

CAUTION

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

PROTON[®] HERBICIDE

ACTIVE CONSTITUENT: 500 g/L PROMETRYN

GROUP C HERBICIDE

Controls early competing weeds in irrigated cotton, sunflowers
and peanuts as specified in the directions for use

CONTENTS 20 LITRES

Crop Care Australasia Pty Ltd, 77 Tingira Street, Pinkenba Qld 4008

DIRECTIONS FOR USE

RESTRAINTS:

Do NOT apply by aircraft.
Do NOT spray when dry conditions prevail.

Crop and Situation	Weeds Controlled	States	Rate/ha	Critical Comments
Irrigated cotton - pre-emergent	Barnyard grass, Bathurst burr, Bellvine, Blackberry, Nightshade, Black Pigweed, Bladder Ketmia, Boggabri weed, Caltrop (Yellow vine), Caustic weed, Common Sowthistle, Common Thornapple, Fat-Hen, Green Amaranth, Mintweed, Mossman River grass, Noogoora burr, Peach vine, Pigweed, Prickly Paddy Melon, Redroot Amaranth, Slim Amaranth, Summer grass, Wild Gooseberry	Qld, NSW only	3.3 to 4.5 L	Apply onto bare moist soil or irrigate within 3 days of spraying. Some mechanical cultivating may be required
Irrigated cotton - 15 cm high			1.1 to 2.2 L	EARLY SPRAYING - Apply as a directed spray in 220 to 440 L of water/ha when the weeds are not more than 5 cm high. Add Agral at 50 mL/100L.
Irrigated cotton - after last cultivation			2.2 to 4.5 L	LATE SPRAYING - Apply as a directed spray in 220 to 440 L of water/ha. The weeds should be actively growing and not more than 8 cm high. Add Agral at 50 mL/100L.
Peanuts - pre-emergent	Bladder Ketmia, Caltrop (Yellow vine), Common Thornapple, Green Amaranth, Pigweed, Redroot Amaranth	Sth Qld only	3 to 4 L	Apply onto bare moist soil at sowing. Rainfall or irrigation is required to move the herbicide
Sunflowers - pre-emergent	Bladder Ketmia, Caltrop (Yellow vine), Green Amaranth, Morning-glory, Pigweed, Redroot Amaranth			into the weed root zone. Sufficient rain or irrigation to thoroughly wet the soil through the weed root zone should be made or occur within 10 days of spraying. Use the higher rates on heavy soils.

THE USE OF AGRAL AT 50 mL/100L OF SPRAY SOLUTION IS RECOMMENDED ON POST EMERGENT WEEDS.

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

GENERAL INSTRUCTIONS

PROTON HERBICIDE controls many early competing broadleaf weeds in irrigated cotton when applied to the actively growing young weeds. When applied to bare soil, many common broadleaf weeds are controlled and the density of grasses is reduced.

Resistant weeds warning

Proton Herbicide is a member of the triazines group of herbicides. Proton has the inhibitor of photosynthesis at photosystem II mode of action. For weed resistance management Proton is a Group C herbicide. Some naturally occurring weed biotypes resistant to Proton and other inhibitors of photosynthesis at photosystem II mode of action 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 Proton or other inhibitors of photosynthesis at photosystem II mode of action herbicides.

Since the occurrence of resistant weeds is difficult to detect prior to use, Crop Care Australasia Pty Ltd accepts no liability for any losses that may result from the failure of Proton to control resistant weeds.

Mixing

Pour the required amount of product into a partly filled spray tank whilst vigorously agitating, making sure the by-pass reaches the bottom of the spray tank. There must be sufficient agitation to keep the mixture stirred before and during spraying, Agitate vigorously from the bottom of the spray tank if material is left to stand. When using Agral, add at recommended rates.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

DO NOT apply under weather conditions or from spraying equipment which may cause spray to drift onto nearby susceptible plants/crops, cropping lands or pastures.

DO NOT plant crops other than beans or carrots in Proton treated cotton land for at least 6 months after the cotton crop has been removed.

DO NOT plant crops other than beans, transplanted celery and carrots in areas (other than cotton lands above) within 6 months following an application of Proton at rates above 2.2 L/ha.

DO NOT add 2,4-D or MCPA if spraying cotton.

DO NOT make more than one post-emergent application per season in cotton. Severe injury to cotton plants may result if heavy rain occurs between pre-emergence application and crop emergence or shortly after post-emergence spraying and this risk must be assumed by the user.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

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

STORAGE AND DISPOSAL

Store in the closed, original container in a cool, dry, well-ventilated room or place away from children, animals, food, feedstuffs, drink containers, seed and fertilisers. 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, puncture and bury empty containers in a local authority landfill. If no landfill is available bury the containers below 500mm 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. Do not inhale spray mist. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water.

FIRST AID

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

Additional information is listed in the Material Safety Data Sheet No. 42385

Conditions of Sale

Crop Care Australasia Pty Ltd will accept no responsibility whatsoever and howsoever arising and whether for consequential loss or otherwise in connection with the supply of these goods other than responsibility for the merchantable quality of the goods and such responsibilities mandatorily imposed by Statutes applicable to the sale or supply of these goods. To the extent allowed by such Statutes the liability of Crop Care Australasia Pty Ltd is limited to the replacement of the goods or (at the option of Crop Care Australasia Pty Ltd) the refund of the price paid and is conditional upon a claim being made in writing and where possible sufficient part of the goods to enable proper examination being returned to Crop Care Australasia Pty Ltd within thirty days of delivery.

In a Transport Emergency Dial 000 Police or Fire Brigade	SPECIALIST ADVICE IN AN EMERGENCY ONLY 1800 033 111 ALL HOURS - AUSTRALIA WIDE
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Proton and Agral are Registered Trade Marks



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