOT allow spray or spray drift to contact foliage or green bark of desirable trees, since severe injury may result.
PASTURE			*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. DIRECTED (SPOT) APPLICATION: This product is non-selective and may damage or kill any plant in the sprayed area. Re-treatment and/or pasture improvement may be necessary to restrict seedling re-establishment. SELECTIVE, WIPER APPLICATION: refer WIPER EQUIPMENT. BOOM APPLICATION: This product may be used to suppress or kill existing pasture species prior to re-seeding, or establishment of other crops. Refer to 8. CONSERVATION TILLAGE. Where spot application (spray or wiper) is undertaken, grazing stock need not be removed. CAUTION: Certain plants may be naturally toxic to stock. Where known toxic plants are present DO NOT allow stock to graze until complete browning of treated plants has occurred.
PEANUTS, COTTON, SOYBEANS, SUGARCANE, NAVY BEANS & CHICKPEAS (using selective application equipment)	For specific rates of application refer Table 2. ANNUAL WEED CONTROL. Table 3. PERENNIAL WEED CONTROL.	Refer WIPER EQUIPMENT	*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. Application by WIPER EQUIPMENT ONLY. Apply to weeds growing between crop rows or to weeds growing at least 15cm above the crop. DO NOT allow wiper to contact crop and ensure operating conditions do not allow solution to drip from applicator since severe injury may result. Refer to WIPER EQUIPMENT for application instructions. SHIELDED SPRAYERS (Cotton only). Apply to weeds growing between crop rows using a shielded sprayer. Refer to the Weeds Controlled tables for rates of application. DO NOT apply in crops less than 20cm high. DO NOT allow spray or spray drift to contact any part of the cotton plant as severe injury or destruction may result.
TREE AND VINE CROPS: Avocado, Banana, Blueberries, Citrus fruit, Custard apples, Duboisia, Figs dessert, Guava, Kiwifruit, Litchi, Mango, Monstera fruit, Nuts (including: almond, pecan, macadamia, pistachio, walnut), Olive, Pawpaw, Persimmons, Pome fruit, Raspberries, Stone fruit, Tea, Vineyards.	For specific rates of application refer Table 2. ANNUAL WEED CONTROL. Table 3. PERENNIAL WEED CONTROL.		*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. Apply as a directed or shielded spray, or using wiper equipment. DO NOT apply as a spray near trees or vines less than 3 years old, unless they are effectively shielded from spray and spray drift. DO NOT allow wiper surface to contact any part of the tree, vine or palm. Citrus fruit, Litchi, Nuts, Olive, Pome fruit, Vineyards: DO NOT allow spray or spray drift to contact green bark or stems, canes, laterals, suckers, fresh wounds, foliage or fruit. Tea: Apply a maximum of 2.7L/ha by shielded boom or directed off-centre nozzle or 0.33L/100L by directed handgun or knapsack to avoid application to the crop. All other crops: DO NOT allow spray or spray drift to contact any part of the tree, vine or palm, including the trunk. CAUTION: Where split bark on Kiwifruit and green stems on pawpaw occur, extreme care is required. For residual control of annual weeds this product may be tank mixed with compatible herbicides which are labelled for use in the above crops. See Tank Mixtures for Directions.

7. GENERAL USES – For home garden uses refer to Table 1 "GENERAL WEED CONTROL" on page 5.

Situation	Weeds	Rate	Critical Comments
ONIONS: Post-plant, pre-emergence application	Control of annual weeds & suppression of perennial weeds (including Rope Twitch)	670mL-2L/ha plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION Section. Apply post-sowing and at least 7 days before crop is due to emerge. DO NOT apply to emerging onion plants as severe injury will result. Use the lower rate on small, actively growing annual weeds. Increase to the higher rate for larger annual weeds (over 15cm tall) and for suppression of perennial weeds.
SUGAR CANE Ratoon Spray out	Sugar Cane Ratoon regrowth	2.7-6L/ha plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/ Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION section. APPLY UNDER GOOD GROWING CONDITIONS ONLY to actively growing ratoons 60 - 120cm tall. DO NOT apply if plants are under stress of low moisture or water logging. RATE SELECTION: Use the lower rate for
			suppression or where cultivation is to follow. Use the higher rate for control.
COTTON PRE-HARVEST Do not use on crops intended for seed production.	Bathurst Burr, Noogoora Burr, Winter Annual Weeds including Sowthistle/Milkthistle	830mL- 1.7L/ha plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/ Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION section. Use the lower rate on light infestations of small weeds, where the crop canopy allows adequate spray coverage of the weeds. Increase to the higher rate when the crop canopy may limit spray coverage when treating dense infestations or when treating larger weeds. Apply alone or in tank mixtures with Dropp or Harvade. Apply when at least 60% of bolls are open and immature bolls cannot be easily cut with a sharp knife. Where a leafy canopy limits spray coverage, reduced weed control can be expected. For best results under these conditions, delay application until canopy re-opens following initial conditioning treatment.
	Nutgrass (seasonal suppression only)	1.7L/ha plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/ Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION section. Where control of Nutgrass or Noogoora Burr is required, treatments should be applied prior to the onset of frosts. When tank mixed with defoliants, a slightly higher proportion of cotton leaf may be retained, particularly where the higher rate is used. Read and follow all label directions for the tank mix products.

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Situation & Crop	Weeds	Rate	Critical Comments
SOUTHERN AUSTRALIA Prior to Sowing a Crop or Pasture with full soil disturbance by cultivation or sowing with a tyned implement	Barley Grass, Brome Grass, Volunteer Cereals, Wild Oats	330-670mL/ha plus Nufarm Bonus *1 pre- tillering 670-830 mL/ha plus Nufarm Bonus *1 post tillering	*1 Always add Nufarm Bonus Adjuvant/ Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION section. Treat only actively growing weeds not under stress from low moisture, frost, cold, disease or water logging. If heavy grazing has occurred allow regrowth to 6 - 8cm before spraying and use the higher rate.
	Annual Phalaris (Canary Grass), Annual Ryegrass, Silver Grass, Winter Grass	670-830mL/ha plus Nufarm Bonus *1 pre- tillering 830mL-1L/ha plus Nufarm Bonus *1 post tillering	RATE SELECTION: Increase to higher rates late in the season or when treating under cold/overcast conditions. FULL DISTURBANCE with cultivation or sowing with a tyned implement may start 1 day after treatment (7 days if Dock, Phalaris, Skeleton Weed, Soursob or Sorrel are present) and should
	Calomba Daisy, Capeweed, Doublegee (Spiny Emex)	330-670mL/ha plus Nufarm Bonus *1 less than 8cm diameter 670mL-1L/ha plus Nufarm Bonus *1 greater than 8cm diameter	occur within 21 days after treatment. Where cultivation or sowing does not occur within 21 days, new weed growth may require further treatment. When treating light infestations of seedling annual grasses (pre-tillering) and annual broadleaved weeds (less than 8cm dia/height) cultivation or sowing may start 6 hours after treatment and should occur within 21 days. CROP ESTABLISHMENT: Sowing should not proceed until conditions allow the formation of a
	Amsinkia, Fumitory, Paterson's Curse, Saffron Thistle, Scotch Thistle, Spear Thistle, Variegated Thistle, Volunteer Lupins, Wild Turnip	670-830mL/ha plus Nufarm Bonus *1 less than 12cm diameter 830mL-1L/ha plus Nufarm Bonus *1 greater than 12cm diameter	satisfactory seedbed. See Crop Establishment section for directions. ANNUAL RYEGRASS, SILVERGRASS, AND PERENNIAL GRASSES: When treating dense infestations of Silvergrass, use of low volume nozzles (eg. ss11001, Hardi No. 10) and a spray volume of 70L/ha or more is recommended to improve plant spray coverage. TANK MIXTURES: For improved control of
	Dock (seedling)	670mL-1L/ha plus Nufarm Bonus *1	clover add Kamba (dicamba). Read and follow all label directions, restraints, plant back periods, withholding periods and safety directions for the tank mix products. See Tank Mixtures.
	Perennial Phalaris, Sorrel, Sub-clover, Soursob, Skeleton Weed - fully emerged rosettes	1L/ha plus Nufarm Bonus *1	PERENNIAL WEEDS: - For Soursob, Perennial Phalaris, Skeleton Weed and Sorrel, this product will provide knockdown, seasonal suppression and reduction in treated plant numbers.
	(NSW only)		TASMANIA ONLY: Use 1L/ha on annual weeds. Increase to 2L/ha plus Nufarm Bonus*1 where Perennial Weeds are being treated. Added surfactant is recommended at all spray volumes. To control white clover and improve control of Sorrel and Dock, add 400mL/ha Kamba 500 (Dicamba). Observe Kamba 500 label directions and plant back periods.
SOUTHERN AUSTRALIA	Barley Grass, Wild Oats, Volunteer Cereals	670mL-1L/ha plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/ Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION section.
Prior to establishing a crop or pasture with an implement that gives minimal or no soil disturbance	Brome Grass, Canary Grass (Annual Phalaris), Capeweed, Variegated Thistle, Winter Grass	830mL-1.3L/ha plus Nufarm Bonus *1	Treat only actively growing weeds not under stress from low moisture, frost, cold, disease or water logging. If heavy grazing has occurred allow regrowth to 6 - 8cm before spraying and use the higher rate.
	Annual RyeGrass, Paterson's Curse, Saffron Thistle, Scotch Thistle, Spear Thistle, Silver Grass, Wild Mustard, Wild Radish, Wild Turnip	1-1.3L/ha plus Nufarm Bonus *1	RATE SELECTION: Use the lower rate on young weeds, increase to the higher rate where grasses reach full tillering or where broadleaf weeds reach stem elongation/budding. Increase to higher rates in Spring or when treating under cold/overcast conditions. Continued over

Situation & Crop	Weeds	Rate	Critical Comments
SOUTHERN AUSTRALIA Prior to establishing a crop or pasture with	Erodium, Plantain, Perennial Phalaris, Perennial Ryegrass, Sorrel, Sub-clover, Yorkshire Fog	1.25-1.7L/ha plus Nufarm Bonus *1	Continued AERIAL APPLICATION: Use the higher rates. See Aerial Equipment. ANNUAL RYEGRASS, SILVER GRASS, &
an implement that gives minimal or no soil disturbance (cont)	Dock, FlatWeed	1.7L/ha plus Nufarm Bonus *1	PERENNIAL GRASS: When treating dense infestations of Silvergrass use of low volume nozzles (eg. ss11001, Hardi No. 10) and a spray volume of 70L/ha or more is recommended to improve plant spray coverage.
			TANK MIXTURES: For improved control of Dock, Sorrel, & Sub-clover, add Kamba 500 (Dicamba). Read and follow all label directions, restraints, plant back periods, withholding periods and safety directions for the tank mix products. See Tank Mixtures for directions.
			PASTURE OR CROP ESTABLISHMENT: DO NOT sow into excessive trash. Trash may be removed by grazing after treatment. Grazing may commence one day after treatment of annual weeds (small) and 7 days for perennial weeds. Delay grazing for 3 days where annual weeds are large. Sowing may proceed when excessive trash is removed but not sooner than one day after treatment of annual weeds and 7 days for perennial weeds. See also Crop Establishment.
			AERIAL (OR SURFACE) SEEDING: Delay seeding until trash is completely removed by grazing and/or plant decay. When establishing pasture, ensure application of fertiliser and insecticides & follow-up management is undertaken as required.
			TASMANIA ONLY: Use 1L/ha plus Nufarm Bonus *1 on annual weeds. Increase to 2L/ha plus Nufarm Bonus *1 where perennial weeds are being treated. To control White Clover and improve control of Sorrel and Dock, add 400mL/ha Kamba 500 (Dicamba). Observe Kamba 500 label directions and plant back periods.
SOUTHERN AUSTRALIA To start a fallow	Barley Grass, Volunteer Cereals, Wild Oats	670mL-1L/ha plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/ Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION section. Treat only actively growing weeds not under
	Annual Ryegrass, Brome Grass, CapeWeed, Paterson's Curse (rosette), Saffron Thistle, Scotch Thistle, Silver Grass, Spear Thistle, Wild Mustard, Wild Radish, Wild Turnip	1-1.3L/ha plus Nufarm Bonus *1	stress from low moisture, frost , cold, disease or water logging. If heavy grazing has occurred allow regrowth to 6 - 8cm before spraying.
			RATE SELECTION: Use lower rates on young weeds or where cultivation is to follow within 21 days increasing to the high rates where grasses reach full tillering or where broadleafed weeds reach stem elongation/budding.
	Hoary Cress, Soursob	1L/ha plus Nufarm Bonus *1 1-2L/ha plus Nufarm Bonus *1	ANNUAL RYEGRASS, SILVER GRASS AND PERENNIAL GRASS: When treating dense infestations of Silvergrass, use of low volume
	Couch		nozzles (eg. ss11001, Hardi No. 10) and a spray volume of 70L/ha or more is recommended to improve plant spray coverage.
			HOARY CRESS: Treat from late rosette to early flowering. SOURSOB: Treat at tuber exhaustion. COUCH: Use the higher rate on dense infestations. Apply sequential treatments during summer and autumn, with autumn being most effective. Repeat applications will be required for full control. For improved control use in conjunction with cultivation. Continued over

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DIRECTIONS FOR USE CONTINUED:

Situation & Crop	Weeds Controlled	Rate	Critical Comments
SOUTHERN AUSTRALIA To start a fallow (Continued)	Couch (Continued)	1.2L/ha plus Nufarm Bonus *1	Continued TANK MIXTURES: Read & follow all label directions, restraints, plant back periods, withholding periods & safety directions for the tank mix products. See Tank Mixtures.
			TASMANIA ONLY: Use 1L/ha plus Nufarm Bonus *1 on annual weeds. Increase to 2L/ha plus Nufarm Bonus *1 where perennial weeds are being treated. To control White clover and improve control of Sorrel and Dock, add 400mL/ha Kamba 500 (dicamba). Observe Kamba 500 label directions and plant back periods.
NORTHERN AUSTRALIA For weed control in fallows or prior to	Annual Phalaris (Canary Grass), Barley Grass, Volunteer Cereals, Wild Oats	330-670mL/ha plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/ Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION section. Treat only actively growing weeds not under stress from low moisture, frost, cold, disease or
sowing winter or summer crops	Barnyard Grass, Button Grass, Columbus Grass (seedling) Liverseed Grass, Native Millet, Stinkgrass (Lovegrass), Volunteer Sorghum	670mL-1.3L/ha plus Nufarm Bonus *1	water logging. If heavy grazing has occurred allow regrowth to 6 - 8cm before spraying. Note that under summer (hot) conditions, dense infestations of Barnyard grass & Liverseed grass (Urochloa) may require follow-up treatment for complete control. In winter (cold) conditions,
	Australian Bluebell (Qld only), Cudweed, Fumitory, Mexican Poppy, New Zealand Spinach, Saffron Thistle, Spear Thistle, Spurge, Stinking Goosefoot	670mL-1L/ha plus Nufarm Bonus *1	symptoms on Deadnettle may be slow to develop. RATE SELECTION: Use the lower rate on young weeds increase to the higher rate where grasses reach full tillering or where broadleaf weeds reach stem elongation/budding. At advanced stages of growth certain broadleaf weeds require a higher rate range or the addition of 2,4-D Ester.
	Suppression of Black Bindweed, Wireweed	670mL-1L/ha plus Nufarm Bonus *1	CROP ESTABLISHMENT: Sowing should not proceed until conditions allow the formation of a satisfactory seedbed. See Crop Establishment.
	Black (Giant) Pigweed, Boggabri Weed, Caltrop (Yellowvine), Indian Hedge Mustard, Mintweed, Summer Grass	330-670mL/ha plus Nufarm Bonus *1 up to 5 true leaves or 3cm diameter/height 670mL-1L/ha plus Nufarm Bonus *1 greater than 5 true leaves or 3cm diameter/ height	TANK MIXTURES See Tank Mixtures: Read and follow all label directions, restraints, plant back periods, withholding periods and safety directions for the tank mix products. DO NOT tank mix with atrazine when spraying Barnyard Grass or Liverseed Grass. AERIAL APPLICATION: For instructions on aerial application under hot conditions see Aerial Equipment section. DO NOT apply by aircraft when temperature is above 30°C.
	African Turnip Weed, Deadnettle, Sweet Summer Grass, Variegated Thistle, Volunteer Sunflower	500-670mL/ha plus Nufarm Bonus *1 up to 5 true leaves or 3cm diameter/height 670-1.3L/ha plus Nufarm Bonus *1 greater than 3cm diameter/ height	
	Annual Ground Cherry (Gooseberry), Camel Melon, Bladder Ketmia, Turnip Weed, Wild Lettuce, Wild Turnip, False castor oil plant/Thornapple, Cont over	670mL-1L/ha plus Nufarm Bonus *1prior to stem elongation/ budding. After that use 330mL- 1L/ha plus Cont over	

Situation & Crop	Weeds Controlled	Rate	Critical Comments
NORTHERN AUSTRALIA For weed control in fallows or prior to sowing winter or summer crops (Continued)	Continued Noogoora Burr, Wireweed	Continued Nufarm Bonus *1 plus 500- 700mL/ha 2,4-D Ester (800g/L) or 1-1.3L/ha of this product alone plus Nufarm Bonus *1	Refer to previous page.
	Pigweed	670mL-1.3L/ha plus Nufarm Bonus *1 up to 20cm dia.	*1 Always add Nufarm Bonus Adjuvant/ Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION section. Use a higher rate on larger weeds. Control of Pigweed over a wide range of growth stages can be obtained with the addition of Ally/Associate. Observe re-cropping intervals.
	Sowthistle/Milkthistle	500-670mL/ha plus Nufarm Bonus *1 rosettes up to 3cm dia. 670mL-1.3L/ha plus Nufarm Bonus *1 greater than 3cm dia.	*1 Always add Nufarm Bonus Adjuvant/ Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION section. Previously grazed plants may be difficult to control without allowing full recovery.
	Couch	1-2L/ha plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/ Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION section. Use the higher rate for dense infestations. Apply sequential treatments during summer and autumn, with autumn being most effective. Repeat applications will be required for full control. For improved control use in conjunction with cultivation.
	Johnston Grass	1.3-2L/ha plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/ Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION section. Use the higher rate on plants approaching seedhead stage. Apply to plants with a minimum of 30cm new growth. Sequential treatments will be required for long term control.
	Nutgrass	2 + 2L/ha plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/ Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION section. Make first application to actively growing plants when at least 20% have reached the head stage (normally about Feb.) After allowing maximum re-emergence to occur (normally in 6-8 weeks), it is essential to make a second application. NOTE: Follow up treatments should be made as part of a Nutgrass control program.
FALLOW/PREPLANT KNOCKDOWN WEED CONTROL Prior to sowing the following winter Cereals:-	Annual Ground Cherry (Gooseberry), Camel Melon, Bladder Ketmia, Sowthistle (Milk Thistle), Turnip Weed, Wild Lettuce, Wild Turnip, plus those controlled by Ally¹/Associate	plus Nufarm Bonus *1 rosettes up to 3cm diameter (Sowthistle only); plus 5 or 7g/ha Ally¹/Associate. 670mL-1L/ha plus Nufarm	*1 Always add Nufarm Bonus Adjuvant/ Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION section. WHEAT: DO NOT apply less than 10 days prior to sowing as crop injury may occur, particularly under dry, cold conditions. Apply when weeds are actively growing and in accordance with the recommendations provided on the respective product labels. Use the appropriate rate of each product for the target weed spectrum.
Barley, Cereal Rye or Triticale		Bonus *1 prior to stem elongation/ budding; plus 5 or 7g per ha Ally'/Associate. After that use Cont over	BARLEY, CEREAL RYE OR TRITICALE:

Situation & Crop	Weeds Controlled	Rate Volume	Critical Comments
Barley, Cereal Rye or Triticale continued	Continued	330mL-1L/ha plus Nufarm Bonus *1, plus 500-700mL/ha 2,4-D Ester (800g/L) OR 1L/ha of this product alone; plus Nufarm Bonus *1 plus 5g or 7g per ha Ally¹/Associate	cold conditions, Apply when weeds are actively growing and in accordance with the recommendations provided on the respective product labels. Use the appropriate rate of each product for the target weed spectrum.
POA TUSSOCK INFESTED PASTURE For reduction of ground cover allowing pasture renovation	Most annual weeds and suppression of Poa Tussock (Poa labillardieri)	2-2.7L/ha plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/ Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION section. TiMING: Graze heavily, then remove stock at least 14 days before spraying to allow fresh regrowth. Apply to actively growing plants after the autumn break but before heavy frosts (March - May) APPLICATION: Increasing to the higher rate may give more effective reductions. If aerial spraying, see Aerial Equipment. FOLLOW-UP MANAGEMENT: Sowing may start from 14 days after spraying. It is essential that correct follow-up pasture establishment and management occurs after treatment. Spot treatment will limit re-infestation.
SEED-HEAD SUPPRESSION OF PERENNIAL GRASSES	Bent Grass	250-420mL/ha plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/ Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION section. TIMING: Treat from late October to late November. Apply before seedheads have emerged. Use the higher rate where growth is excessive and renovation is intended the following autumn. FOLLOW-UP MANAGEMENT: Graze herd after spraying.
BENT GRASS INFESTED PASTURE For control/suppression prior to establishing crops or improved pasture species	Most annual Weeds and Bent Grass (Agrostis capillaris)	1.7L/ha plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/ Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION section. TIMING: Apply to actively growing plants in late spring when they have some seed head development, but before summer moisture stress. Remove stock to ensure there is full leaf growth. FOLLOW-UP MANAGEMENT: Full disturbance with a tyned implement should follow 10 - 21 days after spraying. Then follow with a summer crop, and/or re-seeded pasture or crop the following Autumn.
PASTURE TOPPING For Annual Grass, Capeweed and Calomba Daisy seed- set reduction	Barley Grass, Brome Grass, Silver Grass, CapeWeed Annual Ryegrass, Calomba Daisy	200-300mL/ha plus Nufarm Bonus *1 300mL/ha plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/ Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION section. Remove stock prior to treatment to allow even regrowth. Apply to Capeweed and Annual Ryegrass at FLOWERING. For other grasses, apply from HEAD to MILKY DOUGH stage. Use the higher rate for dense infestations or where Annual Ryegrass is present. Apply before signs of plants "haying off". Reduction in pasture legume population may occur as a result of treatment. DO NOT apply to Clover or Medic crops intended for seed or hay.

Situation & Crop	Weeds Controlled	Rate	Critical Comments
PASTURE MANIPULATION For suppression or control of pasture species prior to drilling, improved pasture, forage species, soybeans or Leucaena. BAND SPRAYING:	Carpet Grass, Kikuyu, Paspalum	900mL-4L/ha plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/ Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION section. RATE SELECTION: For suppression apply the lower rate. Where complete control is required apply up to the high rate. BAND SPRAYING: Band Spraying may be done immediately after the sowing operation. Mount the nozzles behind the coulter/tyne/press wheel assembly of the band seeder. Adjust to spray 0.5 to 1.0m strips. Ensure minimal disturbance of the
May also be applied as a band or strip spray	Barbed Wire Grass, Black Speargrass, Love Grasses, Red Natal Grass, Wire Grasses	2L plus Nufarm Bonus *1	pasture. Excessive dust created in the seeding operation may reduce herbicide activity. Pasture seed must be drilled at the appropriate depth and covered by soil. LEUCAENA (QLD ONLY): Apply 2L/ha through a single taper fan nozzle LFI-80 mounted at the rear of the single row planter providing a 1m swath. Planting rows to be 4m apart. QLD ONLY: Apply 420mL-4L/ha plus Nufarm Bonus *1 for control of kikuyu.
SORGHUM CONTROL Pre-harvest	Sorghum (Grain Sorghum) DO NOT apply to varieties intended for seed production or varieties prone to lodging.	1-1.3L/ha plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/ Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION section. DO NOT apply if crop is under stress from low moisture, frost, cold or water logging. RATE SELECTION: Use the lower rate for control of crop and late tillers and suppression of ratoon regrowth. Use the higher rate for improved
			suppression of ratoon regrowth. TIMING: Apply when grain moisture is less than 25%. Application can be made when moderate browning has occurred. CAUTION: Treatment may increase potential for CROP LODGING, particularly if prior moisture stress has occurred. Harvest as soon as sufficient
			dry down has occurred to avoid possible lodging. CAUTION: Sorghum may be naturally toxic to stock.
SORGHUM CONTROL Post harvest	Sorghum stubble (Grain Sorghum)	670mL-1L/ha plus Nufarm Bonus *1 for fresh regrowth from slashed stubble 1-1.3L/ha plus Nufarm Bonus *1 for standing stubble if sufficiently green	*1 Always add Nufarm Bonus Adjuvant/ Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION section. APPLY UNDER GOOD GROWING CONDITIONS ONLY: DO NOT apply if plants are under stress of low moisture, frost, cold or water logging. SLASHED STUBBLE AND SPRING REGROWTH: Apply when fresh regrowth is at least 20cm high. STANDING STUBBLE: Apply only if sufficient
		and for fresh spring regrowth	green leaf is present. If grazing has occurred allow regrowth to 20cm before treatment. RATE SELECTION: Use the lower rate for knockdown and regrowth suppression where cultivation is to follow. Increase to the higher rate
			for improved regrowth control. NOTE: Variable results occur where the crop has been subject to stress or growing conditions are marginal. Some varieties particularly Goldrush 2, Ruby, Trump, Prize and Nugget 2, give variable results if they have not grown under ideal conditions.
			CAUTION: Sorghum may be naturally toxic to stock

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Broadhectare Herbicide for all pack sizes

DIRECTIONS FOR USE CONTINUED:

8. CONSERVATION TILLAGE

Situation & Crop	Weeds Controlled	Rate Vol/ha	Critical Comments
RICE Direct Drilling	Annual Phalaris (Canary Grass), Annual Ryegrass, Barley Grass, Burr Medic, Sub-clover, Winter Grass	670-830mL/ha plus Nufarm Bonus *1	*1 Always add Nufarm Bonus Adjuvant/ Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION section. Use the higher rate where Annual Ryegrass is dominant. In grazed situations, if heavy grazing has occurred allow regrowth to 6 - 8cm before spraying. This product is less effective on drought stressed plants. In drought conditions a pre- watering prior to spraying is recommended. SOWING:Direct drilling may take place 1 - 14 days after spraying. This product does not provide residual weed control. Permanent water and approved selective herbicides should be used to provide continuing control of weeds.
WINTER PASTURE Prior to Sowing with Rice.	Clovers, Paterson's Curse, Curled Dock and Narrow Leaf Dock	670-1.3L/ha plus Nufarm Bonus *1 plus 5g/ha Ally¹/Associate	*1 Always add Nufarm Bonus Adjuvant/ Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION section. Apply as a tank mix prior to sowing rice by drill or by air. Apply to actively growing weeds.
COTTON Shielded Sprayers	Refer to Weeds Controlled section Northern Australia: In fallows or prior to sowing a crop.		*1 Always add Nufarm Bonus Adjuvant/ Surfactant. For specific rates refer to SURFACTANT/ADJUVANT ADDITION section. Apply this product to weeds growing between crop rows using a shielded sprayer. Do not apply in crops less than 20cm high. Do not allow spray or spray drift to contact any part of the Cotton plant as severe injury or destruction may result.

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

WITHHOLDING PERIOD: NOT REQUIRED WHEN USED AS DIRECTED

GENERAL INSTRUCTIONS

- This product may be used prior to sowing any crop (edible or non-edible) but not prior to transplanting tomato seedlings.
- A Withholding Period for grazing stock is not required. However, it is recommended that grazing of treated plants be delayed for 6 hours after treatment of annual weeds, or 7 days if perennial weeds are present, to ensure absorption of this product.
- Certain plants (e.g. Soursob, Variegated Thistle)
 may be naturally toxic to stock. Where known toxic
 plants are present, do not allow stock to graze until
 complete browning of treated plants has occurred.
- Weeds should be actively growing at time of treatment.
- Do not treat weeds under poor growing or dormant conditions (such as occur in drought, water logging, disease, insect damage or following frosts) as reduced weed control may result. Reduced results may also occur when treating weeds heavily covered with dust or silt. Prior herbicide application may also induce stress in weeds.
- Rain within 2 hours of application which causes runoff may require retreatment.
 Rainfastness is reduced if weeds are not actively growing under stress or in conditions of low light intensity/darkness.
- Delay treatment of plants wet with dew or rain, if water droplets run-off when plants are disturbed.
- Always add Nufarm Bonus® Adjuvant/Surfactant.
 See Surfactant/Adjuvant Addition.
- Avoid contact with foliage, green stems or fruit of crops, desirable plants and trees, since severe injury or destruction may result.
- This product is a non-volatile, water soluble liquid product with non-selective herbicidal activity.
- This product is absorbed by plant foliage and green stems. It moves through the plant from the point of contact and into the root system.
- Visible effects on annual weeds take 3 7 days, but on perennial weeds may not be obvious for 2 - 3 weeks or even longer and may be delayed by cool or cloudy weather at and following treatment. Visible effects are gradual yellowing and wilting of the plant which advances to complete browning of above ground growth and deterioration of under-ground plant parts.
- This product will control emerged weeds only and is inactivated immediately in the soil and does not provide residual weed control.
- Apply treatments to weeds which have at least one true leaf (broadleaf weeds) or two leaves (grasses) to provide an adequate surface area for herbicide uptake.

CROP ESTABLISHMENT

This product is recommended for control of emerged weeds prior to crop establishment. Suitable cultivation and/or sowing operations are required to provide seedbed conditions satisfactory for crop germination and development. Spraying early to control young weeds will favour preparation of suitable seedbeds. On friable soils and where there is only light cover of young weeds, sowing may proceed satisfactorily from one day after spraying. In situations of heavy weed growth sowing should be delayed until weed decay and soil conditions allow formation of a satisfactory seedbed.

Incorporation of green or decaying vegetation and roots into the seedbed by cultivation or sowing may cause retarded crop emergence, particularly in cold and/or wet conditions. Vegetation may be reduced by grazing, and weed decay may be assisted by cultivation to leave trash on the surface. In marginal seedbed conditions take care to achieve correct seeding depth, and avoid use of pre-emergence herbicides where label directions advise risk of retarded crop emergence.

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MIXING INSTRUCTIONS

This product mixes readily with water.

- 1. Fill the spray tank 1/2 full with clean water and start agitation.
- 2. Add Nufarm Bonus Adjuvant/Surfactant.
- Add Credit and the remaining water. Mix thoroughly.
- 4. Always maintain adequate agitation during application and use promptly.

NOTE: Reduced results may occur if water containing soil is used, e.g. water from ponds and unlined ditches, or if hard water containing calcium salts is used.

Hard Water: Credit plus Bonus can be used with hard water at levels below 1000ppm. This combination will minimise the antagonism experienced when hard water containing calcium ions is used with glyphosate. (Note: Always add Bonus to the spray mix before Credit)

Ensure the spray tank is free of any residue of previous spray materials. Placing the filling hose below the surface of the spray solution will prevent excessive foaming. Removing hose from tank immediately after filling will prevent back siphoning into water source. Do not use mechanical agitators as these may cause excessive foaming.

Use spray solutions promptly and certainly within 5 days since a gradual loss of activity will occur. Spray solutions of this product should be mixed, stored and applied only in stainless steel, aluminium, brass, copper, fibreglass, plastic or plastic-lined containers. Do not mix, store or apply this product or spray solutions of this product in galvanized steel or unlined steel (except stainless steel) containers or spray tanks. This product, or spray solutions of this product react with such containers and tanks to produce hydrogen gas which may form a highly combustible gas mixture that can flash or explode if ignited by flame, spark, welder's torch, lighted cigarette or other ignition source. Do not mix with other surfactants, agricultural chemicals, herbicide oils, or any other material except as directed on the label. Spray tanks, pumps, lines and nozzles should be thoroughly rinsed with clean water following application to prevent corrosion.

SURFACTANT/ADJUVANT ADDITION

Always add Nufarm Bonus Adjuvant/Surfactant at the same volume per ha as Credit (ie. as a 1:1 ratio). For example:

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CREDIT RATE	BONUS RATE	
200mL/ha	200mL/ha	
330mL/ha	330mL/ha	
500mL/ha	500mL/ha	
1L/ha	1L/ha	
1.7L/ha	1.7L/ha	
4.0L/ha	4.0L/ha	
6.0L/ha	6.0L/ha	

TANK MIXTURES

This product may be tank mixed with the following herbicides, insecticides and additives, where recommended in the Directions For Use tables. Read and follow all label directions, restraints, plant back periods, withholding periods, regional use restrictions and safety directions for the tank mix products.

INSTRUCTIONS FOR THE MIXING OF ADDITIONAL PRODUCTS

- Fill the spray tank 1/2 full with clean water and start agitation.
- 2. Add Nufarm Bonus Adjuvant/Surfactant.
- 3. Add the additional products to the spray tank. Mix thoroughly.
- 4. Add Credit and the remaining water. Mix thoroughly.
- Always maintain adequate agitation during application and use the tank mix promptly.

TANK MIXTURES - INSECTICIDES

This product is compatible with the following insecticides: Chlorpyrifos, Dimethoate, Fenitrothion, Imidan+, Le Mat+/Comrad, Lorsban+, Metasystox+, Perfekthion, Rogor, Sumithion+, Folithion 1000 and emulsifable concentrates of dimethoate and fenitrothion. Other insecticides have not been tested.

TANK MIXTURES - HERBICIDES Atrazine flowable

Credit may be tank mixed with atrazine (Nu-trazine - flowable and granular formulations) for knockdown and residual weed control. DO NOT use this tank mix on BARNYARD GRASS. DO NOT apply the tank mix by air.

Triflur 480

Credit may be tank-mixed with Nufarm Triflur 480.

2,4-D Ester

Credit and 2,4-D Ester (Estercide®) may be tank mixed for improved control of certain broadleaf weeds. Observe any regional use restrictions.

Kamba® 500 (Dicamba)

Credit and dicamba may be tank mixed for improved control of Sub-clover, Medics and White Clover.

Glean+/ Lusta™

Credit and Glean/Lusta™ tank mix will provide knockdown and residual weed control in fallow or in crop. Observe plant back periods for Glean/Siege.

Ally+/Associate®

Credit may be tank mixed with Ally/Associate to provide knockdown weed control in fallows and prior to planting certain winter cereals. Observe Crop Safety, Spray Preparation & Crop Rotation Recommendations on Ally/Associate label.

Goal CT

The addition of Goal CT, 75mL/ha, to recommended rates of Credit prior to planting wheat or barley will improve knockdown and increase the speed at which treated weeds develop visible symptoms of phytotoxicity.

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Simazine

Credit may be tank mixed with Simazine (flowable and granular formulations) for knockdown and residual, annual weed control prior to sowing lupins.

Credit can also be mixed with LVE MCPA, Lontrel/Archer™, Nufarm Diuron DF, Logran/Nugran, Amitrole T, Surpass® 300.

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 [™] Trademark Pending
- + Other registered trademarks

APPLICATION INFORMATION

This product is a non-selective translocated herbicide. Direct spray contact, or even slight drift, may cause severe injury or destruction of any growing crop or other desirable plants including trees. Clean all equipment after use by thoroughly washing with water.

Wiper Equipment

Wiper equipment (eg. ropewick, canvas, felt or carpet applicators) may be used to apply this product on to weeds growing in oilseed crops, sugarcane, cotton, seed and pod vegetables and tree and vine crops specified in this label, and in pasture and non-crop areas. Avoid contact with desirable vegetation. Operate wiper equipment a minimum of 10 cm above the crop or pasture. Weeds should be at least 15 cm above the crop or pasture at time of application. Speed of travel should be no greater than 8 km/h. Best results are achieved at lower speeds and where two applicators are made in opposite directions (double pass). Where weeds are of variable height, or occur in dense infestations or clumps, some plants may not be contacted by the herbicide solution. In these cases repeat treatment may be necessary. Mix only enough herbicide solution for immediate requirements. Do not store mixed solution for more than a few days. Flush out equipment with water after

Rate: Mix 1 Litre of this product with 3.5 Litres clean water to prepare 33% solution. This product may be used according to the above directions for suppression or control of many annual and perennial weeds. See Weeds Controlled tables for specific use recommendations.

Controlled Droplet Application Equipment (CDA):

Use the following table as a guide for achieving correct application rates using the micron 'Herbi or similar equipment. For hand held equipment a walking speed of approximately 1m/sec. (4km/h) is recommended.

Rate of Credit delivered at 1m/sec	1.4L/ha	2L/ha
Mixture (by volume) Credit: Bonus: water	1.4: 1.4: 2	2: 2: 1
Micron Herbi nozzle	blue	blue

Trade Mark of Micron Sprayers Ltd, U.K.

Do not add oils to Credit/Bonus/water mixture, otherwise difficulty in application and reduced weed control may occur.

CAUTION: CDA equipment produces a fine spray pattern which is not easily visible. Ensure that the spray pattern or drift dos not contact foliage or any other green tissue of desirable plants, since severe injury or destruction may result.

Boom equipment

Application of this product in low spray volumes (25 - 100L/ha) is recommended. Fan nozzle equipment is recommended, using pressures in the range 240 - 280 kPa. Boom height must be set to ensure double overlap of nozzle patterns at the top of the weed canopy.

Aerial equipment

Aerial equipment may be used to apply this product only in pasture or fallow situations prior to establishment of field crops, fodder crops, or new pasture, and for preharvest application to sorghum crops. DO NOT use in intensive horticultural cropping areas. Use recommended rates of this product specified in this label up to a maximum limit of 2.7L/ha. For Micronair and boom equipment, apply in a minimum spray volume of at least 20L/ha. Droplets with an average size of (or VMD of) 250 - 350 micron diameter are recommended. Swath width should be 15 - 17m. Thoroughly wash aircraft, especially landing gear, after each day of spraying to remove herbicide residues

Application on hilly terrain

As spraying height may vary, to maximise target contact increase water volume to 30 - 80L/ha and increase droplet size to at least 300 micron VMD.

Application under summer (hot) conditions

High temperature and/or low relative humidity cause excessive evaporation of spray droplets which may reduce results. When temperature reaches 25°C, increase water volume to at least 30L/ha, and increase droplet size to at least 300 micron VMD. DO NOT apply this product by aircraft when temperature is above 30°C.

Avoid Drift: DO NOT use when breeze is blowing toward nearby desirable plants. DO NOT use with spraying equipment under meteorological conditions conducive to drift. Equipment settings which produce fine droplets (150 microns or less), winds over 8km/h, inversion conditions, still air and hot dry days all contribute to drift.

EQUIPMENT MAINTENANCE AND USAGE

Date: 19.06.09

Spray solutions of this product should be mixed, stored and applied only in stainless steel, aluminium, brass, copper, fibreglass or plastic or plastic-lined containers. This product or spray solutions of this product, react with galvanised steel or unlined steel (except stainless steel) containers and tanks, to produce hydrogen gas which may form a highly combustible gas mixture.

This gas mixture can flash or explode if ignited by open flame, spark, welder's torch or other ignition source. Spray tanks, pumps. lines and nozzles should be thoroughly rinsed with clean water following application to prevent extensive corrosion.

Thoroughly wash aircraft, especially landing gear, after each day of spraying to remove herbicide residues.

RESISTANT WEEDS WARNING

Nufarm Credit Broadhectare Herbicide ("Credit") is a member of the Glycines group of herbicides. Credit has the inhibitors of EPSP synthase mode of action. For weed resistance management Credit is a Group M herbicide. Some naturally-occurring weed biotypes resistant to Credit and other Group M 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 Credit or other Group M 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 Credit to control resistant weeds.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

Avoid contact with foliage, green stems or fruit of crops, desirable plants and trees, since severe injury or destruction may result.

Drift Warning: DO NOT apply under meteorological conditions or from spraying equipment which could be expected to cause spray to drift onto nearby susceptible plants, adjacent crops, crop lands or pastures.

PROTECTION OF WILDLIFE, FISH, CRUSTACEA AND ENVIRONMENT

DO NOT contaminate dams, rivers or streams with the product or used container. When controlling weeds near water, refer to label directions to minimise the entry of spray into the water.

STORAGE AND DISPOSAL

Store in the closed, original container in a dry, cool, well-ventilated area away from children, animals, food, feedstuffs, seed and fertilisers. 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 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.

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

Envirodrum 110L Mini Bulk Returnable Container

Store the original sealed Envirodrum in a cool, well ventilated area. Do not store for prolonged periods in direct sunlight. Do not tamper with the Micro Matic valve or the security seal. Do not contaminate the Envirodrum with water or any other foreign matter. After each use of the product, please ensure that the Micro Matic coupler, delivery system and hoses are disconnected, triple rinsed with clean water and drained accordingly. When the contents of the Envirodrum have been used, please return the empty Envirodrum to the point of purchase. The Envirodrum remains the property of Nufarm Australia Limited.

SAFETY DIRECTIONS

Product will irritate the eyes and skin. Avoid contact with eyes and skin. When preparing product for use wear elbow-length PVC gloves and face shield or goggles. When using controlled droplet applicator wear protective waterproof clothing, and impervious footwear. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash gloves, face shield or goggles and contaminated clothing.

FIRST AID

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

MATERIAL SAFETY DATA SHEET.

For further information refer to the Material Safety Data Sheet (MSDS).

CONDITIONS OF SALE

"Any provisions or rights under the Trade Practices Act 1974 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."

NRA Approval No.: 52430/1002

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