

SITUATION	WEEDS CONTROLLED	RATE /ha	CRITICAL COMMENTS
NORTHERN AUSTRALIA In fallows or prior to sowing a crop. QLD, NSW only	Annual phalaris (Canary grass), Barley grass, Volunteer cereals, Wild oats	265g – 530g	Treat only actively growing weeds not under stress from low moisture, frost, cold, disease or waterlogging. If heavy grazing has occurred, allow regrowth to 6-8 cm before spraying. Note that under summer (hot) conditions, dense infestations of Barnyard grass and Liverseed grass may require follow-up treatment for complete control. In winter (cold) conditions 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 more advanced stages of growth certain broadleaf weeds require a higher rate range or the addition of 2,4-D ester. CROP ESTABLISHMENT Sowing 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 periods, 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. AERIAL APPLICATION For instructions on aerial application under hot conditions, see Aerial Equipment . DO NOT apply by aircraft when temperature is above 30C.
	Barnyard grass, Columbus grass (seedling), Liverseed grass, Native Millet, Stinkgrass (Lovegrass), Volunteer sorghum	530g - 1kg	
	Australian bluebell (Old Only), Cutweed, Fumitory, Mexican poppy, New Zealand spinach, Saffron thistle, Spear thistle, Spurge, Striking goosefoot	530g –790g	
	Black (giant) pigweed, Boggabri weed, Caltrop (Yellowvine), Indian hedge mustard, Mintweed, Summer grass	265g - 530g up to 5 true leaves or 3 cm dia/ height 530g - 790g greater than 5 true leaves or 3 cm dia/ height	
	African turnip weed, Deadnettle, Sweet summer grass, Variegated thistle, Volunteer sunflower	400g - 530g up to 5 true leaves or 3 cm dia/ height 530g - 1kg greater than 5 true leaves or 3 cm dia/ height	
NORTHERN AUSTRALIA In fallows or prior to sowing a crop. QLD, NSW only	Annual ground cherry (Gooseberry), Bladder ketmia, Carmel melon, False castor oil plant (Thornapple), Noogoora burr, Turnip weed, Wild lettuce, Wild turnip, Wireweed	530g - 790g prior to stem elongation/budding After that use 265g - 790g plus 500-700mL 2,4-D ester (800 g/L) or 790g-1kg	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 the most effective. Repeat applications will be required for full control. For improved control use in conjunction with cultivation. Use the higher rate on plant approaching seedhead stage. Apply to plants with a minimum of 30cm new growth. Sequential treatments will be required for long term control. Make the 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 application. Note Follow up treatments should be made as part of a Nutgrass control program.
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NORTHERN AUSTRALIA In fallows or prior to sowing a crop. QLD, NSW only	Sowthistle, Milkthistle	400 g – 530g rosettes up to 3cm dia. 530g – 1kg greater than 3cm dia	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 the most effective. Repeat applications will be required for full control. For improved control use in conjunction with cultivation. Use the higher rate on plant approaching seedhead stage. Apply to plants with a minimum of 30cm new growth. Sequential treatments will be required for long term control. Make the 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 application. Note Follow up treatments should be made as part of a Nutgrass control program.
	Couch	790 g – 1.6kg	
	Johnson grass	1kg – 1.6kg	
	Nutgrass	1.6kg + 1.6kg	

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SORGHUM CONTROL (Pre-harvest) QLD, NSW only	Sorghum (grain sorghum) DO NOT apply to varieties intended for seed production or varieties prone to lodging.	790g -- 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.
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SORGHUM CONTROL (Post-harvest) QLD, NSW only	Sorghum stubble (grain sorghum)	530g - 790g for fresh regrowth from slashed stubble. 790g - 1kg for standing stubble if sufficiently green. 790g - 1kg fresh spring regrowth.	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.
SUGARCANE Ratoon spray out QLD, NSW only	Sugarcane ratoon regrowth	2.1kg - 4.8 kg	APPLY UNDER GOOD GROWING CONDITIONS ONLY to actively growing ratoons 60-120 cm 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.
RICE Direct drilling NSW only	Annual phalaris (Canary grass), Annual ryegrass, Barley grass, Burr medic, Sub clover, Winter grass	530g - 660g	Agrismart Dry-Gly 700 WG Herbicide is less effective on drought-stressed plants. In drought conditions a pre-watering 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 200 mL/100L of spray solution and where dominant, use the higher rate. SOWING Direct drilling may take place 1-14 days after spraying. Agrismart Dry-Gly 700 WG Herbicide does not provide residual weed control. Permanent water and approved selective herbicides should be used to provide continuing control of weeds.

SITUATION	WEEDS CONTROLLED	RATE /ha	CRITICAL COMMENTS
COTTON Preharvest DO NOT use on crops intended for seed. QLD, NSW only	Bathurst burr, Noogoora burr, Winter annual weeds, including sowthistle/milkwhistle Nutgrass, seasonal suppression only	660g - 1.3kg 1.3kg	Use 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 Droppo or Harvarde. 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 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.

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

PRODUCT INFORMATION

Agrismart Dry-Gly 700 WG Herbicide is a non-volatile, water soluble product with non-selective herbicidal activity against many annual and perennial broadleaf weeds and grasses. Agrismart Dry-Gly 700 WG Herbicide may be used for weed control in agricultural land prior to sowing any edible or non-edible crop, but not prior to transplanting tomatoes. Agrismart Dry-Gly 700 WG Herbicide is absorbed by plant foliage and green stems. It is inactivated immediately in the soil and does not provide residual weed

control. Agrismart Dry-Gly 700 WG Herbicide moves throughout the plant from the point of contact to 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 longer in some cases. Visible effects of control may be delayed by cool or cloudy weather at and following treatment. Agrismart Dry-Gly 700 WG Herbicide will control emerged weeds only, and provides no 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.

RESISTANT WEEDS WARNING

Agrismart Dry-Gly 700 WG Herbicide is a member of the Glycines group of herbicides. Agrismart Dry-Gly 700 WG Herbicide has the inhibition of EPSP synthase mode of action. For weed resistance management Agrismart Dry-Gly 700 WG Herbicide is a Group M herbicide. Some naturally occurring weed biotypes resistant to Agrismart Dry-Gly 700 WG Herbicide and other inhibitors of EPSP synthase mode of action 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 Agrismart Dry-Gly 700 WG Herbicide or other inhibitors of EPSP synthase herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Agrismart accepts no liability for any losses that may result from the failure of Agrismart Dry-Gly 700 WG Herbicide to control resistant weeds.

CROP ESTABLISHMENT

Agrismart Dry-Gly 700 WG 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 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 seeding depth and avoid use of pre-

emergence herbicides where label directions advise risk of retarded crop emergence.

MIXING

For boom application, water volumes should not be less than 6 litres per 1 kg of Agrismart Dry-Gly 700 WG Herbicide. Reduced results may occur if water containing soil is used, eg water from ponds and unlined ditches, or if hard water containing calcium salts is used. Do not mix, store or apply this product or spray solutions of this product in galvanised steel or unlined steel containers or spray tanks, since a highly flammable gas mixture may be formed. Use stainless steel, aluminium, brass, copper, fibreglass, plastic-lined containers or spray tanks. Spray tanks, pumps, line and nozzles should be thoroughly cleaned with clean water following application to prevent corrosion. Ensure the spray tank is free of any residue of previous spray materials. Use spray solutions promptly and certainly within 5 days, since a gradual loss of activity will occur. Good agitation is required, particularly under cold conditions, to ensure all of the Agrismart Dry-Gly 700 WG Herbicide dissolves when first added to the tank.

Full Agitation in Pre-filled Spray Tank

- Fill the tank with one-half the required amount of clean water and set the pump on full agitation.
- Add the required amount of Agrismart Dry-Gly 700 WG Herbicide slowly to ensure that it is well dispersed through-out the tank and none collects on the bottom. Suggested rate is 10 kg in 2-3 minutes.
- Continue water addition and fully agitate until all the Agrismart Dry-Gly 700 WG Herbicide is completely dissolved.

SURFACTANT ADDITION

Additional surfactant is not required except where the rate of Agrismart Dry-Gly 700 WG Herbicide is less than 6g/L when applied by boom.
Rate: Add Turbo® Plus at 100mL per 100L water. Results with other surfactants may be variable. Do not mix with spraying oils, agricultural chemicals or any other material except as directed on the label.

TANK MIXTURES

Agrismart Dry-Gly 700 WG 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

- Fill the spray tank 1/3 to 1/2 full with clean water and start agitation.
- Add Agrismart Dry-Gly 700 WG Herbicide. Mix thoroughly and continue water addition.
- Where crystalline ammonium sulphate is recommended, wash the ammonium sulfate through a top mesh screen into the tank and mix thoroughly.
- Add recommended herbicide/insecticide/additive to the spray tank and mix thoroughly.
- Add surfactant near the end of the filling process to minimise foaming.
- Always maintain adequate agitation during application and use the tank-mix promptly.

Tank Mixtures - Herbicides

Atrazine* flowable or granular (Agricultural uses only, DO NOT apply the tank-mix for control of Barnyard grass or liverseed grass), 2,4-D Ester, dicamba, Express, Garlon 600, Glean®, simazine* Flowable or granular, Oust®, Yield®, Stomp® 330E, Tillmaster® CT, Ally® , Logran® 750WG, Flandor® 500, LVE MCPA, and Striker.

*Ammonium sulfate may improve the performance of tank mixtures of Agrismart Dry-Gly 700 WG Herbicide and atrazine and simazine. See directions below.

The addition of Striker at 75mL/ha to recommended rates of Agrismart Dry-Gly 700 WG Herbicide prior to planting wheat or barley will improve knockdown and increase the speed at which treated weeds develop visible symptoms of phytotoxicity.

Tank Mixtures - Additives

Ammonium Sulphate (crystalline or liquid 500g/L)

RATE: 2L or 1kg/100L spray solution The addition of crystalline ammonium sulphate to Agrismart Dry-Gly 700 WG Herbicide, when used to control ANNUAL weeds, MAY improve the performance of Agrismart Dry-Gly 700 WG Herbicide under adverse environmental

conditions such as cool, cloudy weather. Ammonium sulphate may also improve the performance of tank mixtures of Agrismart Dry-Gly 700 WG Herbicide and atrazine and simazine. Use only crystalline or liquid (500g/L) ammonium sulphate, NOT prilled or granular forms. Ammonium sulphate may be corrosive to metal parts of the sprayer. Thoroughly flush tanks, pumps and nozzles with water after use.

Pulse® Penetrant

RATE: 20 mL/10L spray solution.

Add when treating Bracken (boom application).

Wetter TX Surfactant

RATE: 20 mL/10L spray solution.

Add when treating Annual ryegrass in spring (from beginning of August to 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 Mixtures - Insecticides

This product is compatible with the following insecticides: Dimethoate, Imidan®, Le-Mat®, Lorsban® 500, Metasystox®, Perfekthion® EC 400, Sumithion® ULV, and emulsifiable concentrates of dimethoate and fenitrothion. Other insecticides have not been tested.

APPLICATION

Agrismart Dry-Gly 700 WG Herbicide is a non-selective translocated herbicide. Direct spray contact, or even slight drift, may cause severe injury or destruction of any growing crops or other desirable plants including trees. Clean all equipment after use by thoroughly washing with water.

Boom Equipment

For broadacre application, a spray volume of 60L/ha or less is recommended for optimum performance. Fan nozzles 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.

High Volume Application

(eg. Knapsack/Handgun Equipment)

The dilution rate is given as g/litre eg: 5 grams Agrismart Dry-Gly 700 WG Herbicide per 1 litre of water. This is equal to 75g Agrismart Dry-Gly 700 WG Herbicide per 15 litres of water or 500g per 100 litres of water.

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 P/L) or equivalent and an operating pressure of 400-700 kPa are recommended.

Aerial Equipment

Aerial equipment may be used to apply Agrismart Dry-Gly 700 WG Herbicide only in pasture or fallow situations prior to establishment of field crops, fodder crops, or new pasture and for pre-harvest application to sorghum and cotton crops. DO NOT use in intensive horticultural cropping areas.

Use recommended rates of Agrismart Dry-Gly 700 WG Herbicide specified in this label up to a maximum limit of 2.1 kg/ha. For Micronair and boom equipment, apply in a minimum spray volume of at least 20L/ha. Droplets with an average size (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 conditions:

High temperatures 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 Agrismart Dry-Gly 700 WG Herbicide by aircraft when 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 microns or less), winds over 8 km/h, inversion conditions, still air and hot dry days all contribute to drift.

APPLICATION CHECKLIST

- Do not treat weeds under poor growing or dormant 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 silt.
- Do not add additional surfactant or mix with any other agricultural chemicals, herbicide oils or other materials except as specifically directed on this label.
- Agrismart Dry-Gly 700 WG Herbicide is absorbed by plant foliage and green stems. Rainfall soon 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 dew or rain if water droplets run off when plants are disturbed.
- Do not disturb treated weeds by cultivation sowing or grazing for one day after treatment of annual weeds and 7 days for perennial weeds, to ensure herbicide adsorption except where noted.
- A Withholding Period for grazing stock is not required. However, it is recommended that grazing of treated plants be delayed (as recommended above) to ensure herbicide adsorption. 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.

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

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

STORAGE AND DISPOSAL

Store in the closed, original container in a dry, cool, well-ventilated area out of direct sunlight. Do not contaminate seed, feed or foodstuff. Shake empty bag into spray tank. Do not dispose of undiluted chemicals on site. Puncture or shred and bury empty containers in a local landfill. If no landfill is available, bury the containers below 500 mm 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.

SAFETY DIRECTIONS

Harmful if swallowed. Will damage eyes and will irritate the skin. Avoid contact with eyes and skin. When opening the container and preparing the product for use wear elbow-length PVC gloves and goggles. If product in eyes, wash it out immediately with water. 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, goggles and contaminated clothing.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. **Phone Australia 131126**

MATERIAL SAFETY DATA SHEET

Additional information is listed in the Material Safety Data Sheet which can be obtained from the supplier.

CONDITIONS OF SALE

Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with the directions under normal conditions of use. No warranty of merchantability for a particular purpose, express or implied, extends to the use of the product contrary to label instructions, or under abnormal conditions.

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