POISON

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

Valor®

500 WG HERBICIDE

ACTIVE CONSTITUENT: 500g/kg FLUMIOXAZIN

GROUP **G** HERBICIDE

For rapid knockdown and control of various grass and broadleaved weeds when mixed with certain glyphosate or paraquat/diquat herbicides; for control of volunteer cotton when applied alone prior to sowing summer crops, or pre- or post-sowing pre-emergence for cotton; for control of various broadleaved weeds when applied as a directed spray in cotton; and for knockdown and residual control of various grass and broadleaved weeds in sugarcane; as per the Directions for Use table.

GENERAL INSTRUCTIONS

MIXING

VALOR 500 WG is a water dispersible granule formulation and is contained within a water soluble bag. The water soluble bags dissolve readily in water. **DO NOT** handle water soluble bags or expose to moisture because this may cause breakages. **DO NOT** touch bags with wet hands or place on wet surfaces. **DO NOT** damage foil Sachets that contain the water soluble bags. Protect unused Sachets by keeping them in the original container. Open Sachets only as needed.

To ensure even mixing, half-fill the spray tank with clean water. Tear open the necessary number of sachets and drop the water soluble bags contained in them into the spray tank **without touching the bags**. Keep the agitation system engaged. Mix thoroughly until fully dissolved. Add the knockdown herbicide and remaining water. Mix thoroughly. Add spray additive near the end of the filling process to minimize foaming. Always maintain adequate agitation during application and use the tank mix promptly.

APPLICATION

1. CEREAL GRAINS (WHEAT, BARLEY, OATS, MAIZE AND SORGHUM), PULSES (LUPINS, CHICKPEAS, FABA BEANS, FIELD PEAS, LENTILS AND MUNGBEANS), OILSEEDS (SOYBEANS AND SUNFLOWERS) AND COTTON:

A & B: Valor 500 WG Herbicide applied as a pre-plant burndown “spike” with glyphosate OR with either paraquat or a diquat/paraquat mixture (Table A) & Valor 500 WG Herbicide applied as a burn down for control of volunteer cotton (Table B).

Apply in a minimum of 80 L spray solution per hectare.

Refer to the Directions for Use and General Instructions of the knockdown herbicide label. As VALOR is a contact herbicide, coverage is important.

Performance of VALOR as a knockdown or with a partner on weeds or on volunteer cotton may be reduced with large droplets and poor coverage.

Air induction nozzles that deliver coarse droplets at high travelling speeds, low pressure and low water rates may reduce coverage and herbicide performance.

Air induction nozzles can produce variable results when used with oil.

Best results with VALOR are achieved with medium droplets produced by wide angle flat fan or twin jet nozzles. If the partner herbicide requires coarse droplets, then ensure high water volumes >80 L/ha are used.

2. SUGARCANE:

D: Valor 500 WG Herbicide applied to enhance knockdown in mixtures with non-selective herbicides, eg. paraquat, glufosinate and also atrazine (Table D); and applied to provide enhanced knockdown and long term residual weed control (Table D).

Apply in a minimum of 250 L spray solution per hectare.

Refer to the Directions for Use and General Instructions of the knockdown herbicide label.

SPRAYER CLEANUP

When cleaning spraying equipment, wear cotton overalls buttoned to the neck and wrist and elbow-length chemical resistant gloves.

After Valor 500 WG is applied the following steps must be taken to clean the spray equipment.

1. Completely drain the spray tank, rinse the sprayer thoroughly, including the inside and outside of the tank and all in-line screens.
2. Fill the spray tank with clean water and flush all hoses, booms, screens and nozzles.
3. Add 1 litre of 3% household ammonia or similar alkaline based tank cleaner for every 100litres of water, circulate through sprayer for five minutes, then flush all hoses, booms, screens and nozzles for a minimum of fifteen minutes.
4. Drain tank completely.
5. Add enough clean water to the spray tank to allow all hoses, booms, screens and nozzles to be flushed for two minutes.
6. Remove all nozzles and screens and rinse them in clean water.

Equipment with Valor 500WG residue remaining in the system may result in crop injury to the subsequently treated crop.

APVMA compliance instructions for mandatory COARSE or larger droplet size categories

Important information

These instructions inform those using this chemical product how to lawfully comply with the requirement of a COARSE or larger spray droplet size category for spray application.

Spray droplet size categories are defined in the ASAE S572 Standard (newer name may also be shown as ASABE) or the BCPC guideline. Nozzle manufacturers may refer to one or both of these documents, to identify droplet size categories; however, for a nozzle to comply with this requirement, the manufacturer must refer to at least one.

Complying with the label requirement to use a specific droplet size category means using the correct nozzle that will deliver that droplet size category under the spray operation conditions being used. The APVMA has approved only the following specific methods for choosing the correct nozzle. Use one of the methods specified in these instructions to select a correct nozzle to deliver a COARSE or larger droplet size category.

Instructions for ground application—for COARSE droplet size or larger categories.

Mandatory instructions for ground applications.

USE ONLY nozzles that the nozzles' manufacturer has rated to deliver a COARSE, a VERY COARSE or an EXTREMELY COARSE droplet size category, as referenced in ASAE S572 or BCPC. Choose a nozzle that is specified to provide the droplet size category required in the label Spray Drift Restraints.

DO NOT use a higher spray system pressure than the maximum the manufacturer specifies for the selected nozzle to deliver the droplet size category required in the label Spray Drift Restraint.

COMPATIBILITY

Valor 500 WG Herbicide is compatible with: Glyphosate 450, Roundup Powermax Herbicide, Roundup Ready Herbicide with Plant Shield, Roundup Max Herbicide by Monsanto, Nufarm Weedmaster DST or Nufarm Weedmaster Argo Dual Salt Technology Herbicide, SpraySeed 250 Herbicide or Nufarm Revolver Herbicide, Gramoxone Herbicide or Nufarm Nuquat 250 Non-residual Knockdown Herbicide, 2,4-D Ester Herbicide or Nufarm Estercide Xtra 680 or Nufarm Estercide 800 Herbicide, Nufarm Amicide Advance 700 Selective Herbicide, Hasten, Kwickin and Banjo at 0.5-1L/100L and with Uptake* at 0.5L/100L

RESISTANT WEEDS WARNING GROUP G HERBICIDE

Valor 500 WG Herbicide is a member of the N-phenylphthalimides group of herbicides. The mode of action of Valor 500 WG Herbicide is to inhibit protoporphyrinogen oxidase. For weed resistance management, Valor 500 WG Herbicide is a Group G Herbicide.

Some naturally-occurring weed biotypes resistant to Valor 500 WG Herbicide and other Group G 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 Valor 500 WG Herbicide or other Group G Herbicides.

Since the occurrence of resistant weeds is difficult to detect prior to use, Sumitomo Chemical Australia Pty Ltd accepts no liability for any losses that may result from the failure of Valor 500 WG Herbicide to control resistant weeds.

Strategies to minimize the risk of herbicide resistance are available. Contact your farm chemical supplier, consultant or local Department of Agriculture.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

DO NOT apply Valor 500 WG Herbicide under weather conditions (e.g. wind) or from spray equipment that may cause spray to drift onto nearby susceptible crops/plants, cropping lands or pastures.

Except for application in sugarcane, a 15 meter buffer must be observed between sprayed areas and any downwind adjacent vegetation. Care should be taken to avoid damage to adjoining native grasses or grass crops.

Valor 500 WG Herbicide should not be applied through misting equipment or any other method likely to cause excessive drift.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

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

DO NOT apply Valor 500 WG Herbicide if wind is likely to cause drift onto natural and impounded lakes, waterways, streams or rivers.

A 5 meter buffer must be observed between sprayed areas and downwind natural and impounded lakes, dams, waterways, streams or rivers.

STORAGE AND DISPOSAL

Store in a locked room or place away from children, animals, food, feedstuffs and fertilizers. Store in the closed, original container in a dry, cool well-ventilated area out of direct sunlight. **DO NOT** store in or expose product to wet conditions. Rough handling of product may cause breakage of water soluble bags, especially at low temperatures.

DO NOT dispose of undiluted chemicals on-site. Break, crush or puncture sachets and containers and deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available bury the empty packaging 500 mm below the surface in a disposal pit

specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots, in compliance with relevant Local, State or Territory government regulations. **DO NOT** burn empty containers or product.

SMALL SPILL MANAGEMENT

Sweep up material and contain in a refuse vessel for disposal in the same manner as for containers (see Storage and Disposal).

SAFETY DIRECTIONS

WARNING: CONTAINS FLUMIOXAZIN WHICH CAUSES BIRTH DEFECTS IN LABORATORY ANIMALS. WOMEN OF CHILD BEARING AGE SHOULD AVOID CONTACT WITH FLUMIOXAZIN

Poisonous if absorbed by skin contact or swallowed. May irritate the eyes, nose and throat, and skin. Avoid contact with eyes and skin. Open sachets only as needed. When opening the container, preparing spray and using the prepared spray, wear cotton overalls over normal clothing, buttoned to the neck and wrist and a washable hat and elbow-length chemical resistant gloves and face shield. 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 and face shield and contaminated clothing.

RE-ENTRY

DO NOT enter treated areas until the spray has dried unless wearing cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant gloves. Clothing must be laundered after each day's use.

DO NOT allow entry onto treated areas until the spray has dried for low exposure activities such as irrigation and scouting, unless wearing cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant gloves. Clothing must be laundered after each day's use.

DO NOT allow entry onto treated areas for 6 days for high exposure activities such as harvesting, pruning, and training, unless wearing cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant gloves. Clothing must be laundered after each day's use.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia Tel. 131126; New Zealand 0800 764 766.

SAFETY DATA SHEET

Additional information is listed in the Safety Data Sheet (SDS) obtained from Sumitomo Chemical Australia Pty Ltd.

IMPORTANT NOTICE

These goods are to be used only for the purpose and as specified on the label, and are not suitable for any other purpose. To the fullest extent permitted by law, we do not accept or bear any liability on any basis for any loss, damage, cost or expense, arising in any way, directly or indirectly, in connection with the goods.

APVMA Approval No: 61622/105965

THIS PRODUCT IS NOT CONSIDERED TO BE A DANGEROUS GOOD UNDER THE AUSTRALIAN CODE FOR THE TRANSPORT OF DANGEROUS GOODS BY ROAD AND RAIL	
IN A TRANSPORT EMERGENCY **DIAL: 000** POLICE OR FIRE BRIGADE	FOR SPECIALIST ADVICE IN AN EMERGENCY ONLY **PHONE: 1800 024 973** TOLL FREE ALL HOURS - AUSTRALIA WIDE

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DIRECTIONS FOR USE

1. CEREAL GRAINS (WHEAT, BARLEY, OATS, MAIZE AND SORGHUM), PULSES (LUPINS, CHICKPEAS, FABA BEANS, FIELD PEAS, LENTILS AND MUNGBEANS), OILSEEDS (SOYBEANS AND SUNFLOWERS) AND COTTON.

Table A. Valor 500 WG Herbicide applied as a pre-plant burndown "spike" with glyphosate OR with either paraquat or a diquat/paraquat mixture.

RESTRAINTS

DO NOT apply by air.

DO NOT treat weeds under poor growing or dormant conditions (such as occur in drought, waterlogging, disease, insect damage or following frosts) as reduced control may result. Weeds should be actively growing at time of treatment.

DO NOT apply when wind speed is less than 3 or more than 20 kilometres per hour, as measured at the application site.

DO NOT apply during surface temperature inversion conditions at the application site.

CROP / SITUATION	WEEDS CONTROLLED	RATE	STATE	CRITICAL COMMENTS
PRIOR TO SOWING **Barley, chick peas, cotton, faba beans, field peas, lentils, lupins, maize, mungbeans, oats, sorghum, soybeans, sunflowers, and wheat**	Follow the Directions For Use of the glyphosate or Paraquat/Diquat knockdown herbicides, and the addition of VALOR 500 WG Herbicide will increase the speed of brownout and may improve final control of the following weeds: Bellvine *(Ipomoea plebeia)* Bladder ketmia *(Hibiscus trionum)* Caltrop/Peach vine *(Tribulus terrestris)* Capeweed *(Arctotheca calendula)* Cow vine *(Ipomoea lonchophylla)* Doublegee *(Emex australis)* Erodium False castor oil *(Datura stromonium)* Liverseed grass *(Urochloa panicoides)* Marshmallow *(Malva parviflora)* *Medicago* spp. Noogoora burr (Xanthium occidentale) Paterson's Curse (Echium plantagineum) Seedling Lucerne (Medicago sativa) Shepherd's Purse (Capsella bursa-pastoris) Sowthistle (Sonchus oleraceus) Sunflower (Helianthus annuus) Redroot amaranth (Amaranthus retroflexus) Subterranean clover * (Trifolium subterraneum) Volunteer canola (Brassica napus) Wild radish (Raphanus raphanistrum) Wireweed (Polygonum aviculare) Spurred vetch (Vicia monantha) Turnip weed (Rapistrum rugosum) Annual polymeria (Polymeria pusilla) Dead nettle (Lamium amplexicaule). Black bindweed (Fallopia convolvulus) Red pigweed (Portulaca oleracea) Black pigweed (Trianthema portulacastrum) Tarvine (Boerhavia dominii) If one of the above weeds is the dominant weed, and there is no specific rate for it on the glyphosate product label, consult the label's generic annual-weed rate range. Select from within this range to suit the weed-stage, weed density, conditions etc of your situation. * Suppression only	30 g/ha of Valor plus the label rate of tank mix partner plus an adjuvant①	All States	**Observe the restraints, rates, mixing and general instructions on the knockdown herbicide product labels.** Best results are obtained when applied to young weeds between the 2- and 6-leaf stage. Addition of Valor 500 WG Herbicide to knockdown products will increase the speed at which treated weeds develop visible symptoms of phytotoxicity (compared to the results achieved with tank mix partner products alone) and may improve the final control of certain broadleaved weeds. To ensure uptake of Valor 500 WG Herbicide **DO NOT** sow crops for at least one hour after application. Always refer to the tank-mix partner product label in case a longer sowing interval is required. ①Always apply with Hasten Spray Adjuvant or Kwickin Spray Adjuvant at 0.5 - 1L/100L (use the lower rate on smaller, actively growing weeds), or Uptake Spraying Oil at 500 mL/100L.

Note:

The addition of Valor to glyphosate, paraquat or diquat will not help to control large weeds or weeds that have hardened up from stress or established big tap roots.

Glyphosate resistant weeds may not be controlled by addition of VALOR Herbicide.

See application section for recommendations to get the best results.

DIRECTIONS FOR USE

1. CEREAL GRAINS (WHEAT, BARLEY, OATS, MAIZE AND SORGHUM), PULSES (LUPINS, CHICKPEAS, FABA BEANS, FIELD PEAS, LENTILS AND MUNGBEANS), OILSEEDS (SOYBEANS AND SUNFLOWERS) AND COTTON.

Table B. Valor 500 WG Herbicide applied as a burndown for control of volunteer cotton.

RESTRAINTS

DO NOT apply by air.

DO NOT treat weeds under poor growing or dormant conditions (such as occur in drought, waterlogging, disease, insect damage or following frosts) as reduced control may result. Weeds should be actively growing at time of treatment.

DO NOT apply when wind speed is less than 3 or more than 20 kilometres per hour, as measured at the application site.

DO NOT apply during surface temperature inversion conditions at the application site.

CROP / SITUATION	WEEDS CONTROLLED	WEED GROWTH STAGE	RATE	STATE	CRITICAL COMMENTS
PRIOR TO SOWING **Maize Mungbeans Sorghum Soybeans and Sunflowers**	Volunteer cotton including volunteer Roundup Ready cotton of your situation.	up to 4 leaf	45 g/ha of Valor plus an adjuvant①	NSW and QLD only	**DO NOT apply post-sowing pre-emergent.** **DO NOT** sow crops for at least one hour after application. Valor 500 WG can be tank mixed with glyphosate to control other weeds that are present. Refer to the glyphosate label for the appropriate label rate according to the weeds present. Always apply with Hasten Spray Adjuvant or Kwickin Spray Adjuvant at 0.5 - 1L/100L (use the lower rate on smaller, actively growing weeds), or Uptake Spraying Oil at 500 mL/100L.
Cotton PRE- or POST SOWING pre emergence					Apply not later than 1 hour prior to sowing or post sowing up to 2 days before first crop emergence Valor 500 WG can be tank mixed with glyphosate to control other weeds that are present. Refer to the glyphosate label for the appropriate label rate according to the weeds present. ①Always apply with Hasten Spray Adjuvant or Kwickin Spray Adjuvant at 0.5 - 1L/100L (use the lower rate on smaller, actively growing weeds), or Uptake Spraying Oil at 500 mL/100L.

DIRECTIONS FOR USE

1. CEREAL GRAINS (WHEAT, BARLEY, OATS, MAIZE AND SORGHUM), PULSES (LUPINS, CHICKPEAS, FABA BEANS, FIELD PEAS, LENTILS AND MUNGBEANS), OILSEEDS (SOYBEANS AND SUNFLOWERS) AND COTTON.

Table C. Valor 500 WG Herbicide applied as a layby application for weed control in COTTON.

RESTRAINTS

DO NOT apply by air.

DO NOT treat weeds under poor growing or dormant conditions (such as occur in drought, waterlogging, disease, insect damage or following frosts) as reduced control may result. Weeds should be actively growing at time of treatment.

DO NOT apply when wind speed is less than 3 or more than 20 kilometres per hour, as measured at the application site.

DO NOT apply during surface temperature inversion conditions at the application site.

CROP / SITUATION	WEEDS CONTROLLED	WEED GROWTH STAGE	RATE	CRITICAL COMMENTS
Cotton Lay-by application	Noogoora burr Caltrop, Yellowvine *(Tribulus terrestris & T. micrococcus)*	< 4 leaf <10 cm Ø	60 g/ha plus an adjuvant①	Apply as a shielded spray underneath cotton foliage and to inter rows to control late germinating weeds, or weeds that have escaped previous herbicide operations. Best results are obtained when applied to young weeds between the 2- and 6-leaf stage. Vines that have commenced climbing may not be controlled. **CAUTION:** Valor 500 WDG will defoliate any cotton foliage that is contacted by the spray. Shielded sprayers must be operated to ensure that spray does not make contact with cotton foliage. **DO NOT** apply in conditions conducive to drift. **DO NOT** apply until cotton plants are 40 cm tall. **DO NOT** allow contact with green bark on stems or trunks. ①Always apply with Hasten Spray Adjuvant or Kwickin Spray Adjuvant at 0.5 - 1L/100L (use the lower rate on smaller, actively growing weeds), or Uptake Spraying Oil at 500 mL/100L.
	Bellvine Bladder ketmia Cow/Peach vine Spiked malvastrum *(Malvastrum americanum)* Black pigweed Red pigweed Annual polymeria *(Polymeria pusilla)* Sow thistle Dwarf amaranth *(Amaranthus macrocarpus)*	<12 leaf <6 leaf < 12 leaf <10 cm Ø <12 leaf <15 cm Ø <6 leaf <4 leaf < 4 branch	90 g/ha plus an adjuvant①	

DIRECTIONS FOR USE

2. SUGARCANE

Table D. Valor 500 WG Herbicide applied to enhance knockdown in mixtures with non-selective herbicides, eg. paraquat, glufosinate and also atrazine; and applied to provide enhanced knockdown and long term residual weed control.

RESTRAINTS

DO NOT apply by air.
DO NOT apply in areas where slope exceeds 4%.
DO NOT apply for enhanced knockdown if weeds are stressed from drought, frost or waterlogging.
DO NOT apply for residual weed control until the start of summer rains when significant soil wetting rain has occurred (> 15mm) or the soil has been irrigated.
DO NOT apply if heavy rains or storms that are likely to cause runoff are forecast within 3 days.
DO NOT irrigate to the point of runoff for at least 3 days after application.
DO NOT apply in high pH water (pH >7) or allow the spray mix to stand overnight.
DO NOT disturb treated soil surface after application.
DO NOT make more than one application per year.
DO NOT plant crops other than sugarcane for 12 months after application.

SPRAY DRIFT RESTRAINTS WHEN USED IN SUGARCANE

DO NOT apply with spray droplets smaller than a COARSE spray droplet size category according to 'APVMA Compliance Instructions for Mandatory COARSE or Larger Droplet Size Categories' located under this title in the GENERAL INSTRUCTIONS section of this label.
DO NOT apply when wind speed is less than 3 or more than 20 kilometres per hour, as measured at the application site.
DO NOT apply during surface temperature inversion conditions at the application site.
Users of this product **MUST make an accurate written record** of the details of each spray application within 24 hours following application, and must **KEEP** this record for at least 2 years. The spray application details that must be recorded are: **1** date with start and finish times of application; **2** location address and paddock(s) sprayed; **3** full name of this product; **4** amount of product used per hectare and number of hectares applied to; **5** crop or situation and weed or pest; **6** wind speed and direction during application; **7** air temperature and relative humidity during application; **8** nozzle brand, type, spray angle, nozzle capacity and spray system pressure measured during application; **9** name and address of person applying this product. (Additional record details may be required by the state or territory where this product is used.).

MANDATORY NO-SPRAY ZONES WHEN USED IN SUGARCANE

DO NOT apply if there are aquatic and wetland areas including aquacultural ponds, surface streams and rivers within 5 metres downwind from the application area.
DO NOT apply if there are sensitive crops, gardens, landscaping vegetation, protected native vegetation or protected animal habitat within **120 metres** downwind from the application area.

Valor 500 WG Herbicide applied to enhance knockdown in mixtures with non-selective herbicides, eg. paraquat, glufosinate and also atrazine			
CROP / SITUATION	**WEEDS CONTROLLED**	**RATE**	**CRITICAL COMMENTS**
Sugarcane Plant – after filling in or Ratoons To enhance knockdown of vines and broadleaf	**Broadleaf and vines** < 9 leaf stage. Including: Calopo, Wild rose Square weed/Borreria Billygoat weed/Bluetop Pig weed, Sicklepod Common sida, Spider flower Amaranthus Ipomoea spp , Including Pink convulvlus, Red convulvulus, Bell vine, Morning glory, Star of Bethlehem	90 – 120g/ha Valor 500 WG plus the label rate of tank mix partner plus an adjuvant	Apply Valor 500 WG herbicide as a directed spray to the base of the cane plants. Non ionic surfactants may be used but addition of a crop oil concentrate such as Hasten may give a better result. If Calopo or Sicklepod are present then the addition of atrazine may improve knockdown. To ensure knockdown in vines the growing tip needs to be sprayed. Valor 500 WG also enhances the knockdown of glyphosate on broadleaved weeds and vines, but great care must be taken not to allow glyphosate to drift on to cane.

2. SUGARCANE *(Continued)*

Valor 500 WG Herbicide applied to provide enhanced knockdown and long term residual weed control			
CROP / SITUATION	**WEEDS CONTROLLED**	**RATE**	**CRITICAL COMMENTS**
Sugarcane Plant – after filling in or Ratoon - no trash blanket. Bare soil situations in higher rainfall areas such as wet tropics or with supplementary irrigation Enhanced knockdown of vines and broadleaf and residual control of vines, broadleaf and grasses	Broadleaf and vines < 9 leaf stage Including: Calopo Fleabane Blackberry nightshade Wild rose Square weed/Borreria Billygoat weed/Bluetop Balsam pear Pig weed Giant pigweed Milkweed Sicklepod Common sida Spider flower Amaranthus Ipomoea spp. Pink convolvulus Red convolvulus Morning glory Star of Bethlehem Grasses Summer grass Green summer grass Feather top - Rhodes grass Barnyard grass Crowsfoot	350 – 560g/ha	Apply Valor 500 WG herbicide as a directed spray to the base of the cane plants. If existing weeds are present at the 2 – 8 leaf stage then non-selective herbicides eg. Paraquat should be added to ensure adequate knockdown. If grasses greater than 3 leaf are present the addition of a low rate of diuron to paraquat will improve knockdown. If Calopo or Sicklepod are present then the addition of atrazine may improve knockdown. Non ionic surfactants may be used but addition of a crop oil concentrate such as Hasten will generally give a better knockdown result. Valor 500 WG also enhances the knockdown of glyphosate on broadleaved weeds and vines and then provides on going residual control, but great care must be taken not to allow glyphosate to drift on to cane. A minimum of 200L/ha of spray mixture is recommended. Valor 500 WG herbicide should be applied to moist soil and needs follow up rain or irrigation of at least 15mm within 3 weeks to ensure continued good control particularly on trash Efficacy may be reduced by: - Soil movement - Very thick trash - Flood irrigation or flood water moving top soil or trash - Long dry conditions after rain or irrigation In these situations reliability may be improved by adding a lower rate of Valor 500 WG to other more water soluble herbicides that move further down in the soil profile such as: S-metolachlor, metolachlor or atrazine.
Sugarcane Ratoon with trash blanket, or Plant and ratoon with bare soil with low rainfall and flood irrigation eg. Burdekin area Enhanced knockdown of vines and broadleaf and residual control of vines, broadleaf and grasses		560 – 700g/ha	

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

WITHHOLDING PERIODS:

CEREAL GRAINS (WHEAT, BARLEY, OATS, MAIZE AND SORGHUM), PULSES (LUPINS, CHICKPEAS, FABA BEANS, FIELD PEAS, LENTILS AND MUNGBEANS), OILSEEDS (SOYBEANS AND SUNFLOWERS) AND COTTON:

GRAZING:

DO NOT ALLOW LIVESTOCK TO GRAZE VEGETATION PRESENT AT TIME OF TREATMENT FOR 2 WEEKS AFTER APPLICATION.

DO NOT GRAZE OR CUT CROPS PLANTED FOLLOWING TREATMENT FOR STOCK FOOD FOR 6 WEEKS AFTER APPLICATION.

HARVEST:

NOT REQUIRED WHEN USED AS DIRECTED.

SUGARCANE:

DO NOT HARVEST FOR 22 WEEKS AFTER APPLICATION.

DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 22 WEEKS AFTER APPLICATION.