

POISON

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

Nufarm CottonQuik[®] cotton harvest aid

ACTIVE CONSTITUENT: 275 g/L ETHEPHON (an anticholinesterase compound)
873g/L AMINO METHANAMIDE DIHYDROGEN TETRAOXOSULFATE (AMADS)

For accelerated boll opening and enhanced defoliation of cotton.

READ COMPLETE DIRECTIONS FOR USE BEFORE USING THIS PRODUCT

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DIRECTIONS FOR USE

Qld, NSW and WA only

APVMA Approval No.: 59506/58858

RESTRAINTS

DO NOT apply if rain is expected within 8 hours.

DO NOT apply if cotton bolls have been burnt by frost.

DO NOT pretreat with a desiccant (chlorate) before using CottonQuik[®].

SITUATION	RATE	CRITICAL COMMENTS
Defoliation	2- 3L/ha plus label rates of Thidiazuron based product ie: Reveal Liquid at 50-200mL/ha	Use in tankmix with Thidiazuron based product, ie: Reveal Liquid. Apply when the top harvestable boll is mature. CottonQuik [®] will enhance the performance of Thidiazuron. Use the higher rates of CottonQuik [®] and Thidiazuron based product under cold conditions [#] or where faster rates of defoliation are required. This mixture will provide some boll opening, however a subsequent application of CottonQuik [®] will be required to complete boll opening. DO NOT use Thidiazuron plus Diuron based products. DO NOT use Crop Oil Concentrates ie: DC Tron.
Boll opening	2L/ha	Use this rate following initial application of a defoliant where adequate leaf drop has been achieved, and boll opening is the major requirement for harvest preparation. The canopy must be sufficiently open to achieve coverage of harvestable, unopened bolls. Apply when the top harvestable boll is mature. DO NOT use Crop Oil Concentrates.
Boll opening and supplementary defoliation	2-3L/ha plus label rates of Thidiazuron based product ie: Reveal Liquid at 50-200mL/ha	This tankmix should be used following initial application of a defoliant, where leaf drop has been inadequate. Use this tankmix where supplementary defoliation and boll opening are the major requirements for harvest preparation. CottonQuik [®] will enhance the performance of Thidiazuron. Use the higher rates for stressed plants, rank growth or adverse cool conditions [#] . The canopy must be sufficiently open to achieve coverage of harvestable, unopened bolls. Apply when the top harvestable boll is mature. DO NOT use Thidiazuron plus Diuron based products. DO NOT use Crop Oil Concentrates.

[#] Definition of cold conditions = where night temperatures below 12°C and/or mean day/night temperatures fall below 18°C.

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

WITHHOLDING PERIODS**COTTON PROCESSING – DO NOT HARVEST FOR 1 DAY AFTER APPLICATION****GRAZING/COTTON TRASH – DO NOT GRAZE TREATED AREAS OR FEED COTTON TRASH TO LIVESTOCK****GENERAL INSTRUCTIONS****COMPATIBILITY**

DO NOT mix with desiccants containing sodium chlorate as this could result in emission of toxic chlorine fumes. CottonQuik® may be tank-mixed with Thidiazuron based products. Since the formulations of other products are beyond the control of Nufarm, tank mixtures should be tested before commercial use. CottonQuik® is compatible with Nufarm Reveal® Liquid Cotton Defoliant.

MIXING AND APPLICATION

Half fill the spray tank with good quality water and begin agitation. While agitating, add the required volume of a Thidiazuron based product if tank mixing. Add the required volume of CottonQuik® last then fill tank to desired level with clean water. Prepare only enough spray solution for immediate use, and DO NOT allow to stand overnight. If tank mixtures are prepared maintain good agitation and use promptly.

AIRCRAFT

Apply by fixed wing aircraft in a minimum of 30L/ha water and ensure thorough coverage.

HELICOPTERS

When applying CottonQuik®/Thidiazuron tankmixes by helicopter, use the lowest rate of Thidiazuron possible.

GROUND SPRAYERS

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

EQUIPMENT CLEANING

Protective clothing should be used at all times (see Safety Directions). CottonQuik® is corrosive to acrylic plastics, certain paints and metals. Regularly flush and rinse all mixing, pumping and application equipment including aircraft external surfaces with detergent and water after use. DO NOT allow undiluted product to contact painted surfaces, spray parts or aeroplane parts. Any spills should be immediately rinsed with clean water. Dilute residues of CottonQuik® are corrosive, so neutralisation of residues and thorough rinsing of all equipment is strongly recommended. Neutralise internal residues by flushing with a solution of baking soda in water, and then rinse all interior and exterior surfaces with water. DO NOT use the baking soda solution for internal aircraft parts (turbines, hydraulics etc). Materials recommended for use with CottonQuik® include polyethylene, polypropylene, PVC, reinforced fibreglass, most rubbers and 316 stainless steel.

PROTECTION OF OTHERS

Flaggers: DO NOT use human flaggers unless protected by engineering controls such as cabs.

PROTECTION OF CROPS, NATIVE & OTHER NONTARGET PLANTS

DO NOT apply under meteorological conditions or from spraying equipment that could be expected to cause spray to drift onto nearby susceptible crops.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

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

STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well-ventilated area out of 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 deliver empty packaging for appropriate disposal to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500mm 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.

Refillable Containers (100L):

Empty contents fully into application equipment. Close all valves and return to point of sale for refill or storage.

SAFETY DIRECTIONS

Harmful if swallowed. Corrosive. Attacks eyes. Will damage skin. Avoid contact with eyes and skin. Will irritate the nose and throat. Repeated minor exposure may have a cumulative poisoning effect. DO NOT inhale spray mist. When opening the container and preparing the spray, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), elbow length PVC gloves and face shield or goggles. If clothing becomes contaminated with product or wet with spray remove clothing immediately. If product or spray on skin, immediately wash area with soap and water. If product or spray in eyes, wash it out immediately with water. Wash hands after use. After each day's use, wash gloves, face shield or goggles and contaminated clothing. Before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water.

FIRST AID

If swallowed, DO NOT induce vomiting. Give a glass of water. If swallowed, splashed on skin or in eyes, or inhaled, contact a Poisons Information Centre (Phone Australia 131126) or a doctor at once. Remove any contaminated clothing and wash skin thoroughly. If swallowed, activated charcoal may be advised. Give atropine if instructed. If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

MATERIAL SAFETY DATA SHEET

For further information refer to the Material Safety Data Sheet (MSDS), which can be obtained from your supplier or from the Nufarm website – www.nufarm.com.au

In case of emergency: Phone 1800 033 498 Ask for shift supervisor. Toll free 24 hours.


CONDITIONS OF SALE

"Any provisions or rights under the Competition and Consumer Act 2010 or relevant state legislation which cannot be excluded by those statutes or by law are not intended to be excluded by these conditions of sale. Subject to the foregoing, all warranties, conditions, rights and remedies,

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Nufarm Australia Limited
 ACN 004 377 780
 103-105 Pipe Road
 Laverton North Victoria 3026
 Tel: (03) 9282 1000
 Fax: (03) 9282 1001

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<p>CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (Contains 18% Ethephon + 59% Aminomethanamide tetraoxosulfate)</p>	
<p>UN No. 3265</p>	
<p>HAZCHEM: 2 X</p>	
<p>IN AN EMERGENCY DIAL: 000 POLICE OR FIRE BRIGADE</p>	<p>SPECIALIST ADVICE IN EMERGENCY ONLY 1800 033 498 ALL HOURS - AUSTRALIA WIDE</p>