



CAUTION

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

Nufarm
Comet[®] 400
Herbicide

ACTIVE CONSTITUENT: 400 g/L FLUROXYPYR present as the methylheptyl ester

SOLVENTS: 316 g/L LIQUID HYDROCARBON

100 g/L N-METHYL PYRROLIDONE

GROUP **I** HERBICIDE

For the control of a wide range of Broadleaf Weeds in Fallow, Lucerne, Maize, Millets, Pastures, Poppies, Sorghum, Sugar Cane, Sweetcorn, Winter Cereals. Also for the control of Woody Weeds in Agricultural Non-Crop Areas, Commercial and Industrial Areas, Forests, Pastures and Rights-of-way, as specified in the Directions for Use.

IMPORTANT: READ THE ATTACHED BOOKLET BEFORE USING THIS PRODUCT

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nufarm.com.au

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Contents: 1 Litre
Contents: 5 Litres
Contents: 10 Litres
Contents: 20 Litres
Contents: 60 Litres
Contents: 110 Litres
Contents: 200 Litres
Contents: 500 Litres
Contents: 1000 Litres

APVMA Approval No.: 61667/1L/0510
APVMA Approval No.: 61667/5L/0510
APVMA Approval No.: 61667/10L/0510
APVMA Approval No.: 61667/20L/0510
APVMA Approval No.: 61667/60L/0510
APVMA Approval No.: 61667/110L/0510
APVMA Approval No.: 61667/200L/0510
APVMA Approval No.: 61667/500L/0510
APVMA Approval No.: 61667/1000L/0510

STORAGE AND DISPOSAL

1L, 5L, 10L, 20L, 200L

Store in the closed, original container in a cool, well ventilated area. DO NOT store for prolonged periods in direct sunlight. Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush or puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 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 500L, 1000L

Store in the closed, original container in a cool, well ventilated area. 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 60L, 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 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.

SMALL SPILL MANAGEMENT

Wear protective equipment (See SAFETY DIRECTIONS). Apply absorbent material such as earth, sand, clay granules or cat litter to the spill. Sweep up material for disposal when absorption is completed and contain in a refuse vessel for disposal (See STORAGE AND DISPOSAL section). If necessary, wash the spill area with an alkali detergent and water and absorb as above the wash liquid for disposal.

SAFETY DIRECTIONS

Avoid contact with eyes and skin. When opening the container, preparing the spray and using the prepared spray, wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow-length PVC gloves, a face shield or goggles. Wash hands after use. 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 Australia 13 11 26. If swallowed, DO NOT induce vomiting. Give a glass of water. If in eyes wash out immediately with water.

MATERIAL SAFETY DATA SHEET

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

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

CONDITIONS OF SALE

"Any provisions or rights under the 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."

BN / DOM / Barcode / DrumMuster / Envirodrum



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APVMA Approval No.: 61667/0510

DIRECTIONS FOR USE

RESTRAINTS

DO NOT apply to plants which may be stressed (not actively growing) due to prolonged periods of extreme cold, moisture stress (waterlogged or drought affected), poor nutrition, presence of disease, or previous herbicide treatment as reduced levels of control may result. Thorough coverage of both foliage and stems, to the point of runoff, is essential for high volume applications (see GENERAL INSTRUCTIONS; application methods WOODY WEED SITUATIONS section).

DO NOT spray if rain is likely within one hour.

Table 1 Woody Weeds in Agricultural Non-Crop Areas and Rights-of-way, Commercial and Industrial Areas, Forests and Pastures

Table 2 Established Grass Pastures (Ground and Aerial)

Table 3 Sorghum, Maize, Millets and Sweet corn

Table 4 Winter Cereals (Wheat, Barley, Oats and Triticale)

Table 5 Summer Fallow

Table 6 Winter Fallow

Table 7 Sugar cane

Table 8 Lucerne (established only)

Table 9 Poppies

Table 1: Woody Weeds in Agricultural non-crop areas and Rights-of-way, Commercial and Industrial areas, Forests and Pastures

Legumes present at the time of spraying will be severely damaged.

HIGH VOLUME APPLICATION: Dilute product with water

See General Instructions - Application Method for application details

WEEDS CONTROLLED	WEED GROWTH STAGE	STATE	RATE in water	CRITICAL COMMENTS
Bathurst burr	Seedlings and young plants up to 40cm high	NSW, NT, Qld, WA only	38mL/100L	
Noogoora burr				
Black bindweed (Climbing buckwheat)	Seedlings and young plants before flowering	NSW, Qld only	150mL/100L	Add Bonza® Spray Adjuvant (see GENERAL INSTRUCTIONS; oils and surfactants)
<i>Mimosa pigra</i>	Apply from mid to late summer	NT, WA only	250mL/100L	
Common sensitive plant	Seedlings and young plants up to flowering	Qld, WA only		
Bellyache bush		Qld, NSW, WA only		
Blackberry nightshade		NSW, Qld only		
Bokhara clover				
Caltrop (yellow vine) (<i>Tribulus terrestris</i>) (<i>T. micrococcus</i>)	Seedlings and young plants up to 30cm diameter.	NSW, Qld only	250mL/100L	
Cobblers pegs	Up to 15cm high			
Cockspur thorn	Up to 3m high			
Creeping lantana	At flowering			
Crofton weed Mistflower	Seedlings and young plants up to flowering			

HIGH VOLUME APPLICATION: Dilute product with water See General Instructions - Application Method for application details						
WEEDS CONTROLLED	WEED GROWTH STAGE	STATE	RATE in water	CRITICAL COMMENTS		
Docks (<i>Rumex</i> spp.)	Seedlings and rosettes up to 30cm high	NSW, Qld only	250mL/100L	Boom spray: Comet 400 at 300mL + 400mL of Amicide® 625		
Hexham scent	Seedlings and young plants up to flowering					
Honey locust	Seedlings and young plants up to 2m high					
Small flowered mallow (Marshmallow) (<i>Malva parviflora</i>)	Seedlings and young plants up to flowering					
Yellowflower Devil's claw	Seedlings and young plants up to flowering					
Lantana	Seedlings and regrowth 0.5 to 1.2m high				500mL/100L	Apply to actively growing plants from October to April. Some regrowth may occur particularly when treating old woody plants with sparse canopies.
	Plants and regrowth 1.2 to 2m high					
Blue heliotrope	Flowering					
Limebush	Infestations up to 1.5m high only					
Madeira vine	Apply at time of active growth				250mL/100L	
Milkweed (<i>Euphorbia heterophylla</i>)	3 leaf to flowering	Qld only	500mL/100L	Repeat applications will be necessary to control subsequent germinations.		
Common sow thistle	Seedlings and young plants up to bolting	NSW, Qld only	250mL/100L	Add Chemwet 1000 (See GENERAL INSTRUCTIONS; Oils and surfactants).		
Mother-of-millions (<i>Kalanchoe</i> spp.)	Seedling and young plants before flowering		300mL/100L			
Prickly acacia	Seedlings and young plants up to 2m high	Qld only	375mL/100L	Add Bonza® Srpay Adjuvant (see GENERAL INSTRUCTIONS; Oils and surfactants). Consult Tropical Weeds Research Centre, Charters Towers, for specific advice on application.		
<i>Sida</i> spp.	Seedlings and young plants up to flowering	NSW, NT, Qld, WA only	500mL/100L			
Broadleaf Pepper tree (<i>Schinusterebinthifolius</i>)	Mature leaves, fruiting	Qld only	250mL/100L	Winter application only. Contact Alan Fletcher Research Station for more information.		
Flannel weed (<i>Sida cordifolia</i>)						
Snakeweed, (Dark and lightblue)	Seedlings and young plants before flowering		375mL/100L	Add Bonza® Spray Adjuvant (See GENERAL INSTRUCTIONS; Oils and surfactants).		
Stinking Passion Flower	Established plants and regrowth	Qld, NT, WA only	225mL/100L	Use 70mL/15L for a knapsack.		
Wandering jew (<i>Tradescantia albiflora</i>)	Young plants up to and including flowering	All States	750mL/100L	Some regrowth will usually occur and will require retreatment.		
Wattles (including <i>Acacia aulacocarpa</i> <i>A. Decora</i> <i>A. harpophylla</i> <i>A. Leiocalyx</i> <i>A. salicina</i>)	Seedling plants or regrowth 0.5 to 1.2m high	NSW, Qld only	250mL/100L	Apply to actively growing plants when soil moisture is plentiful. Some regrowth may occur particularly when treating old woody plants with sparse canopies and under dry conditions.		
	Plants or regrowth 1.2 to 2.0m high only		500mL/100L			

BASAL BARK AND CUT STUMP APPLICATION: Dilute product with diesel See General Instructions - Application Method for application details				
WEEDS CONTROLLED	WEED GROWTH STAGE	STATE	RATE in diesel	CRITICAL COMMENTS
<i>Celtis</i> (<i>Celtis sinensis</i>)	Basal Bark only: Young plants up to 2m high and 20cm basal diameter	Qld only	1.8L/100L	Treat stems from ground level to where multi-stemmed trunks branch.
Chinee apple	Up to 15cm basal diameter		1.5L/100L	
Cockspur thorn	Basal Bark only: Up to 5cm basal diameter		1L/100L	With basal bark, treat circumference of stem to height of 45cm from the ground. Contact The Land Protection Branch, Department of Natural Resources and Mines, Qld for further information on Chinee Apple.
Mimosa bush (<i>Acaciafarnesiana</i>)	Up to 5cm basal diameter	Qld, WA only	1.5L/100L	
Prickly acacia	Up to 10cm basal diameter	Qld only	750mL/100L	
Honey locust	Plants up to 10cm basal diameter	Qld, NSW only	750mL/100L	With basal bark, treat circumference of stem to height of 45cm from the ground. For cut stump application use a rate of 5L/100 diesel for all plant sizes. Contact The Land Protection Branch, Department of Natural Resources and Mines, Qld for further information on Honey Locust.
	Plants 10 to 20cm basal diameter		1.5L/100L	
	Plants >20cm basal diameter		2.5L/100L	
Sisal hemp (<i>Agave</i> spp.)	All growth stages	Qld only	1.5L/100L	Treat as an overall spray. Contact The Land Protection Branch, Department of Natural Resources and Mines, Qld for advice to control large infestations.
			5mL undiluted product per plant	Lever out centre of plant with crowbar and immediately treat the exposed cut area.

BROADCAST AND AERIAL, APPLICATION: Dilute product with water See General Instructions - Application Method for application details				
WEEDS CONTROLLED	WEED GROWTH STAGE	STATE	RATE	CRITICAL COMMENTS
Mimosa pigra	Actively growing plants	NT, WA only	1.5L/ha	Aerial application: Add Bonza® Spray Adjuvant at the rate of 1L/100L spray mix. Apply to actively growing plants from mid to late summer. Contact The Department of Primary Industries and Fisheries, NT for further information.
LOW VOLUME, HIGH CONCENTRATE APPLICATION: Using a drench gun or gas-powered gun See General Instructions - Application Method for application details				
WEEDS CONTROLLED	WEED GROWTH STAGE	STATE	RATE in water	CRITICAL COMMENTS
Lime bush	Isolated bushes up to 1.2m high only	NSW, Qld only	500mL/10L	Apply a 50mL dose per 5m ² of bush surface area.
Tree violet (<i>Hymenanthera dentata</i>)	Apply from late flowering to green fruit up to 1.2m high	NSW only		Apply a 50mL dose per cubic metre of bush.

Table 2: Established Grass Pastures

WEEDS CONTROLLED	WEED GROWTH STAGE	STATE	RATE	CRITICAL COMMENTS
Blue billygoat weed Common sensitive plant Giant sensitive plant Spiny head sida	Apply before flowering	Qld, WA only	750mL/ha	Add Bonza® Spray Adjuvant at 1L/ha
St John's wort	Apply from bud to full bloom (usually late Nov to early Jan)	ACT, NSW and Vic only	1.5L/ha	Some regrowth will occur. Treat regrowth the following season for best results. Use at least 200L water/ha.
Silverleaf nightshade	From onset of flowering to early berry-set. (usually spring to mid-summer)	NSW only	375mL or 190mL/ha +1.2-1.6L/ha Amicide® 625	Add Bonza® Spray Adjuvant at 1L/ha. To ensure maximum effect, delay application until the majority of shoots have emerged. Follow-up treatment of regrowth is critical for best control.

Table 3: Sorghum, Maize, Millets and Sweet Corn (NSW and QLD only)

CROP	CROP GROWTH STAGE	WEEDS CONTROLLED	WEED GROWTH STAGE	RATE	CRITICAL COMMENTS	
Sorghum	Apply when secondary roots are present, from 4 fully expanded leaves (15cm tall) up to boot (also see CRITICAL COMMENTS)	Annual ground cherry Wild gooseberry (<i>Physalis</i> spp.)	2-8 leaf. Up to 15cm tall	250mL/ha	Sorghum: From 8 leaf to boot stage, use dropper nozzles to prevent herbicide coming in contact with the crop's leaves and the growing point (meristem).	
		Apple-of-Peru	Seedling plants up to 15cm tall	375mL/ha		
		Bathurst burr Noogoora burr	2-8 leaf. Up to 20cm tall	250mL/ha		
Maize and Sweet corn	Apply when secondary roots are present, from 3 fully expanded leaves (10cm tall) up to just before tasselling (See CRITICAL COMMENTS)		20-50cm tall	375mL/ha		
		Pigweed (<i>Portulaca oleracea</i>)	Up to 10cm diameter	250mL/ha		
			10-30cm diameter	375mL/ha		
Millets	Spray when secondary roots have developed, usually early to mid-tillering, and not later than before heads start to form at the base of tillers. (See CRITICAL COMMENTS)	Sesbania pea	2-6 leaf Up to 10cm tall	750mL/ha	Maize and sweet corn: From 6 leaf to just before tasselling, use dropper nozzles to prevent the herbicide coming in contact with the crop's leaves and the growing point (meristem).	
		Silverleaf nightshade (NSW only) ¹ .	Full flower to early berry	375mL/ha + LI 700® at 300mL/100L		
		Starburr (<i>Acanthospermum hispidum</i>) (Qld only)	Up to 12 leaf and before flowering	750mL/ha or 375mL/ha + 1.6L/ha Nu-trazine 600		
		Thornapples (<i>Datura</i> spp.)	2-8 leaf. Up to 15cm tall	375mL/ha		
		Volunteer sunflower	2-5 leaf. Up to 20cm tall	500mL/ha		Millets: DO NOT use mixes with Nu-trazine products. ¹ . This treatment may be slightly damaging to the crop. To minimise crop damage apply using dropper nozzles at all crop stages.
Comet 400 in tank-mixes with Nu-trazine: Sorghum, Maize and Sweet Corn						
Sorghum Maize and Sweet Corn (Cont.)	See above	<i>Amaranthus</i> spp. including: Boggabri weed, Dwarf amaranth, Green amaranth, Redshank Anoda weed, Bladder ketmia, Black pigweed (<i>Trianthema portulacastrum</i>), Caltrop (yellow vine) including: <i>Tribulus terrestris</i> , <i>T. micrococcus</i> and <i>T. maximus</i> Cowvine (peach vine) (<i>Ipomoea lonchophylla</i>), Hairy wandering jew (<i>Commelina benghalensis</i>), Mintweed	Seedling plants up to 15cm tall or rosettes up to 15cm diameter	Low Rate 250mL/ha + 1.25L/ha of Nu-trazine 600 or 675g/ha of Nu-trazine 900DF OR High Rate 375mL/ha plus 1.6L/ha of Nu-trazine 600 or 1.1kg/ha of Nu-trazine 900DF	Use the low rate (250mL + 1.25L) when weeds are small (5-7cm tall/diameter). Use the high rate (375mL + 1.6L) when the weeds are larger (7-15cm tall/diameter). Comet 400 is generally more compatible with Liquid Nu-trazine products (see GENERAL INSTRUCTIONS; compatibility section). Add a surfactant (see GENERAL INSTRUCTIONS; Oils and surfactants). DO NOT add an oil to mixtures of Comet 400 and Nu-trazine 600/Nu-trazine 900DF.	
		<i>Euphorbia davidii</i>	Cotyledons to 4 nodes up to 15cm	500mL/ha + 1.6L/ha of Nu-trazine 600 or 1.1kg/ha of Nu-trazine 900DF		
		Volunteer peanuts	Up to 15cm diameter	500mL/ha + 3.75L/ha of Nu-trazine 600 or 2.5kg/ha of Nu-trazine 900DF		

CROP	CROP GROWTH STAGE	WEEDS CONTROLLED	WEED GROWTH STAGE	RATE	CRITICAL COMMENTS
Sweet Corn: Tasmania only					
Sweet corn only	3 to 5 leaf	Blackberry nightshade Volunteer potatoes	3- 5 leaf	500mL/ha	

Table 4: Winter Cereals (Wheat, Barley, Oats and Triticale)

CROP GROWTH STAGE	WEEDS CONTROLLED	WEED GROWTH STAGE	STATE	RATE	CRITICAL COMMENTS	
Apply from 3 leaf to flag (Z13-39)	Bedstraw (<i>Galium tricornutum</i>)	1 to 3 whorl	Vic, SA, WA only	500mL/ha	² . Add either LI 700® or Activator® Surfactant (see GENERAL INSTRUCTIONS; Oils and Surfactants). Mixtures: Mixing partners with Comet 400 may reduce crop selectivity. Apply at crop growth stages according to the mixing partner's recommendation.	
	Cleavers (<i>Galium aparine</i>)		NSW, Vic only			
	Black bindweed (Climbing buckwheat)	2 to 4 leaf 2 to 6 leaf	NSW, Qld only	250mL/ha ²		Useful suppression only.
	Common sowthistle (<i>Sonchus oleraceus</i>)	2 to 5 leaf		375mL or 250mL/ha + 5g/ha Associate®/ Brushkiller ² .		
	Deadnettle	2 to 6 leaf		500mL/ha		
	Spiny emex (Doublegee, Three cornered jack)	2 to 4 leaf	NSW, SA, Qld, WA only	750mL/ha or 250mL/ha + 5g/ha Associate/ Brushkiller ²		
	Prickly lettuce	2 to 5 leaf	NSW, Qld, Tas, Vic, WA only	500mL/ha		
	Volunteer lupins	2 to 8 leaf	NSW, Vic, WA only	750mL/ha		Plants 15 to 30cm tall will only be suppressed.
	Volunteer potato	10 to 15cm tall	WA and Tas only			
	Wireweed	2 to 3 leaf	NSW, Qld, SA, Tas, Vic, WA only			
			NSW and Qld only	250mL/ha + 5g/ha Associate/ Brushkiller ²		
		Bittercress (<i>Coronopus didymus</i>) Mustards Shepherd's purse Turnip weed Wild radish Wild turnip	Up to 8 leaf and up to 15cm diameter	Qld, NSW, Vic, SA, Tas, WA only		250-750mL/ha + Associate/ Brushkiller ² or Eclipse ² . or Nufarm LVE MCPA or Nufarm Agritone 750

Table 5: Summer Fallow

WEEDS CONTROLLED	WEED GROWTH STAGE	STATE	RATE	CRITICAL COMMENTS
Annual ground cherry Wild gooseberry (<i>Physalis</i> spp.)	2 to 8 leaf, up to 15cm tall	NSW, Qld only	375mL/ha ³	² Add Bonza® Spray Adjuvant (see GENERAL INSTRUCTIONS; Oils and surfactants section)
Bathurst burr Noogoora burr	2 to 8 leaf, up to 20cm tall	NSW, Qld, Vic, WA only		
Bellvine	Pre-flowering	NSW, Qld only	250mL/ha + 1.2L/ha Nufarm Glyphosate CT or Roundup® CT or 1L/ha Credit® plus 1L/ha Bonus® or 1L/ha Roundup PowerMAX®	When mixing with Nufarm Glyphosate CT, Roundup CT, Credit plus Bonus or Roundup PowerMAX to control both grass and broadleaf weeds, refer to the label for use rates and adjuvants recommended for the grasses (see GENERAL INSTRUCTIONS; Compatibility Section). DO NOT add an adjuvant to mixtures containing Credit and Bonus.
Bladder ketmia	4 to 8 leaf, up to 10cm tall			
Cowvine (Peachvine) <i>Ipomoea lonchophylla</i>	2 to 10 leaf up to 10cm diameter	NSW, Qld only	250mL/ha + 1.2L/ha Nufarm Glyphosate CT or Roundup® CT or 1L/ha Credit® plus 1L/ha Bonus® or 1L/ha Roundup PowerMAX®	³ Delay treatment until the maximum number of shoots have emerged, but before the onset of fruiting (late summer) DO NOT treat plants showing symptoms from previous treatment. Use the high rate when longer term weed control (6-10 months) is required and delay planting crops during this period. The low rate will require follow-up treatments.
Caltrop (Yellowvine) including: <i>Tribulus terrestris</i> , <i>T. maximus</i> and <i>T. micrococcus</i>	Up to 15cm diameter			
			250mL/ha + 1L/ha Nufarm Glyphosate CT or Roundup® CT or 830mL/ha Credit® plus 830mL/ha Bonus® or 830mL/ha Roundup PowerMAX®	

WEEDS CONTROLLED	WEED GROWTH STAGE	STATE	RATE	CRITICAL COMMENTS
Pigweed (<i>Portulaca oleracea</i>)	Up to 10cm diameter	NSW, Qld only	375mL/ha ³	² Add Bonza® Spray Adjuvant (see GENERAL INSTRUCTIONS; Oils and surfactants section) When mixing with Nufarm Glyphosate CT, Roundup CT, Credit plus Bonus or Roundup PowerMAX to control both grass and broadleaf weeds, refer to the label for use rates and adjuvants recommended for the grasses (see GENERAL INSTRUCTIONS; Compatibility Section). DO NOT add an adjuvant to mixtures containing Credit and Bonus. ³ Delay treatment until the maximum number of shoots have emerged, but before the onset of fruiting (late summer) DO NOT treat plants showing symptoms from previous treatment. Use the high rate when longer term weed control (6-10 months) is required and delay planting crops during this period. The low rate will require follow-up treatments.
	Up to 60cm diameter		375mL/ha + 1L/ha Nufarm Glyphosate CT or Roundup® CT or 830mL/ha Credit® plus 830mL/ha Bonus® or 830mL/ha Roundup PowerMAX®	
<i>Polymeria pusilla</i>	2 to 10 leaf up to 20cm diameter		500mL ² or 250mL/ha + 1.2L/ha Nufarm Glyphosate CT or Roundup CT or 1L/ha Credit plus 1L/ha Bonus® or 1L/ha Roundup PowerMAX™	
Rhynchosia	Seedlings to early flowering		500mL ² /ha or 190mL/ha+ 800mL/ha Nufarm Glyphosate CT or Roundup® CT or 670mL/ha Credit® plus 670mL/ha Bonus® or 670mL/ha Roundup PowerMAX®	
Small flower mallow or Marshmallow (<i>Malva parviflora</i>)	Up to 8 leaf up to 20cm		500mL ² /ha	
Thornapples (<i>Datura</i> spp.)	2 to 8 leaf up to 15cm diameter	NSW, Qld, WA only	375mL ² /ha or 250mL/ha+ 1.2L/ha Nufarm Glyphosate CT or Roundup® CT or 1L/ha Credit® plus 1L/ha Bonus® or 1L/ha Roundup PowerMAX®	
Sesbania pea	2 to 6 leaf up to 10cm tall	NSW, Qld only	750mL ² or 250mL/ha + 1.2L/ha Nufarm Glyphosate CT or Roundup® CT or 1L/ha Credit® plus 1L/ha Bonus® or 1L/ha Roundup PowerMAX®	
Perennial Ground Cherry (<i>Physalis virginiana</i>).	Bud to early flowering up to 20cm tall	NSW, Qld only	750mL or 1.5L/ha	
Silverleaf nightshade	Full flower to early berry-set (usually Dec - Feb)	NSW only	375mL or 190mL/ha + 1.2L-1.6L/ha Amicide® 625	Add LI 700® at the rate of 300mL/100L spray mixture To ensure maximum effect, delay application until the majority of shoots have emerged. Follow-up treatment will be required to control regrowth and is critical for optimal control. If wanting to prevent seed set repeat applications may be needed in the same season, although this does not lead to better long term control.
Volunteer peanuts	Up to 15cm diameter	Qld only	500mL/ha + 3.75L/ha Nu-trazine 600	Add Chemwet 1000 (see GENERAL INSTRUCTIONS; Oils and surfactants) Important: See GENERAL INSTRUCTIONS; Compatibility section.
Volunteer sunflowers	2 to 5 leaf up to 20cm	NSW, Qld only	500mL/ha	Add LI 700 (see GENERAL INSTRUCTIONS; Oils and surfactants section).

Table 6: Winter Fallow

WEEDS CONTROLLED	WEED GROWTH STAGE	STATE	RATE	CRITICAL COMMENTS
Bedstraw (<i>Galium tricornutum</i>)	Up to 5 whorl	Vic, SA, WA only	500mL ² /ha	² . Add LI 700 (see GENERAL INSTRUCTIONS; Oils and surfactants section) ³ . Add LI 700 or Chemwet 1000 (see GENERAL INSTRUCTIONS; oils and surfactants section)
Cleavers (<i>Galium aparine</i>)		NSW, Vic only		
Black bindweed (Climbing buckwheat)	2-8 leaf up to 10cm diameter	NSW, Qld only	375mL ² /ha	When mixing with Nufarm Glyphosate CT or Roundup CT to control both grass and broadleaf weeds, refer to the label for use rates and adjuvants recommended for the grasses (see GENERAL INSTRUCTIONS; Compatibility Section) DO NOT add an adjuvant to mixtures containing Credit® and Bonus®.
Common sowthistle (<i>Sonchus oleraceus</i>)	2 to 5 leaf up to 10cm diameter		500mL ² /ha or 250mL/ha + 600mL/ha Nufarm Glyphosate CT or Roundup® CT or 500mL/ha Credit® plus 500mL/ha Bonus® or 500mL/ha Roundup PowerMAX®	
Prickly lettuce				
Spiny emex (Doublegee, Three cornered jack)	2 to 8 leaf		750mL ² /ha or 250mL ³ /ha+ 5g/ha Associate/ Brushkiller	
Wireweed	2 to 3 leaf up to 10cm tall	750mL ² /ha or 250mL ³ /ha+ 5g/ha Associate/ Brushkiller or 500mL ³ /ha+ 600mL/ha Nufarm Glyphosate CT or Roundup® CT or 500mL/ha Roundup PowerMAX®		

Table 7: Sugar cane (Qld, NSW, NT and WA only)

CROP GROWTH STAGE	WEED CONTROLLED	WEED GROWTH STAGE	RATE	CRITICAL COMMENTS
From early tillering to maturity	Balsam pear ,Blackberry nightshade, Blue billygoat weed ,Centro, Cowpea Giant sensitive plant, Lablab bean, Noogoora burr, Phasey bean, Pinkburr, Prickly African cucumber, Spinyhead sida, Stinking passion flower (seedlings only)	Apply from 2-3 leaf until flowering	Ground: 650mL/ha	For optimal weed control, delay application until just before the "close-in" stage Aerial application: Apply in not less than 60L/ha water and add LI 700 at 300mL/100L spray mixture. Ground application: Apply in 100-400L/ha water and add LI 700 at 300mL/100L of spray mixture.
	Bellvine, Morning glory, Red or pink convolvulus, Star-of-Bethlehem		Aerial: 750mL/ha	
	Stinking passion flower	Established or ratoon plants with at least 1.0m of regrowth	High volume: 225mL/100L water Knapsack: 35mL/15L water	Thoroughly wet plants to the point of run-off.
	Milkweed (<i>Euphorbia heterophylla</i>)	Seedlings and young plants up to flowering	1.5L/ha or 1.15L/ha + 3.3L/ha Nu-trazine 600	Better control will be achieved with the Nu-trazine mixture. Delay application until just before the cane reaches the "close-in" stage. This will improve control and minimise the number of seedlings that germinate.

Table 8: Lucerne (NSW Only)

CROP GROWTH STAGE	WEED CONTROLLED	WEED GROWTH STAGE	RATE	CRITICAL COMMENTS
Established crops at least eighteen months old	Annual ground cherry, Bathurst burr, Noogoora burr, Wild gooseberry	2 to 8 leaf up to 15cm high	250mL/ha	To minimise crop injury and to maximise weed control, cut, slash or heavily graze the lucerne before application. Wherever possible, irrigate before application to stimulate weed growth. DO NOT treat crops growing on sandy or stony soils. DO NOT treat crops after the summer growing season (after end of March). To broaden the spectrum of weeds controlled, Comet 400 can be mixed with Buttress®.
	Pigweed	Up to 10cm diameter		

Table 9: Poppies (TAS only)

CROP GROWTH STAGE	WEED CONTROLLED	WEED GROWTH STAGE	RATE	CRITICAL COMMENTS
4-6 leaf	Cleavers Fumitory	2 to 6 leaf	500mL/ha	
	Shepherd's purse Wireweed		500mL/ha + 5L Asulox*	
8-10 leaf	Common sowthistle Prickly lettuce	2 to 5 leaf	500mL/ha	DO NOT apply Comet 400 to poppies later than the 8 to 10 leaf growth stage as a reduction of alkaloid content could occur.
	Black nightshade	cotyledon to 4 leaf	750mL/ha	
	Fumitory	6 to 10 leaf		
	Volunteer potato	From tuber initiation to flower bud		This rate will provide season long control of volunteer potato, but will not control all daughter tubers and will only suppress potatoes over 15cm tall.

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

WITHHOLDING PERIODS:

Grazing:

DO NOT GRAZE FAILED CROPS AND TREATED PASTURES OR CUT FOR STOCK FOOD FOR 7DAYS AFTER APPLICATION.

Harvest:

Poppies - DO NOT SPRAY POPPIES LATER THAN 10 WEEKS BEFORE HARVEST

Other Crops - NOT REQUIRED WHEN USED AS DIRECTED

MINIMUM RECRIPPING PERIODS

Plant-back periods for crops following the application of Comet 400 for rates up to 750mL/ha.

RATE /HA	190mL	375mL	750mL
CROP	DAYS		
Barley	7	7	7
Wheat	7	7	7
Chickpea	7	7	7
Cotton	14	14	28
Soybean	7	7	14
Sunflower	7	7	7
Maize	7	7	7
Sorghum	7	7	7

Note: Before using Comet 400 in tank mixes with other herbicides, check the plant-back information on all product labels. The time between spraying and planting will be determined by the most residual product, ie. the product with the longest plant-back period.

GENERAL INSTRUCTIONS

MIXING

Comet 400 may be mixed with water or diesel. Mix only sufficient chemical for each days use and avoid storing.

Mixing in Water: Half fill the spray tank with water and add the required quantity of Comet 400 and complete filling. Agitate continuously to ensure thorough mixing before and during application.

Mixing in Diesel: Half fill the spray tank with diesel and add the required quantity of Comet 400. Add the remainder of the diesel and agitate or shake to mix contents.

Tank mixtures: Wettable powder or dry Flowable formulations (eg water dispersible granules) should be added to the spray tank first, followed by suspension concentrates (Flowables), emulsifiable concentrate formulations (Comet 400) and then water soluble liquids (Agritone 750). Add spraying oils and surfactants (wettters) last.

OILS AND SURFACTANTS

Oils:

Where specified use Bonza® Spray Adjuvant at the rate of 500mL/100L of spray mix. When using less than 100L/ha spray volume, ensure a minimum of 250mL/ha of Bonza® Spray Adjuvant is used, unless 1L/100L or 1L/ha is specified.

Surfactants (wettters):

LI 700 to be used at 300mL/100L. Nufarm Activator to be used at 125mL/100L. Use a 100% concentrate non-ionic surfactant such as Chemwet 1000 at 100mL/100L of spray mix where required.

COMPATIBILITY

Comet 400 is compatible with the herbicides listed. Follow any regional restrictions, and all directions and restrictions on the label, of any product mixed with Comet 400.

Nu-trazine 900DF, Nu-trazine 600, Associate®/Brushkiller®, Broadstrike*, Eclipse*, Nugrass®, Invader®600, Archer®, Agritone® 750, Nufarm Glyphosate CT, Topik* 240 EC (see below), Tordon* 75D, Trooper *, Touchdown*, Amicide® 625, Buttress®, Credit®, Bonus®, Nufarm LVE MCPA Roundup® CT, Roundup PowerMAX®

NU-TRAZINE

AVOID USING HARD WATER WHEREVER POSSIBLE. Where hard water cannot be avoided, the addition of a water conditioning agent to the spray tank, at 100g/100L water, before adding any herbicide may improve compatibility.

AGITATION IS VERY IMPORTANT WHEN MIXING COMET400 AND NU-TRAZINE.

Comet 400 plus Nu-trazine tank mixes **must be agitated vigorously and continuously during mixing and application. After mixing DO NOT allow to stand without agitation. Ensure that the time from mixing to the end of application is not more than 2 hours.**

If settling out occurs re-suspension is difficult, even with vigorous agitation. Agitation using only the pump's by-pass is usually inadequate, particularly with larger tanks (more than 2000L). Additional mechanical agitation will be necessary in large tanks, computer sprayers and mixing tanks. When additional surfactant is required, add Chemwet 1000 at 100mL/100L of spray mix. DO NOT use a spraying oil when tank mixing Comet 400 and Nu-trazine.

Guidelines for tank-mixing Comet 400 and Nu-trazine formulations:

TANK MIX	RATE/ha	Water Hardness		Min. Water Volume (L/ha)		Comments
		Soft	Hard (1026 ppm ca)	Ground	Aerial	
Comet 400+ Nu-trazine 900 DF	375mL+ 1.1	✓	✓	100	Do not use	Sediment may be difficult to resuspend and may block nozzles
Comet 400+ Nu-trazine 600	375mL+ 1.6	✓	✓	100	Do not use	Sediment may be difficult to resuspend and may block nozzles

TOPIK 240 EC

Always use Bonza with Comet 400 + Topik 240 EC tank-mixes at 500mL/100L of spray mix with a minimum of 250mL/ha. DO NOT mix Comet 400 with Topik 240 EC if the grass weeds are not actively growing. Always use the maximum label rate of Topik 240 EC for the appropriate grass growth stage. DO NOT use Comet 400 at more than 0.75L/ha in tank mixes with Topik 240 EC.

NUFARM GLYPHOSATE CT/ROUNDUP CT/CREDIT PLUS BONUS/ROUNDUP POWERMAX

When mixing Comet 400 with one of these products to control both grass and broadleaf weeds, refer to that label for use rate and adjuvants recommended for grasses. DO NOT use Nufarm Glyphosate CT or Roundup CT at less than 1.2L/ha in tank mixes with Comet 400 or Credit plus Bonus at less than 1L/ha of each or Roundup PowerMAX at less than 1L/ha, when barnyard grass, button grass, crowsfoot grass, native millet and liver seed grass are the target species.

APPLICATION METHODS and WATER RATES

BROADCAST APPLICATION IN CROPPING, PASTURE AND FALLOW SITUATIONS.

A. Ground application (Boom)

Apply Comet 400 with an accurately calibrated boom sprayer, in at least 50L/ha water (100-400L/ha for sugar cane).

Flat fan nozzles are recommended using pressures in the range 200 to 300 kPa. Set the boom at a height to ensure a double overlap of the nozzle patterns.

B. Ground direct application (Dropper nozzles)

To minimise crop effects, dropper nozzles should be used in sorghum when the crop is beyond the 8 leaf growth stage and in maize and sweet corn when the crop is beyond the 6 leaf growth stage. Adjust the nozzles to direct the spray into the base of the crop and away from the leaves and the growing point. See manufacturer's directions for setting up and calibration of dropper nozzles.

C. Aerial Application

Apply in a minimum volume of at least 35L/ha water (60L/ha in sugar cane). Use equipment calibrated to produce droplets with an average diameter (Volume Mean Diameter: VMD) of 250-350 microns. DO NOT apply when the temperature is above 30°C, when there is no wind or when the wind is blowing toward susceptible crops. DO NOT use human flaggers unless they are protected by engineering controls such as enclosed cabs.

WOODY WEED SITUATIONS

Weeds must be actively growing to attain optimal effect. Delay the treatment of regrowth following bulldozing, slashing, burning, ploughing or a previous chemical treatment until it has at least 1 metre of new, vigorous growth.

A. High Volume Application Hand Gun

Apply the recommended mix to obtain full coverage of leaves and stems using a number 6-8 tip at 700 to 1500kPa. To obtain good coverage, a spray volume of 1500 to 4000L/ha (15 to 40L/100m²) is required per infested hectare. Ensure thorough coverage to the point of runoff.

Knapsack

Knapsack sprayers may be used on smaller infestations where penetration and coverage of the canopy is easier to achieve. Use the same use rate and spray techniques as for handgun application.

B. Low Volume, High Concentrate Application Drench Gun or Grass-Powered Gun.

Apply the recommended mixture uniformly across the foliage by applying 50mL shots to cover 4 to 5m² of surface area of plant. This is approximately equivalent to 20 droplets per cm² of the leaf surface. Use a marking agent as recommended by the equipment manufacturer to check spray coverage.

C. Basal Bark and Cut Stump Application Basal Bark

DO NOT apply to wet stems as this can repel the diesel mixture. Spray or paint the recommended mixture around the base of each stem from ground level to a height of at least 30cm from the ground, wetting the bark to the point of runoff. Apply with a paint brush or a pressure sprayer with an appropriate lance and solid cone nozzle. If using spray equipment use low pressures (≤200 kPa) sufficient to form a cone of spray. Old rough bark will require more spray than smooth or young thin bark.

Cut Stump

Apply the recommended mixture liberally to the freshly cut stump immediately after cutting. Apply by spraying or painting the cut surface and sides of the stump. Best results are obtained when the stems are cut less than 15cm above the ground.

CLEANING SPRAY EQUIPMENT

Rinse water should be discharged onto a designated disposal area or, if this is unavailable, onto wasteland away from desirable plants and water courses.

Cleaning equipment after using water-based sprays:

Rinsing: After using Comet 400 Herbicide, empty the tank completely and drain the whole system. Thoroughly wash inside the spray unit using a pressure hose. Drain, and clean any filters in the tank, pump, lines, hoses and nozzles. After cleaning the tank as above, quarter fill with clean water and circulate through the pump, lines and nozzles. Drain and repeat the rinsing procedure twice.

Decontamination (before spraying cotton and other sensitive crops; see PROTECTION OF CROPS): Wash the tank and rinse the system as above. Then quarter fill the tank and add an alkali detergent such as Tank and Equipment Cleaner at 500mL/100L of water and circulate throughout the system for at least 15 minutes. Drain the whole system. Remove filters and nozzles and clean them separately. Finally flush the system with clean water and allow to drain.

Cleaning equipment after using diesel-based sprays:

On completion of spraying, use a degreaser such as Caltex Kwik-D-Grease* to remove traces of diesel from the sprayer. Rinse tank and spray through nozzles with water to remove degrease. Then, quarter fill the tank with clean water and add an alkali detergent such as Nufarm Tank and Equipment Cleaner at 50mL/10L of water. Shake sprayer to circulate the washing solution throughout the sprayer, then spray the solution through the nozzles. Rinse well with clean water to remove the detergent. To clean brushes and containers, spray liberally with degreaser. Hose off with clean water and repeat using detergents as above. DO NOT use this equipment for any other purpose.

HERBICIDE RESISTANCE WARNING

GROUP	I	HERBICIDE
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Comet 400 Herbicide is a member of the pyridine group of herbicides. Comet 400 has a disrupters of plant cell growth mode of action. For weed resistance management Comet 400 is a Group I Herbicide. Some naturally occurring weed biotypes resistant to Comet 400 and other Group I herbicides may exist through normal genetic variability in any weed population. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds will not be controlled by Comet 400 or other Group I 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 this product to control resistant weeds. Strategies to minimise the risk of herbicide resistance are available. Contact your farm chemical supplier, consultant, local Department or Agriculture, or Nufarm Australia Limited representative.

PROTECTION OF CROPS, NATIVE AND OTHERNON-TARGET PLANTS.

Susceptible crops include but are not limited to clovers, cotton, fruit, hops, lupins, ornamentals, peas, pine trees, potatoes, navy beans, safflower, shade trees, soybeans, sunflower, tobacco, tomatoes, vegetables, and vines. Comet 400 can be damaging to susceptible crops during growing and dormant periods. Grasses are normally unaffected by Comet 400 and establish quickly after treatment. Transitory damage can occur on some species particularly those that spread by stolons such as couch grass (*Cynodon dactylon*), Kikuyu grass and carpet grass (*Axonopus* sp.). DO NOT allow spray to drift onto susceptible crops, shade trees and *Pinus* spp. DO NOT use under weather conditions or from spraying equipment which could be expected to cause spray to drift onto nearby susceptible plants.

PROTECTION OF LIVESTOCK

DO NOT graze or cut treated crops for stock food except as specified under withholding periods. Poisonous plants may become more palatable after spraying.

DO NOT allow stock to re-enter paddocks containing treated poisonous plants, until the plants have died down.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT contaminate streams, rivers or waterways with the chemical or used containers. Alongside waterways, treat only noxious weeds and poisonous plants.

STORAGE AND DISPOSAL**1L, 5L, 10L, 20L, 200L**

Store in the closed, original container in a cool, well ventilated area. DO NOT store for prolonged periods in direct sunlight. Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush or puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 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 500L, 1000L

Store in the closed, original container in a cool, well ventilated area. 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 60L, 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 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.

SMALL SPILL MANAGEMENT

Wear protective equipment (See SAFETY DIRECTIONS). Apply absorbent material such as earth, sand, clay granules or cat litter to the spill. Sweep up material for disposal when absorption is completed and contain in a refuse vessel for disposal (See STORAGE AND DISPOSAL section). If necessary, wash the spill area with an alkali detergent and water and absorb as above the wash liquid for disposal.

SAFETY DIRECTIONS

Avoid contact with eyes and skin. When opening the container, preparing the spray and using the prepared spray, wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow-length PVC gloves, a face shield or goggles. Wash hands after use. 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 Australia 13 11 26. If swallowed, DO NOT induce vomiting. Give a glass of water. If in eyes wash out immediately with water.

MATERIAL SAFETY DATA SHEET

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

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

CONDITIONS OF SALE

"Any provisions or rights under the 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."

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