



Company Name: COTTON GROWERS SERVICES PTY LTD
Product Name: CGS Dropp Liquid Cotton Defoliant
APVMA Approval No: 81998/132349

Label Name:	CGS Dropp Liquid Cotton Defoliant
Signal Headings:	READ SAFETY DIRECTIONS BEFORE OPENING OR USING
Constituent Statements:	ACTIVE CONSTITUENT: 500 g/L THIDIAZURON
Mode of Action:	
Statement of Claims:	For the defoliation of Cotton prior to harvest as specified in the Directions for Use table.
Net Contents:	5 L - 20 L
Restraints:	DO NOT apply CGS Dropp Liquid when night temperatures fall below 12°C. DO NOT apply CGS Dropp Liquid following application of sodium chlorate, magnesium chlorate or diquat.
Directions for Use:	This section contains file attachment.
Other Limitations:	
Withholding Periods:	WITHHOLDING PERIODS: COTTON PROCESSING: NOT REQUIRED WHEN USED AS DIRECTED. GRAZING/COTTON TRASH: DO NOT GRAZE TREATED AREAS OR FEED COTTON TRASH TO LIVESTOCK.

Trade Advice:	EXPORT OF TREATED PRODUCE: Growers should note that suitable MRLs or important tolerances may not be established in all markets for produce treated with CGS Dropp Liquid. If you are growing produce for export, please check with Cotton Growers Services Pty. Ltd. for the latest information on MRLs and import tolerances BEFORE using CGS Dropp Liquid
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General Instructions:	This section contains file attachment.
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Resistance Warning:	
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Precautions:	<p>PRECAUTIONS</p> <p>DO NOT use human flagging unless flaggers are protected by engineering controls such as vehicles with cabs.</p> <p>Re-entry Period: DO NOT allow entry into treated areas until spray has dried. When prior entry is necessary, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant gloves. Clothing must be laundered after each day's use.</p>
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Protections:	<p>PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS</p> <p>DO NOT allow spray drift to contact trees or crops other than cotton, as this product may injure or defoliate other crops, particularly citrus, grapevines and lettuce.</p> <p>To help reduce drift damage potential:</p> <ul style="list-style-type: none"> • DO NOT apply CGS Dropp Liquid by air when citrus in flush is within 8 km downwind from the point of application. • DO NOT apply CGS Dropp Liquid by air when within 800 m of lettuce. <p>In addition:</p> <ul style="list-style-type: none"> • DO NOT plant lettuce or carrots in cotton fields where CGS Dropp Liquid has been applied within the previous 9 months. • DO NOT plant legumes, lucerne, other root crops or leafy vegetables (besides those noted above) in cotton fields where CGS Dropp Liquid has been applied within the previous two months. • DO NOT plant small grains, sorghum or corn in cotton fields where CGS Dropp Liquid has been applied within the previous two weeks. <p>PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT</p> <p>DO NOT contaminate streams, rivers or waterways with the chemical or used containers.</p>
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Storage and Disposal:	<p>STORAGE AND DISPOSAL</p> <p>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 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 a designated collection point. 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.</p>
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Safety Directions:	SAFETY DIRECTIONS May irritate the eyes. Avoid contact with eyes. When opening the container and preparing spray, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and elbow-length PVC gloves. After each day's use, wash gloves and contaminated clothing. Wash hands after use.
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First Aid Instructions:	FIRST AID If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26.
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First Aid Warnings:	
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DIRECTIONS FOR USE (For use in Qld, NSW, WA only):

CROP/SITUATION	DEFOLIATION CONDITIONS	RATE/HA	CRITICAL COMMENTS
Cotton Defoliation – first or second spray	<p>Ideal Conditions are hot to warm (30 to 35°C daytime temperature) and the crop is ready to be defoliated with natural senescence already occurring. Nitrogen and water are almost depleted and there is little or no top growth. A good fruit load is set.</p>	50 to 100 mL plus the label rate indicated of D-C-Tron† Cotton Spray Oil	<p>Apply the first spray to cotton, which has been grown under good (non-stressed) conditions and is physiologically mature i.e., when the top harvestable boll is mature. Application made prior to boll maturity may result in yield and quality reductions.</p> <ul style="list-style-type: none"> • Use the lower rates of 50 to 75 mL/ha only under warm early season conditions. • Use the higher rate for denser canopies or to provide a faster response. • A second spray 7 to 10 days later of either CGS Dropp Liquid or an alternative harvest aid may be required.
	<p>Good Conditions are warm (25 to 30°C daytime temperature) and the crop is ready to be defoliated. Nitrogen and water are low and there is little or no new growth and a good fruit load is set.</p>	100 to 150 mL plus the label rate indicated of D-C-Tron† Cotton Spray Oil	Apply as above, but use these rates under good conditions.
	<p>Average Conditions are; (i) warm but night temperatures are dropping to 12°C (not below) and the crop is physiologically ready to defoliate or; (ii) temperature is still hot/warm but the crop is not physiologically ready to senesce.</p>	150 to 200 mL plus the label rate indicated of D-C-Tron† Cotton Spray Oil	Apply as above, but use these rates under average conditions.
	<p>Cold Night temperatures fall below 12°C and/or mean day/night temperatures fall below 18°C.</p>	–	DO NOT apply CGS Dropp Liquid under cold conditions.

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

GENERAL INSTRUCTIONS

CGS Dropp Liquid is an odourless, non-corrosive defoliant/harvest aid. After treatment with CGS Dropp Liquid, leaves fall while still green so that there is minimal dry leaf trash to contaminate fibre or interfere with harvesting. Maximum defoliation occurs 7 to 21 days following application of CGS Dropp Liquid. Good control of regrowth is seen when CGS Dropp Liquid is used at rates over 100 mL/ha. Defoliation will be slower under average conditions, or when the crop is not physiologically mature.

Note: Rainfall within 24 hours after application will reduce the effectiveness of CGS Dropp Liquid; retreatment may be necessary. Defoliation of crops with moderate to high levels of nitrogen remaining in the soil are more prone to leaf freezing than crops that have depleted soil nitrogen. Tank mixes of CGS Dropp Liquid with organophosphates may form a residue in application equipment. While still fresh and moist, this residue is easily removed by flushing the entire system with a commercial tank cleaner. DO NOT allow the spray solution to dry in the application equipment. Immediately following application, flush and rinse equipment (mix tanks, pumps, transfer lines, application tanks, sumps, booms, nozzles and all related equipment) thoroughly with detergent and water. Should any residue of CGS Dropp Liquid remain in the sprayer system, it may be released during subsequent applications of other products causing damage to crops.

MIXING

SHAKE WELL BEFORE OPENING. Add the required amount of CGS Dropp Liquid straight into the partly filled spray tank or mixing vat with agitator running, followed by D-C-Tron[†] Cotton Spray Oil, then add the rest of the water. Keep mixture agitated while spraying. Use only freshly prepared sprays.

DO NOT store spray mixture overnight. When tank mixing with emulsifiable concentrates (EC), add the CGS Dropp Liquid to the 3/4 filled spray tank or mixing vat and agitate thoroughly. With agitator running, then add the EC product, followed by the D-C-Tron[†] Cotton Spray Oil. Keep mixture agitated while spraying.

APPLICATION

Apply as a uniform spray ensuring thorough coverage of the whole plant.

EQUIPMENT

Aircraft: Apply by aircraft in 20 to 40 L/ha spray mixture and ensure thorough coverage. A steady cross wind is recommended for best penetration. DO NOT exaggerate swath width.

Ground Sprayers: Standard boom sprays are recommended and must be fitted with mechanical or by-pass agitation. Use sufficient water to obtain complete coverage of all leaves, i.e. at least 90 to 100 litres of water per hectare. Good coverage should be obtained with three or more nozzles per row depending upon crop height and canopy density.

A nozzle configuration including droppers will give maximum coverage in dryland crops with particular care being taken to ensure thorough but even coverage. Overdosing on some plant parts e.g., nozzle overlap along the sides of plants may cause localised leaf freezing. If band spraying dryland crops, care should be taken when calculating the actual applied rate of CGS Dropp Liquid per sprayed hectare.

COMPATIBILITY

CGS Dropp Liquid is compatible in tank mixtures with ethephon, dimethoate and parathion.

Caution: When tank mixed with glyphosate, a higher proportion of cotton leaf may be retained (freezing). DO NOT use this mixture on stressed cotton, particularly drought affected cotton.
