

# READ SAFETY DIRECTIONS BEFORE OPENING OR USING



## SPRAY ADJUVANT

**Active Constituent:** 600 g/L NONYL PHENOL ETHYLENE OXIDE CONDENSATE NON-IONIC ORGANIC SURFACTANT

For use with insecticides, fungicides and herbicides

APVMA Approval No: 54116/0501

Pack size: 5 L, 20 L

## DIRECTIONS FOR USE

### HORTICULTURAL SPRAYS

Add AGRAL at 10 mL per 100 L of spray (2 mL per 15 L knapsack). AGRAL is recommended for addition to all horticultural sprays except those known to include adequate wetting agent in the formulation.

Increased activity will be obtained by increasing the rate for waxy leafed plants which are normally hard to wet. It is important to spray only to the point of wetness. Excessive use of wetting agents can cause run-off of active ingredient with consequent loss of efficiency.

### HERBICIDES

AGRAL may be added to all post-emergence herbicide sprays to increase their efficacy except those which are known to contain adequate wetting agent in the formulation. Wetter should be added only where directed on individual labels, as use with selective herbicides outside label directions may reduce crop selectivity.

For foliar active herbicides, spray to the point where leaves and stems are just wet. Spraying beyond this will encourage run-off, with obvious loss of product and efficacy.

When spraying waxy or hairy leafed plants which are normally hard to wet, increased activity will be obtained by increasing the rate of AGRAL. It is important that the leaves and stems are thoroughly wetted for foliar herbicides to work efficiently, particularly when treating dense, tall vegetation.

Type of equipment	Quantity of AGRAL to add to spray
High volume power spray	12 mL/100 L
Low volume boom spray	60 mL/100 L
Misting machines	5 mL/5 L
Knapsack	2 mL/15 L

### REGLONE®

For the maximum efficacy of Reglone a higher rate of AGRAL must be used to ensure even and thorough coverage of plant foliage and to increase absorption.

Add AGRAL to Reglone sprays at the following rates, unless otherwise specified.

Type of equipment	Quantity of AGRAL to add to spray
High volume power spray	200 mL/100 L
Boom spray	200 mL/100 L
Knapsack	30 mL/15 L

### GRAMOXONE® 250

Gramoxone 250 contains wetting agents and AGRAL is only required if dilution rates are excessive, ie low chemical rates and high water rates per ha.

If Gramoxone 250 rate is less than the ratio of 400 mL per 100 L spray volume, add 100 mL AGRAL per 100 L of spray mix.

### SPRAY.SEED® 250

Spray.Seed 250 contains wetting agents and AGRAL is only required if dilution rates are high. If the spray volume is above 100 L per ha, AGRAL should be added at the rate of 200 mL/100 L of additional water.

### FUSILADE®

Use AGRAL at 350 mL per 100 L unless where specified on the Fusilade label, eg vegetables and ornamentals use 200 mL AGRAL per 100 L.

### SOIL RESIDUAL HERBICIDES

When applying soil active herbicides, eg Gesaprim Granules 900 WG Herbicide and Flowable Gesaprim 500 SC Liquid Herbicide, to standing weeds, add AGRAL to thoroughly wet foliage. Rates will range from 125 to 500 mL per 100 mL depending on product used. Consult product labels for individual recommendations.

### FIRE FIGHTING

AGRAL is an efficient aid to fire fighting. It increases the wetting power of water which assists in quick control and mopping up of fires.

Type of equipment	Quantity of AGRAL to add to spray
Water tanker	10 mL/100 L water
Knapsack	2 mL/15 L water

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

## GENERAL INSTRUCTIONS

AGRAL is a spray additive designed for use with fungicides, insecticides and herbicides. It increases wetting and improves spray coverage.

AGRAL can be used with alkaline sprays and mixes easily with all types of water. It will not injure the most tender foliage if used as directed. Spray only to the point where leaves are just wet. Spraying beyond this will encourage run-off, with obvious loss of product and efficacy.

### Mixing

AGRAL mixes easily and quickly with water and should be added direct to the spray tank. It should not be added direct to undiluted sprays containing wetting agents.

### STORAGE AND DISPOSAL

Keep out of reach of children. Store in the closed, original container in a cool, well ventilated area. DO NOT store for prolonged periods in direct sunlight.

Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on-site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush or puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 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

**Avoid contact with eyes and skin. When using the product wear:**

- cotton overalls buttoned to the neck (or equivalent clothing);
- elbow-length PVC/rubber gloves; and
- goggles.

### FIRST AID

If poisoning occurs contact a doctor or Poisons Information Centre. Phone 131 126. If swallowed, DO NOT induce vomiting. Give a glass of water.

(continued)



## **GENERAL INSTRUCTIONS – *continued***

### **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**

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