

# CAUTION

KEEP OUT OF REACH OF CHILDREN

READ SAFETY DIRECTIONS BEFORE OPENING OR USING



# Krismat<sup>®</sup> WG

**HERBICIDE**



**ACTIVE CONSTITUENTS: 731.5 g/kg AMETRYN  
18.5 g/kg TRIFLOXYSULFURON SODIUM**

**GROUP B|C HERBICIDE**

*For the control of certain broadleaf weeds and the suppression of certain grasses, nutgrass and sour grass in Sugarcane as per Directions for Use*

**5 kg NET**

**Syngenta Crop Protection Pty Limited**  
Level 1, 2-4 Lyonpark Road, North Ryde NSW 2113

*In a transport emergency dial 000, Police or Fire Brigade  
For specialist advice in an emergency only,  
call 1800 033 111 (24 hours)*

**APVMA Approval No: 57834/5/0807  
SCPEL 1512 0207 227303  
UN-Free**

**syngenta<sup>®</sup>**

## DIRECTIONS FOR USE

### Restraints

DO NOT apply by air.  
DO NOT apply more than 2 applications per year.  
DO NOT apply to waterlogged soil.  
DO NOT apply when the crop is stressed.  
DO NOT apply in the final ratoon.  
DO NOT plant crops other than sugarcane within 24 months of an application of KRISMAT.  
DO NOT apply if heavy rain is forecast within the next 48 hours.  
DO NOT irrigate treated areas within the next 48 hours of application.

Crop	Weeds	Rate	Critical Comments
Sugarcane - plant and ratoon	Bellvine ( <i>Ipomea plebeia</i> ) Blue top (billygoat weed) ( <i>Ageratum houstonianum</i> and <i>A. conyzoides</i> ) Calopo ( <i>Calopogonium mucunoides</i> ) Giant pigweed ( <i>Trianthema portulacastrum</i> ) Knob weed ( <i>Hypxis capitata</i> ) Red convolvulus ( <i>Ipomea hederifolia</i> ) Red pigweed ( <i>Portulaca oleracea</i> ) Sensitive weed ( <i>Mimosa pudica</i> ) Volunteer peanuts Wild rose (spiny spider flower) ( <i>Cleome aculeata</i> )  Suppression of: Nutgrass ( <i>Cyperus spp.</i> ) Barnyard grass ( <i>Echinochloa spp.</i> ) Summer grass ( <i>Digitaria ciliaris</i> ) Sour grass ( <i>Paspalum conjugatum</i> ) Townsville lucerne ( <i>Stylosanthes humilis</i> )	1.5 to 2.0 kg/ha plus Agral® at 250 mL/ 100 L	Apply post-emergent as a broadcast spray over-the-top of sugarcane up to the 6 leaf stage, or as a directed spray for older sugarcane or sugarcane varieties sensitive to ametryn. Good spray coverage of emerged weeds is essential. Spray when broadleaf weeds are at the 2 to 6 leaf stage and grasses are at the 3 leaf to early tillering stage. Use the higher rate when weeds are at the upper end of the specified growth stage range, on dense weed infestations or heavy soil types. Apply when weeds are actively growing. Apply to moist soil when follow up rainfall is expected within 10 days. Contact of KRISMAT on the foliage of some cane varieties sensitive to ametryn may cause short term yellowing. Apply a partially directed spray to minimise contact of the spray with sensitive cane plants.

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

### WITHHOLDING PERIODS

Harvest: DO NOT HARVEST FOR 4 WEEKS AFTER APPLICATION  
Grazing: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 4 WEEKS AFTER APPLICATION

### GENERAL INSTRUCTIONS

#### Uses

KRISMAT WG Herbicide is a water dispersible granular herbicide for the control of certain broadleaf weeds and suppression of certain grass weeds, nutgrass and sour grass in sugarcane.

#### Mixing

This product mixes readily with water, no pre-mixing is required.  
This product must be mixed with water and applied by suitable spray equipment.  
1. Fill vat no more than 25% full with clean water before adding KRISMAT. Begin agitating vat contents vigorously and continue agitation during entire mixing and spraying operations.  
2. Pour required amount of KRISMAT steadily into vat. Allow vigorous bypass agitation to completely disperse product. DO NOT dump product into vat all at once.  
3. After adding required quantity of KRISMAT and obtaining complete dispersion, continue to fill vat to desired level for spraying. Thorough agitation (preferably mechanical) of the spray liquid is essential during the addition of the product and during the entire spraying operation. Recirculate if left to stand.

N.B. Spray solution should NOT be left standing in the vat overnight.

#### Application

Apply as a directed or over-the-top spray by ground application only. May be applied as an over-the-top spray for young cane not greater than 6 leaf stage, or as a directed spray for older cane or cane varieties sensitive to ametryn. Ensure thorough spray coverage of weeds. As a guide a minimum water volume of 150 L/ha should be applied. Avoid overlapping of boom runs.

#### Sprayer Cleanup

Thoroughly clean spray equipment using the following procedure when you have finished spraying highly active materials such as sulfonylurea products. Start with a thoroughly cleaned sprayer before beginning the next job.

1. Mix only as much spray solution as needed. Immediately after spraying, clean equipment thoroughly using this procedure. Wear appropriate protective clothing.  
As a first step, flush tank, hoses, spray equipment and nozzles with clean water.
2. Prepare a cleaning solution of 300 mL of household chlorine bleach (containing 4% chlorine) per 100 L of water. Ensure bleach used is fresh as it can degrade significantly over time resulting in a reduction in cleaning ability.
3. When available, use a pressure washer to clean the inside of the spray tank with this solution. Take care to wash all parts of the tank, including the inside top surface and lid.
4. Completely fill the sprayer with the cleaning solution to ensure contact of the cleaning solution with all internal surfaces of the tank and plumbing. Start agitation in the sprayer and thoroughly recirculate the cleaning solution for at least 15 minutes. All visible deposits must be removed from the spraying system and in cases where there is the possibility of heavy build up of residues the cleaning solution may need to be left in the tank for extended periods to ensure adequate decontamination of the tank.
5. Flush hoses, spray lines and nozzles for at least 1 minute with the cleaning solution.
6. Dispose of rinsate from steps 1 to 5 in an appropriate manner.
7. Repeat steps 2 to 5.
8. Remove nozzles, screens and strainers and clean separately in the cleaning solution after completing the above procedures. Be careful with filters, as they are a main source of contamination.
9. Rinse the complete spraying system with clean water.

The above method is only effective if the cleaning solution comes into contact with every surface or contact point that may contain even minute sulfonylurea herbicide residues. In some spray equipment this may not be physically possible and hence it may be advisable to use a different sprayer that has not been used to spray sulfonylurea herbicides when spraying sensitive crops such as legumes.

#### Compatibility

KRISMAT WG may be mixed with Gesaprim® 600 SC, Gesaprim Granules and diuron. As formulations of other manufacturers' products are beyond the control of Syngenta Crop Protection, and water quality varies with location, all mixtures should be tested prior to mixing commercial quantities.

### Resistant Weeds Warning GROUP BC HERBICIDE

KRISMAT WG Herbicide is a member of the sulfonylurea and triazine groups of herbicides and has the ALS inhibitor and photosystem II photosynthesis inhibitor modes of action. For weed resistance management this product is a Group B and C herbicide. Some naturally occurring weed biotypes resistant to KRISMAT WG Herbicide and other sulfonylurea and triazine 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 KRISMAT WG Herbicide or other Group B or C herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Syngenta Crop Protection Pty Limited accepts no liability for any losses that may result from the failure of KRISMAT WG Herbicide to control the resistant weeds. Advice as to strategies and alternative treatments that can be used should be obtained from your local supplier, consultant, local Department of Agriculture, Primary Industries Department or a Syngenta representative.

### PRECAUTIONS

**Re-entry Period:** DO NOT enter treated areas until 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.

### PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

This product is very highly toxic to non-target plants including aquatic plants. DO NOT apply under weather conditions or from spraying equipment that may cause spray to drift over nearby susceptible plants or crops, cropping lands or pastures. All applications should be made in accordance with the Best Management Practices for sugarcane.

DO NOT apply unless there is a 30 metre downwind buffer distance between the treated areas and native vegetation, including mangroves.

After spraying, the first flush irrigation tailwater or stormwater run-off from land treated with KRISMAT WG Herbicide should be prevented from entering waterways. Where farms do not have the capacity to retain run-off, DO NOT irrigate to the point of run-off for at least 6 days after application.

DO NOT use on slopes >5% if soil erosion measures are not in place.

### PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Dangerous to fish. DO NOT contaminate streams, rivers or waterways with the chemical or used containers.

DO NOT apply this product within 20 m of any waterway, waterbody or other aquatic area.

DO NOT use in channels and drains.

DO NOT apply under meteorological conditions or from spraying equipment which could be expected to cause drift of this product or spray mix into adjacent areas, particularly wetlands, waterbodies or watercourses.

### STORAGE AND DISPOSAL

Store in the closed, original container in a dry, cool, well ventilated area out of direct sunlight. Single rinse before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on site. Puncture and bury empty containers in a local authority 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 irritate the eyes and skin. Avoid contact with eyes and skin. Repeated exposure may cause allergic disorders. Sensitive workers should use protective clothing.

When opening the container, preparing spray and using the prepared spray, wear:

- cotton overalls buttoned to the neck and wrist (or equivalent clothing)
- a washable hat
- elbow-length PVC gloves

After each day's use wash gloves and contaminated clothing.

### FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone 131 126.

### MATERIAL SAFETY DATA SHEET

If additional hazard information is required refer to the Material Safety Data Sheet. For a copy phone 1800 067 108 or visit our website at [www.syngenta.com.au](http://www.syngenta.com.au)

### MANUFACTURER'S WARRANTY AND EXCLUSION OF LIABILITY

Syngenta has no control over storage, handling and manner of use of this product. Where this material is not stored, handled or used correctly and in accordance with directions, no express or implied representations or warranties concerning this product (other than non-excludable statutory warranties) will apply. Syngenta accepts no liability for any loss or damage arising from incorrect storage, handling or use.

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Batch Number	
Date of Manufacture	



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