297mm x 420mm

CAUTION

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



For the control of a wide spectrum of annual, perennial and woody weeds in a variety of situations including home and garden, commercial and industrial areas and agricultural situations as per the **Directions for Use table**



IMPORTANT: READ THIS LEAFLET BEFORE OPENING OR USING APVMA Approval No: 63336/0809

Freezone Public Health Pty Ltd Unit 26-27, 16 Macquarie PI, Boronia Vic 3155, Australia Tel: 61 (07) 3869 4436 I www. freezone.net.au

A3. A4 Scale 100%, fold to 99mm x 140mm

25 August, 2009

PRODUCT INFORMATION Freezone Glyphosate 680 Tuffweed Granular Concentrate Herbicice is a non-volatile, water volumes soluble product with non-selective herbicidal activity against many annual and perennial torcalard weeds and grasses. GLYPHCSATE 680 TUFFWEED may be used for weed control on agricultural land prior to planting any edible or non edible or con but not prior to transplanting to motaces. GLYPHCSATE 680 TUFFWEED is absorbed by plantin floga and green stems. It is inactivated immediately in the soil and does not provide residual weed control. GLYPHOSATE 680 TUFFWEED moves throughout the plant from the point

III S'i lactivitation in mediatary in one son and occorrect provider realization records and the son son and the foreign stem. Visible effects on annual weeds take 3-7 days but on perennial weeds may not be obvious for 2-3 weeks or longer in some cases. Visible effects of control Visible effects on annual weeds take 3-7 days but on perennial weeds may not be obvious for 2-3 weeks or longer in some cases. Visible effects of control

Hade obtained in an inclusion of the second weather at and following treatment. GLYPHOSATE 680 TUFFWEED will control emerged weeds only, and provides no residual weed control. Apply treatments to weed which have at least one true leaf (broadleaf weeds) or two leaves (grasses) to provide an adequate surface area for herbicide uptake.

RESISTANT WEEDS WARNING GROUP M HERBICIDE

FREEZONE GLYPHOSATE 680 TUFFWEED GRANULAR CONCENTRATE HERBICIDE is a member of the Glycines group of herbicides. GLYPHOSATE 680 TUFFWEED has the inhibitors of EPSP synthase mode of action. For weed resistance management GLYPHOSATE 680 TUFFWEED at a Group M herbicide. Some raturally courting weed biotypes resistant to GUYHOSATE 680 TUFFWEED at 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 GLYPHOSATE 680 TUFFWEED at other Group M herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Freezone Public Health PY Ltd accepts no flability for any losses that may result from the failure of GLYPHOSATE 680 TUFFWEED to control resistant weeds.

CROP ESTABLISHMENT

CROP ESTABLISHMENT FREZONE GLYPHOSATE 680 TUFFWEED HERBICIDE 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 thable soils and where there is only light cover of young weeds, sowing may proceed satisfactory 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 weed growth, sowing should be delayed until weed decay and soil conditions allow formation of a satisfactory seedbed. Incorporation of green or decaying weed growth, sowing should be delayed until weed decay and soil conditions allow formation of a satisfactory seedbed. Incorporation of green or decaying weed growth, sowing should be delayed until weed decay and soil conditions allow formation of a satisfactory seedbed. Incorporation of green or decaying weed growth, sowing should be delayed until weed decay and soil conditions allow formation of a satisfactory seedbed. Incorporation of green or decaying may be reduced by cariband weed becay may be assisted by cultification to law trans to mits surface. In maginal 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.

MIXING For boom application, water volume should not be less than 6 litres per 1kg of GLYPHOSATE 680 TUFFWEED. Reduced results may occur if water containing solid used eq, water from ponds and unlined diches, or if hard water containing calcium salts is used. Do not mix, store or apply this product or spray solutions of this product in galvanized steel or unlined steel containers or spray tanks, since a highly flammable gas mixture may be formed. Use stainless steel, aluminium, trass, cooper, fibregiass, plastic or plastic lined containers or spray tanks, since a highly flammable gas mixture may be formed. Use stainless steel, aluminium, trass, cooper, fibregiass, plastic or plastic lined containers or spray tanks is end or any residue of previous pray materials. Use spray solutions promptly and certainly within 5 days, since gradual loss of activity will occur. Good agitation is required particularly under cold conditions, to ensure all of the GLYPHCOATE GBO TUFFWEED dissolves when first added to the tank. Fill digitation in Pre-Filed Spray Tank - Fill the tank with one-haif the required amount of Clean water and set the pump on full agitation. -Add the required amount of CLYPHCOATE GBO TUFFWEED slowly to ensure that it is well dispersed throughout the tank and none collects on the bottom. Suggested rate is 10kg in 2-3 minutes. - Continue water addition and fully agitate until all the GLYPHOSATE 680 TUFFWEED is completely dissolved. SURFACTANT ADDITION MIXING

Additional surfactant is not required except where the rate of GLYPHOSATE 680 UNEWEED is less than 69U when applied by boom. Rate: Add Turbodo Plus at 100m. per 100L water. Results with other surfactants may be variable. Do not mix with spraying oils, agricultural chemicals or other materials except as directed on the label.

other matternase except as unexervor.
TANK MIXTURES
FREZONE GLYPHOSATE 680 TUFFWEED HERBICIDE, may be tank-mixed with the following herbicides, insecticides and additives. Read and follow all label
directions, restraints, plant back periods, withholding periods, regional use restrictions and safety directions for the tank-mix products.
Mixing instructions For All Tank Mixtures:
If the spray tark 1/3 to 1/2 full with clean water and start agitation. Add FREEZONE GLYPHOSATE 680 TUFFWEED HERBICIDE. Mix thoroughly and
continue water addition. Where crystalline ammonium subplate is recommended, wash 2%wiv (2kg/100L spray solution) through a top mesh-screen into
the tark and mix throughly. Add surfactant near the end of the filling process to minimize foraming. Always maintain adequate agitation during application and use the tank mix promptly.
Tank Mixtures – Herbicides

Tank Mixtures – Herbicides Atrazine flowable or granular (Apricultural uses only. Do not apply the tank-mix for control of Barnyard grass or liverseed grass), 2,4-D ester, dicamba, Express®, Triclopri 600, Ken-Chior 750, simazine" flowable or granular, Oust®, Yield®, Pendi 330, Tillmaster® CT, Ken-Met 600, Ken-Gan 750 WG, Ken-Tret, Handrog 500, LV MCPA and Dxyfluorten.

Ammonium sulfate may improve the performance of tank mixtures of FREEZONE GLYPHOSATE 680 TUFFWEED HERBICIDE and atrazine or simazine. See directions below

unctions below. The addition of Oxvfluorfen at 75mL/ha to recommended rates of FREEZONE GLYPHOSATE 680 TUFFWEED HERBICIDE prior to planting wheat or barley will rove knockdown and increase the speed at which treated weeds develop visible symptoms of phytotoxici

DIRECTIONS FOR USE

General Weed Contro

tion and complete directions for use, read this label booklet. APPLICATION CHECK LIST

VIDON CHECK LIST Do not treat versus under poor of domaint growing conditions (such as occur in drought, waterlogging, disease, insect damage or following frosts) as reduced weed control may result. Reduced efficacy may also occur when treating weeds heavily covered with dust or sit. Do not add additional surfactant or mix with any other agricultural chemicals, herbicides, oils or other materials except as specifically directed on this label. GLYPHOSATE 680 TLFFWEED is absorbed by plant follage and green stems. Rainfall scon after application may wash the herbicide off the weeds, particularly if the weeds are not actively growing, under stress or conditions of low light intensity or darkness. Delay treatment of plants wet with dev or rain if water droptes run of when plants are disturbed. Do not disturb treated weeds by cultivation, sowing or grazing for one day after treatment of plants be delayed (as recommended above) to ensure herbicide absorption except where noted. A withholding period for grazing stokk is not required. However, it is recommended that grazing of treated plants be delayed (as recommended above) to ensure herbicide absorption. Certain plants such as Soursob, St. John's Wort and Bracken, may be naturally toxic to stock. Where known toxic plants are present, grazing should be delayed until complete browning of treated plants has occurred.

SITUATION	CRITICAL COMMENTS
For general weed control in Domestic areas (Home garden), Commercial, Industrial and Public Service areas, Agricultural buildings and other farm situations. For specific weeds refer to the appropriate Weeds Controlled table.	For the control of many grasses and broadleaf weeds, bamboo, brush and woody weeds. Rate 5 g/L water Rater to the appropriate tables in the attached leaflet for information on application rates and timing ie. seasonal conditions and specific growth stages of specific weeds, bamboo, brush and woody weeds. Apply when weeds are actively growing. Apply to ensure complete and uniform wetting of foliage. Visible symptoms may take from 3-7 days to develop.

USE SITUATIONS ALL STATES (except where noted) For rates of application and weeds controlled, see Weeds Controlled tables

To races or application and needs controlled, see needs controlled tables.				
SITUATION	CRITICAL COMMENTS			
NON-AGRICULTURAL AREAS Around buildings, Commercial and industrial areas, Domestic and Public Service areas, Right-of ways	GLYPHOSATE 680 TUFFWEED does not provide residual weed control. For residual control of annual weeds, GLYPHOSATE 680 TUFFWEED may be tank mixed with certain residual herbicides. See Tank Mixtures/Herbicides .			
AGRICULTURAL AREAS	GLYPHIOSATE 680 TUFFWEED 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.			
DRY DRAINS AND CHANNELS (ETC)	DO NOT apply to weeds growing in over water. DO NOT spray across open bodies of water, and do not allow spray to enter water. DO NOT allow water to return to dry channels and drains within 4 days of application.			
FORESTS	GLYPHOSATE.680 TUFFWEED may be used prior to establishment of nurseries, for site preparation prior to planting and amongst established trees using a directed or shielded spray. DO NOT allow spray or spray drift to contact foilage or green bark of desirable trees, since severe injury may result.			
COTTON Shielded sprayers, Qld & NSW only	SHIELDED SPRAYERS Apply GLYPHOSATE 680 TUFFWEED to weeds growing between crop rows using a shielded spraver. 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 VINES CROPS Avocado, Banana, Blueberries, Citrus fruit, Custard apples, Duboisia, Figs – dessert, Guava, Kiwifruit, Litchi, Mango, Monstera – fruit, Nuts (including Almond, Pecan, Macadamia, Pistachio and Walnut), Olives, Pawpaw, Persimmons, Pome fruit, Raspberries, Stone fruit, Tea, Vineyards	Apply as a directed or shielded spray. D0 NOT apply as a spray near trees or vines less than 3 years old unless they are effectively shielded from spray and spray drift. Citrus fruit, Nuts, Olives, Pome fruit & Vineyards. D0 NOT allow spray or spray drift to contact green bark or stems, canes, laterals, suckers, fresh wounds, folge or fruits. Tea . Apply a maximum of 2 kg/ha by shielded boom or directed off-centre nozzle or 3 g/litre by directed handgun or knapsack to avoid application to the crop. All other crops . D0 NOT allow spray drift to contact any part of the plant including the trunk. CAUTION where split bark on Kwiffuit and green stems on Pavipew occur, extreme care is required. For residual control of annual weeks (SUPHOSENE 680 TUFFWEED may be tank mixed with compatible herbicides which are labelled for use in the above crops. See Tank Mixtures/Herbicides for directions.			
PASTURE	DIRECTED (SPOT) APPLICATION: GLVPHOSATE 680 TUFFWEED 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. BOOM APPLICATION: GLVPHOSATE 680 TUFFWEED may be used to suppress or kill existing pasture species prior to re-seeding or establishment of other crops. Where spot application is undertaken, grazing stock need not be removed. CAUTION Cartain 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.			

STATE REGISTRATION CODE A- Queensland B- New South Wales C- Victoria D- Tasmania E- South Australia F- Western Australia

WEEDS CONTROLLED

WEEDS

ANNUAL WEEDS Registration in all states/territories unless otherwise specified

WEEDS CONTROLLED	HANDGUN/KNAPSACK	Boom Rate/ha	CRITICAL COMMENTS
Annual ryegrass Amaranth Barrly grass Barrly grass Barngard grass Barngard grass Caltrop Canary grass Capeveed Careals Chickweed Cobbler's peg Deathetile Doublegee Furnitory Ground Chemy Hedge mustard Hoary cress ⁵⁰⁰ Lesser Swinecress Lesser Swinecress Saffon thistle Shergrass Sowflistle Spart histle Shergrass Sowflistle Spart histle Shergrass Sowflistle Spart histle Shergrass Sowflistle Spart histle Shergrass Sowflistle Spart histle Shergrass Sowflistle Spart histle Shergrass Sowflistle Sher	3-5 g/ltre	1-1.6 kg	Apply to weeds whenever they are not subject to stress due to drought or frost. Use higher rate on weeds over 15cm in height or diameter or where dense weed cover limits spray coverage. Use higher spit spraying rate when applying less than SL spray per 100 sg. m. GVPHOSATE 680 TEFWEED loses not provide resolutal weed control. Repeat treatments may be necessary to control later germinating weeds. For residual control of annual weeds QVPHOSATE 680 TUFFWEED may be tankmixed with certain residual herbicides. See Tank Mixtures in the General Instructions for directions.

PERENNIAL WEEDS Registration in all states/territories unless otherwise specified.

S CONTROLLED	HANDGUN/ KNAPSACK	Boom Rate/ha	CRITICAL COMMENTS
dea Maladia ()E	E e like	15.01.	Castel of astabilation according is best obtained when alouts are at the conditioned store. (Fact, flawer flatures)

Tank Mixtures – Additives Ammonium sulphate (crystalline or liquid 500g/L) Rate: 2L or 1 kg/100L spray solution. rstate: zu r i kgr i vou. spray soution. The addition of crystalline ammonium sulphate to FREEZONE GLYPHOSATE 680 TUFFWEED, when used to control annual weeds MAY improve the performance of FREZONE GLYPHOSATE 680 TUFFWEED HEBBIODE under adverse environmental conditions such as cool, cloudy weather. Ammonium sulfate may also improve the performance of tank mixtures of FREEZONE GLYPHOSATE 680 TUFFWEED and atrazine or simazine. Use only crystalline or liquid (500gL) ammonium sulfate, NOT priled or granular forms. Ammonium sulfate may be corrosive to metal parts of the sprayer. Thoroughly flush tanks, numes and norzie with weater after use anks, pumps and nozzles with water after use.

Pulse® Penetrant Rate: 20ml /10L sprav solution

Add when treating bracken (boom application) Wetter TX® Surfactant

Rate: 20mL/10L sprav solution.

Add when treating Annual regrass in spring (from the beginning of August to the end of October), Silvergrass and perennial grasses – see critical comments section. Wetter TX® is not a general purpose surfactant and should be used only where recommended. Tank Mivtures , Insertiation comments section. Wetter TX® is Tank Mixtures – Insecticides

Tails matures – insecucies This product is compatible with the following insecticides. Dimethoate, Imidan, Le-Mat@, Kensban 500, Metasystox@, Perfekthion@ EC 400, Sumithion@ ULV and emulsifiable concentrates of dimethoate and fenitrothion. Other insecticides have not been tested. APPLICATION

APPLICATION PREZONE CUPHOSATE 680 TUFFWEED HERBICIDEs 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.

Boom Equipment

Boom Equipment For broadare application, a spray volume of 60L/ha or less is recommended for optimum performance. Fan nozzoles equipment is recommended using pressures in the range 240-280kPa. Boom height must be set to ensure double overlap of nozzle patterns at the top of the weed canopy. High Volume Application (e.g. Knapsack/Handgun Equipment) The dilution rate is given as glitte e.g.: 5 grans GLYPHOSATE 680 TUFFWEED per 1 litter of vater. This is equal to 75 g GLYPHOSATE 680 TUFFWEED per 15 littes of vater or 500g per 100 littes of vater. Adjust equipment to achieve an even spray pattern. Apply to ensure complete and uniform wetting of all foliage. For handgun equipment, a D6 spray tip (Spraying Systems Australia PL) or equivalent and an operating pressure of 400-700kPa are recommended. Aerial Emument

operating pressure or Aerial Equipment

Aerial Equipment Aerial equipment may be used to apply GLYPHOSATE 680 TUFFWEED only in pasture or fallow situations prior to establishment of field crops, fodder crops or new rashures and for pre-harvest application to sorghum and oction crops. DO NOT use in intensive horticultural cropping areas. Use recommended rates of GLYPHOSATE 680 TUFFWEED HERBICDE specified in this label up to a maximum limit of 2.1kg/ha. For Micronaria not boom equipment, apply in a minimum spary volume of at last 2014. Droptets with an average size (MD) of 250-350 micron dameter are recommended. Swath widti should be 15-17m. Thoroughly wash aircraft, especially landing gear, after each day of spraying to remove

Application on hilly terrain

Approximation on muy terrain As spraying height may vary, to maximize target contact, increase water volume to 30-80L/ha and increase droplet size to at least 300 micron VMD. Application under summer conditions High temperatures and/or low relative humitity cause excessive evaporation of spray droplets which may reduce results. When ambient temperature reaches 25 °C, increase water volume to at least 30U/ha and increase droplet size to at least 300 micron VMD. Do NOT apply GLYPHIOSATE 680 TLYFINEED by aircraft when ambient temperature is above 30°C.

AVOID DRIFT

DO NOT use with spraying equipment or under meteorological conditions which could be expected to cause spray drift onto nearby susceptible plants, adjacent crops, crop lands or pastures. Equipment settings which produce fine droplets (150 micron or less), winds over 8km/h, inversion conditions, still air and hot dry dys all contribute to drift.

PROTECTION OF CROP, 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. DO NOT apply under weather conditions, or from spraying equipment, that may cause spray to drift onto nearby susceptible plants/crops, cropping lands or pastures. PROTECTION OF WILDLIFE, FISH CRUSTACEANS AND ENVIRONMENT

nate dams, rivers or streams with the product or used container. DO NOT apply to weeds growing in or over water. DO NOT sprav across DO NOT contaminate open bodies of water.

STORAGE AND DISPOSAL

Store in the closed, original container in a dry, cool, well-ventilated area out of direct sunlight. Triple or preferably pressure rinse containers before disposal. Add misings to spray tank, Do not dispose of unditude chemicais on site. If recycling, replace cap and return clean containers to recycler or designated collector point! Tho frecycling, treak, crush, or puncture and buy empty containers in a local authority landlill. If no landfill is available, buy 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 undited to the burrer. and product should not be burnt.

and product should not be unrut. For refillable containers: (normal text)Empty contents fully into application equipment. Close all valves and return to (point of supply/ designated collection point/ other specific collection details) for refill or storage.

SAFETY DIRECTIONS

SAFET UNICLIONS Hermful if swallowed. Will initiate the eyes and skin. Avoid contact with eyes and skin. When preparing product for use wear ebow-length PVC gloves and face shield or goggles. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each days use wash gloves, face shield or goggles and contaminated clothing. FIRST AID

If noisoning occurs, contact a doctor or Poisons Information Centre, Phone Australia 13,11,26

MATERIAL SAFETY DATA SHEET

Additional information is listed in the Material Safety Data Sheet available on our website www.freezone.net.au.

LIMITATION OF LIABILITY:

LIMITATION OF LIABLITY: Freezone Public Health Pty Ltdwill not accept responsibility whatsoever and howsoever arising and whether for consequential loss or risk to persons or property or otherwise in connection with the supply or use of this product other than responsibility for the merchantable quality of the product. The responsibility of Freezone Public Health Pty Ltd is limited to the replacement of the product or (at the option of Freezone Public Health Pty Ltd) the retund of the price paid and is conditional upon a claim being made in writing and where possible sufficient part of the product to enable proper examination being returned to Freezone Public Health Pty Ltd within thirty days of delivery. Except for such replacement, this product is sold without warranty or fability even tough defect, damage, or loss is caused by negligence or other fault.



UNIUNS		
Post-plant.	pre-emergence	application
TAS only	pro onio gonoo	approximent
THO UTINY		

For control of annual weeds and suppression of perennial weeds, including Rope Twitch, apply GLYPHOSATE 680 TUFFWEED at 530g – 1.6kg/ha 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.

Autorike insue- Arica Loverstor Carpet grass Cockstoot Hatweed Johnson grass Kikuyu Nutgrass Paspalum Phalans ^{ea} Pantai Partai Partai Partai Partai Tial sedge ^a Yorkshire fog	2 Ânnia	1.5-3 KU	Control of established percentrials is best coularied when plants are at the seedinad stage. Early hower nativeed). In general best control of whiter growing perennials is obtained with application (hard) whiter/spinor. Best control of summer growing perennials is obtained with application (hard) whiter/spinor. For Nutgrass in cultivated situations apply sequential treatments when Nutgrass has a minimum of 6-8 leaves. Use the higher rate in uncultivated situations. For Rhodes grass and Roge twitch, use the higher boom rate only. For Brodes and Pulse at 200m/100L spray mix. Best control of couch in WA and SA is obtained with spring treatment. Most effective control of couch in eastern states is obtained with summer and autumn treatments. In cultivated situations use sequential treatments of 2-4.5 <i>L</i> /ha for control.
Blady grass ⁴⁶ Bracken Couch "Cumbungi "Gyceria" Guinea grass "Paragrass "See Dry Drains and Channel Use situation	7 g/litre	4.5 kg	

PERENNIAL WEEDS Registration in all states/territories unless otherwise specified.

WEEDS CONTROLLED	HANDGUN/KNAPSACK	CRITICAL COMMENTS
Bamboo Bitou bush ^{veca} Borthorn Gorse Groundsel bush ^{ve} Lantana ^{se}	5 g/litre	For Gorse, add Pulse at 20mL/10L of spray mix.
Blackberry Eucalyptus spp. (seedlings <2m) ^{vecor} Hawthom ^{recer} Pampas grass Sitton bush ^{ele} Willow (<2m) ^{vecor}	5-7 g/litre	For Eucalyptus spp., add Pulse at 20mL/10L of spray mix.

SOUTHERN AUSTRALIA

Prior to sowing a crop or pasture with full soil disturbance by cultivation or sowing with a tyned implement WA, SA, Vic and NSW only

Prior to establishing a crop or pasture with an implement that gives minimal or no soil disturbance. NSW, Vic, SA, WA only

SOUTHERN AUSTRALIA To commence a fallow NSW, Vic, SA, WA only

For annual grass, capeweed and Calomba daisy seed-set reduction

Pasture topping

SITUATION SOUTHERN AUSTRALIA

CONSERVATION TILLAGE RESTRAINTS: To ensure herbicide absorption. DO NOT disturb weeds by cultivation, sowing or grazing for 1 day

Barley grass, Volunteer cereals, Wild oats

Annual ryegrass, Brome grass, Capeweed, Paterson's curse Saffron thistle, Scotch thistle, Silvergrass, Spear thistle, Wild mustard, Wild radish, Wild turnip

1.3 kg

790g - 1.6kg

530 q - 790 q

790 g -1 kg

790 g- 1.6 kg

790 g – 1.6 kg

160 g-240 g

240 g

790 a

Dock, Flatweed All the above weeds TAS only

Hoary cress, Soursob

All the above weeds TAS only

Annual ryegrass, Calomba daisy

Barley grass, Brome grass, Capeweed, silvergrass

Couch

rds hy cultivation, sowing or grazion for 1 day after treatment of	annual weeds and 7 days for perennial weeds, except where note	d
WEEDS CONTROLLED	RATE/HA	CRITICAL COMMENTS
Barley grass, Brome grass, Wild oats, Volunteer cereals	265-530g pretillering 530-660g posttillering	Treat only actively growing weeds not under stress from low moisture, frost, cold, disease or waterlogging. If heavy grazing has occurred, allow re-growth to 6-8 cm before spraying and use the higher rate. Rate Selection Increase to higher rates late in season or when treating under cold/overcast conditions. Full disturbance with cultivation or sowing on sowing with a tyneed implement may start one day after treatment. Where treating under cold/overcast conditions. Full disturbance with cultivation or sowing ones not occur within 21 days, and weed growth may start one day after treatment. Where treatment, under cold/overcast conditions. Crop Establishment Sowing should not proceed unit conditions allow the formation of a statisticatory seedbed. See Crop Establishment for directions. Annual Ryegrass, Silver grass and perennial grasses Addition of Wetter TX®, 200mL/100L spray solution, may improve control. When treating dense infestation of Silvergrass, use low volume nozzles (eg. SS11001, Hardi. No. 10) and a spray volume of ZhmL/ha or more is recommended to improve plant spray coverage. Tank Mixtures For directions. Prennial Weeds For Perennial phalaris, soursob, skeleton weed and Sorrel, GLYPHOSATE 680 TUFFWEED will provide knockdown, seasonal suppression and reduction in treated plant numbers.
Annual phalaris (Canary grass), Annual ryegrass, Silvergrass, Winter grass	530-660g pretillering 660-790g posttillering	
Calomba daisy, Capeweed, Doublegee/Spiny emex	265-530g less than 8cm diam/height 530-790g greater than 8cm diam/height	
Amsinckia, Furnitory, Paterson's curse, Saffron thistle, Scotch thistle, Spear thistle, Variegated thistle, Volunteer lupins, Wild turnip	530-660g less than 12cm diam/height 660-790g greater than 12cm diam/height	
Dock (seedling)	530-790g	
Perennial phalaris, Sorrel, Sub clover, Soursob Skeleton weed-fully emerged rosettes NSW only	790g	
All the above weeds TAS only	790g -1.6kg	Tasmania Use 790g/ha on annual weeds. Increase to 1.6kg/ha where perennial weeds are being treated. To control White Clover and improve control of Sorrel and Dock, add 1L/ha Banvel. Observe label directions and plantback periods.
Barley grass, Wild oats, Volunteer cereals	530 g – 790 g	Treat only actively growing weeds not under stress from low moisture, frost, cold, disease or waterlogging. If heavy grazing has occurred, allow regrowth to 6-8cm before spraying and use the higher rate.
Brome grass, Canary grass, Capeweed, Variegated thistle, Winter grass	660 g – 1 kg	Increase to higher rates in spring and under cold conditions. Aerial application lyse higher rates. See Aerial Equipment Annual Pwarzes Silvergrass and nerennal grasses Addition of Metter TV 200ml / 100L snrav solution, may improve control. When treating dense infectation of Silvergrass, use low volume pozzles (en SS11001, Hardi
Annual ryegrass, Paterson's curse, Saffron thistle, Scotch thistle, Spear thistle, Silvergrass, Wild mustard, Wild radish, Wild turnip	790 g – 1 kg	Treat only actively growing weeds not under stress from low moisture, frost, cold, disease or waterlogging. If heavy grazing has occurred, allow regrowth to 6-8cm before spraying and use the higher rate. Rate Selection Use the lower rate on young weeds; increase to the higher rate where grasses reach full tillering or where broadleal weeds commence stem elongation/budding. Increase to higher rates. See Aerial Equipment . Annual Ryegrass, Silvergrass and perennial grasses Addition of Wetter TX, 200mL/100L spray solution, may improve control. When treating dense infestation of Silvergrass, use low volume nozzles (eg.SS11001, Hardi. No.10) and a spray volume of 70mL/ha or more is recommended to improve plant spray coverage. Tank Mixtures for inproved control of lower add icamab. Read and follow all label directions; restraints, plantback periods, withholding periods, regional use restrictions and safety directions for the tank mix products. See Tan Mixtures for directions. Addition of ammonium sulfate, 2kg/100L, may improve control when treating under adverse environmental conditions. Pasture or Crop Establishment Do not sow into excessive trash. Excessive plant residues may be removed by grazing after treatment. Grazing may commence one day after treatment of annual weeds (small) and 7 days for perennial weeds. Selay grazing for three 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 (small) and 7 days for perennial weeds. Seeding Delay seeding until trash level is completely removed by grazing and/or plant decay. When establishing pasture, ensure application of feitilizer and insecticides and follow up management is under- taken as required.
Erodium, Plantain, Perennial-Phalaris, Sorrel, Sub. Clover, Yorkshire fog	990 g – 1.3 kg	

Aerial (or surface) Seeding Delay seeding until trash level is completely removed by grazing and/or plant decay. When establishing pasture, ensure application of fertilizer and insecticides and follow up management is undertaken as required

Tasmania Use 790g/ha on annual weeds.	
Increase to 1.6kg/ha where perennial weeds are being treated. To control White clover and improve control of Sorrel and Dock, add 1L/ha dicamba. Observe label directions and plantback periods	j.

Treat only actively growing weeds not under stress from low moisture, frost, cold, disease or waterdogging. If heavy grazing has occurred, allow regrowth to 6-8cm before spraying and use the higher rate. **Rate Selection** Use the lower rate on young weeds or where cultivation is to follow within 21 days. Increase to the high rate where grasses reach full tillering or where broadleaf weeds commence stem elongation/budding. **Annual Ryegrass, Silvergrass, and perennaling larsses** Addition of Wetter TX®, 200mL/100L spray solution, may improve control. When treating dense infestation of Silvergrass, use low volume nozzles (eg. SS11001, Hardi No. 10) and a spray volume of 70L/ha or more is recommended to improve plant spray coverage. **Soursol** Treat tom late rose to the orary flowering. **Soursol** Treat to 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 diffusction.

conjunction with outivation. Tank Mixtures For improved control of clover add dicamba. Read and follow all label directions, restraints, plantback periods, withholding periods, regional use restrictions and safety directions for the tank mix products.

Tasmania Use 790g/ha on annual weeds. Increase to 1.6kg/ha where perennial weeds are being treated. To control White clover and improve control of Sorrel and Dock, add 1L/ha dicamba. Observe label directions and plantback periods.

Remove stock prior to treatment to allow even regrowth. Apoly to capeweed and Annual Ryegrass at FLOWERING. For other grass, apply from HEAD to MILKY DOUGH stage. Use 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.

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 hard after

Seed-head suppression of Perennial grasses Bentgrass 200 q-330 q Poa Tussock infested pasture For reduction of ground cover allowing pasture renovation Timing Graze heavily, then remove 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 Increase 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. Most annual weeds and suppression of Poa Tussock 1.6 kg-2.1 kg Treat only actively growing weeds not under stress from low moisture, frost, cold, disease or waterooging. If heavy grazing has occurred, allow regrowth to 6-8cm before spraying and use the higher rate. Note that under summer (not conditions, dense infestations of Barnyard grass and Liverseed grass may require follow up treatment for complete control. Enhanced control of Barnyard grass and Liverseed grass may require follow up treatment for complete control. Enhanced control of Barnyard grass and Liverseed grass may require follow up treatment for complete control. Enhanced control of Barnyard grass and Liverseed grass may require follow up treatment for complete control. Enhanced control of Barnyard grass and Liverseed grass may require follow up treatment for Complete control. Enhanced control of Barnyard grass and Liverseed grass may require follow up treatment for complete control. Enhanced control of Barnyard grass and Liverseed grass may require follow up treatment for Complete control. Enhanced control of Barnyard grass and Liverseed grass may require follow up treatment for Complete control. Enhanced control of Barnyard grass and Liverseed grass may require follow up treatment for Complete control. Enhanced control of Barnyard grass and Liverseed grass. Complete control is the lower rate ange. Crop Establishment: Soving Should not proceed until conditions allow the formation of a satisfactory seedbed. See Crop Establishment for directions. Tank Mixtures. Read and follow all label directions, restraints plant-back and withholding periods, regional use restrictions and safety directions for the tank mix products. DO NOT tank mix with atrazine when spraying Barnyard grass or liverseed grass. NORTHERN AUSTRALIA In fallow or prior to planting a crop. Qld, NSW only Annual phalaris (Canary grass), Barley grass, Volunteer cereals, Wild oats 265-530a Barnyard grass, Button grass, Columbus grass (seedling), Liverseed grass, Native millet, Stinkgrass (lovegrass), Volunteer sorghum 530-1kg grass of Liverseed grass. Aerial Application: For instructions on aerial application under hot conditions see Aerial Equipment. DO NOT apply by aircraft when ambient temperature is above 30°C. Australian bluebell (Qld only), Cudweed, Fumitory, Mexican 530-790a poppy, New Zealand Spinach, Saffron thistle, Spear thistle, Spurge, Black (giant) pigweed, Boggabri weed, Caltrop (yellow vine), Indian hedge mustard, Mintweed, Summer grass 265-530g up to 5 true leaves or 3cm dia/height 530-790g greater than 5 true leaves or 3cm dia/height African Turnip weed, Deadnettle, Sweet summer grass, Variegated thistle, Volunteer sunflower **400-530g** up to 5 true leaves or 3cm dia/height **530-1kg** greater than 5 true leaves or 3cm dia/height 530-790g prior to stem elongation/budding. After that use 265-790g plus 500-700mL Ken- Ester 800 or 790g-1kg. Annual ground cherry (gooseberry), Bladder ketmia, Camel melon, False castor oil plant (Thornapple), Noogoora burr, Turnip weed, Wild lettuce, Wild turnip, Wireweed 530 g – 1kg Use higher rates on larger weeds. Control of pigweed over a wide range of growth stage can be obtained with the addition of Metsulfuron (Ken-Met 600). Observe recropping intervals Pigweed **400-530g** rosettes up to 3cm dia. **530g** – 1kg greater than 3cm dia. NORTHERN AUSTRALIA In fallow or prior to planting a crop. Qld, NSW only Sowthistle, Milkthistle Previously grazed plants may be difficult to control without allowing full recovery. 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. Couch 790g -1.6kg 1 – 1.6kg Use the higher rate on plants approaching seedhead stage. Apply to plants with minimum of 30cm new growth. Sequential treatments will be required for long term control. Johnson grass 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 6-8 weeks), it is essential to make a second applica-tion. Note Follow up treatments should be made as part of a Nutgrass control program. Nutgrass 1.6 + 1.6kg Sorghum (grainsorghum) DO NOT apply to varieties intended for seed production or varieties prone to lodging SORGHUM CONTROL (pre-harvest) QLD, NSW only 790-1kg Apply when grain moisture is less than 25%. Pre-harvest treatments may increase the likelihood of crop lodging. Apply treatments to previously slashed/grazed stubble when at least 20cm of new growth has occurred. Caution Sorghum may be naturally toxic to stock. 530-790g for fresh regrowth from slashed stubble. 790-1kg for standing stubble if sufficiently green a for fresh spring regrowth. SORGHUM CONTROL (post-harvest) QLD, NSW only Sorghum stubble (grain-sorghum) ntly green and APPLY UNDER GOOD GROWING CONDITIONS ONLY to actively growing rations 60-120cm tall. DO NOT apply if plants are under stress from low moisture or waterlogging. Use the lower rate for suppression or where cultivation is to follow. Use the higher rate for control. SUGARCANE Ratoon Spray out Qld, NSW only 2.1 - 4.8kg Sugarcane ratoon regrowth GLYPHOSATE 680 TUFFWEED is less effective in droughtstressed plants. In drought conditions a prewatering prior to spraying is recommended. In grazed situations, if heavy grazing has occurred allow regrowth to 6-8 cm before spraying. Annual ryegrass Add Wetter TX® at 200mL/100L of spray solution and where dominant, use the higher rate. Sowing Direct drilling may take place 1-14 days after spraying. GLYPHOSATE 680 TUFFWEED does not provide residual weed control. Permanent water and approved selective herbicides should be used to provide continuing control of weeds. RICE Direct drilling NSW only Annual phalaris (Canary grass), Annual ryegrass, Barley grass, Burr medic, Sub. Clover, Winter grass 530 g- 660g Cotton (preharvest) Do not use on crops intended for seed production QLD, NSW only Bathurst burr, Noogoora burr, Winter annual weeds including 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 infesta-tions, or when treating larger weeds. Apply alone or in tank mixtures with Thidazuron or Harvade®. Apply when at least 60% of bolls are open and immature bolls cannot be easily cut with a knife. When 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. Where control of Nutgrass and Neopora burr is required, treatments should be applied prior to the onset of forsts. 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 660 g – 1.3 kg Nutgrass, seasonal suppression only 1.3 kg the tank mix products

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