



On Coarse® DRA



**KEEP OUT OF REACH OF CHILDREN  
READ SAFETY DIRECTIONS**

**OD**

FORMULATION TYPE  
**Oil-based Suspension  
Concentrate**

**ACTIVE CONSTITUENT:**

98g/L POLYGALACTOMANNAN  
HYDROXY PROPYL ETHER

**CONTENTS:**

1 L, 5 L, 10 L, 20 L, 100 L,  
110 L, 205 L, 1000 L



**An adjuvant for use with knockdown herbicides to reduce the fine droplet fraction considered to be at high risk of drift from ground based spray boom application.**

**An adjuvant to improve the performance of knockdown herbicides.**

**SAFETY DIRECTIONS**

Harmful if inhaled. Will damage eyes. Will irritate the skin. **DO NOT** inhale vapour. Avoid contact with eyes and skin. If product in eyes, wash it out immediately with water. If product on skin, immediately wash area with soap and water. When using together with other products, consult their label safety directions. When opening the container and preparing the spray wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and a washable hat, elbow-length chemical resistant gloves, goggles and a half facepiece respirator. Wash hands after use. After each day's use, wash gloves, contaminated clothing and respirator and if rubber wash with detergent and warm water.

**FIRST AID INSTRUCTIONS**

First aid is not generally required. If in eyes, seek immediate medical advice. If in doubt, contact a Poisons Information Centre (e.g. phone Australia 13 11 26; New Zealand 0800 764 766 or a doctor).

**SAFETY DATA SHEET**

Additional information is listed in the Safety Data Sheet that can be obtained from [www.fmccrop.com.au](http://www.fmccrop.com.au)

**GENERAL INSTRUCTIONS**

On Coarse® DRA is an adjuvant for knockdown herbicides for application by ground rig through coarse-and-larger spray quality rated nozzles (ASABE 572.1).

- On Coarse® DRA reduces (but does not eliminate) fine droplet (<200µm) production through nozzles rated coarse, very coarse, extremely coarse and ultra-coarse.
- When used at the high label rate, On Coarse DRA typically ensures a very coarse spray quality is produced by a nozzle with that ASABE 572.1 rating, overcoming the fining effect some tank mixes have on spray quality.
- Use of On Coarse® DRA is not a substitute for other good spraying practices. Consult GRDC Spray Application Manual for Grain Growers, Module 4 – Drift Management Strategies. When spraying, ensure at least the following recommendations are followed:
  - the labels of all sprayed chemicals are adhered to
  - the spray rig is set up to deliver the coarsest, effective droplet size for the chemical being applied
  - no spraying is done in inversion conditions

- the spray boom is used at the lowest height that still allows double overlap of spray from adjacent nozzles and
- tractor speed during application is as low as practical.

**MIXING INSTRUCTIONS**

Always use the highest quality water available e.g. rain water. Test water source regularly through the spraying season for hardness, bicarbonates, pH and salinity. If required, treat water with conditioning agents compatible with the herbicides to be used.

On Coarse® DRA is a viscous, very hazy oily liquid formulation. Inspect On Coarse® DRA and remix before use if some separated oil is visible at the surface of the pack's contents, unless entire contents of pack are to be used in one tank.

**DO NOT** add any herbicides to the spray tank until at least 70% of the intended water volume has been added and all conditioning agents have been fully dissolved. When using glyphosate, add it next and fully disperse. Then add On Coarse® DRA and fully mix. When using paraquat, add On Coarse® DRA before the paraquat. Agitation may be required to initially disperse On Coarse® DRA but once mixed it will form a stable emulsion. Finally, add any other herbicide mixing component and top up to final water volume. Maintain agitation or recirculation during application. Follow herbicide label

instructions for advice on tank mixtures left to stand unsprayed for a period of time.

#### **APPLICATION EQUIPMENT**

On Coarse® DRA has been tested with a wide range of nozzles used in conventional ground-rig boom equipment. Testing with more recent application technologies e.g. air-shear; pulse width modulation etc has not been performed. Testing through aerial application techniques has not been performed.

#### **PROTECTIONS OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT**

**Harmful to fish and toxic to aquatic invertebrates. DO NOT** contaminate streams, rivers, wetlands or watercourses with the chemical or used containers.

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

Avoid spray drift and vapor movement onto susceptible crops such as cotton, vines, tomatoes, vegetables, fruit trees, Lucerne, legume crops and pastures, oilseed crops or other susceptible crops or trees (e.g. kurrajons, belahs, eucalypts).

#### **STORAGE AND DISPOSAL**

Store in the closed, original container in a dry, cool, well-ventilated area out of direct sunlight.

If not recycling, break, crush, or puncture 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.

This container can be recycled if it is clean, dry, free of visible residues and has the **drumMUSTER** logo visible. Triple-rinse container for disposal. Dispose of rinsate by adding it to the spray tank. **DO NOT** dispose of undiluted chemical on site. Wash outside of the container and the cap. Store cleaned container in a sheltered place with cap removed. It will then be acceptable for recycling at any **drumMUSTER** collection or similar container management program site. The cap should not be replaced but may be taken separately.

## DIRECTIONS FOR USE

On Coarse® DRA is an adjuvant of tank mixtures containing glyphosate and can be used instead of soya phospholipid type adjuvants to enhance the performance of the herbicide tank mixes listed in the directions for use table. When used according to the directions for use, On Coarse® DRA will significantly reduce the driftable fraction of the spray droplets produced by pre-orifice (e.g. TeeJet TT110), low-pressure air induction (e.g. Hardi Minidrift Duo, Teejet AIXR) and high-pressure air induction nozzles (e.g. TeeJet AI, TTI) when used in conventional boom spray set-ups.

### SPRAY DRIFT RESTRAINTS

Specific definitions for terms used in this section of the label can be found at [apvma.gov.au/spraydrift](http://apvma.gov.au/spraydrift).

**DO NOT** allow bystanders to come into contact with the spray cloud.

**DO NOT** apply with aircraft.

**DO NOT** apply to crops except as directed in the directions for use table.

**DO NOT** apply in a manner that may cause an unacceptable impact to native vegetation, agricultural crops, landscaped gardens and aquaculture production, or cause contamination of plant or livestock commodities, outside the application site from spray drift. Wherever possible, correctly use application equipment designed to reduce spray drift and apply when the wind direction is away from these sensitive areas.

**DO NOT** apply unless the wind speed is between three and 20 kilometres per hour at the application site during the time of application.

**DO NOT** apply if there are hazardous surface temperature inversion conditions present at the application site during the time of application. Surface temperature inversion conditions exist most evenings one to two hours before sunset and persist until one to two hours after sunrise.

Situation	Herbicides	Spray conditions	On Coarse® DRA rate ml/100L	Comments
Roundup Ready Cotton Flex varieties	Glyphosate formulations registered for OTT application	According to glyphosate herbicide label	250	When applied in mixtures according to instructions on the registered glyphosate label, On Coarse® DRA will reduce fines produced by coarse to extremely coarse spray quality nozzles and may enhance weed control.
In fallow (bare ground) or prior to planting a crop or pasture	Paraquat formulations including 250 and 360g/L	<b>High risk:</b> e.g. higher travel speed or adjacent to sensitive crop	250	Use a nozzle type and size, travel speed, application pressure and volume that delivers at least a coarse spray quality (ASABE 572.1). Follow best management spraying practices for the situation*. When spraying into stubble use higher volume to increase droplet number.
		<b>Low risk:</b> e.g. daytime in appropriate wind speed	125- 250	Use a nozzle type and size, travel speed, application pressure and volume that delivers at least a medium spray quality (ASABE 572.1). Follow best management spraying practices for the situation*. When spraying into stubble use higher volume to increase droplet number and coverage.
	Tank mixes containing glyphosate including with: 2,4-D amine; 2,4-D LVE; Triclopyr; Fluroxypyr; Haloxypop methyl; Carfentrazone ethyl (Hammer); metsulfuron methyl;	<b>High risk:</b> e.g. higher travel speed or adjacent to sensitive crop	250	Use a nozzle type and size, travel speed, application pressure and volume that delivers an extra coarse or ultra-coarse spray quality (ASABE 572.1). Follow best management spraying practices for the situation*. When spraying into stubble use higher volume again to increase droplet number
		<b>Low risk:</b> e.g. daytime in speed.	125 - 250	Use a nozzle type and size, travel speed, application pressure and volume that deliver at least a coarse spray quality. When mixing with 2,4-D apply with a minimum VC spray quality (ASABE 572.1). Follow best management spraying practices for the situation*. When spraying into stubble use higher volume to increase droplet number and coverage.
For control of weeds under and between tree and vine crops		<b>Follow directions on herbicide label</b>	250	Use a nozzle type and size, travel speed, application pressure and volume that deliver an extra coarse or ultra-coarse spray quality (ASABE 572.1). Follow best management spraying practices for the situation*.
NON-AGRICULTURAL AREAS around buildings, commercial and industrial areas, domestic and public service areas, rights-of-way, roadsides, railway tracks, fire trails, fence lines, playing fields, parks and gardens.			125 - 250	Apply according to herbicide label. Use high rate of On Coarse® DRA for very sensitive situations. Follow best management spraying practices for the situation*.

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

\* e.g. GRDC Spray Application Manual for Grain Growers, Module 4 – Drift Management Strategies

^ For improved herbicide weed kill use 250 ml/100 L rate. The inclusion of spray grade ammonium sulphate at recommended rates may further assist in control of summer grass weeds such as awnless barnyard grass.

## **NOTICE TO BUYER**

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The product must be used and applied strictly in accordance with the label instructions and other directions for use. It is impossible to eliminate all risks associated with the use of this product. Such risks may arise from factors such as weather conditions, soil factors, off target movement, unconventional technique, presence of other materials, the manner of use or application, or other unknown factors, all of which are beyond the control of FMC or the Seller. Buyer accepts these risks.

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### **IN A MEDICAL EMERGENCY CALL 1800 033 111 ALL HOURS**

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