

POISON

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

TRAILBLASTER HERBICIDE

ACTIVE CONSTITUENT: 224 g/L ACIFLUORFEN
(present as the sodium salt)

GROUP G HERBICIDE

For the selective control of certain broadleaf weeds and grasses in mung beans, peanuts, soybeans, green beans and seed crops of Siratro and Stylo as specified in the Directions for Use table.

Important: Read this leaflet before using this product

APVMA Approval No: 70359/63272



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DIRECTIONS FOR USE:

RESTRAINTS

DO NOT mix with oils, fertilisers or other pesticides, except where indicated.
DO NOT apply when crops or weeds are under stressed conditions.

DO NOT apply as a post-emergence treatment to hard to kill weeds when rainfall is expected within 6 hours.

CROP	WEEDS CONTROLLED	WEED SIZE	RATE	CRITICAL COMMENTS
Soybeans (Qld, NSW, WA only)	Apple of Peru, turnip weed, wild radish	Cotyledon to 2 true leaves	1.0L/ha	Apply with thorough coverage to young activelygrowing weeds
		2 to 6 true leaves	1.5 L/ha	
Peanuts (Qld, WA only)	Prince of Wales Feather, redshank, thornapple	Cotyledon to 2 true leaves	2.0 L/ha	
		2 to 6 true leaves	1.0L/ha	
Mung beans (Qld only)	Pigweed	Cotyledon to 50mm diameter	1.0L/ha	
Adzui Beans (Vigna angulatis) (All States)		50 to 100mm diameter	1.5L/ha	

CROP	WEEDS CONTROLLED	WEED SIZE	RATE	CRITICAL COMMENTS
Soybeans (Qld, NSW, WA only) Peanuts (Qld, WA only) Mung beans (Qld only) Adzui Beans (Vigna angulatis) (All States)	Annual ground cherry, wild gooseberry	Cotyledon to 4 true leaves 4 to 8 true leaves	1.0L/ha 1.5 L/ha	Apply with thorough coverage to young activelygrowing weeds
		8 leaves to 200 mm high	2.0 L/ha	
		Cotyledon to 4 true leaves		
	Blackberry nightshade, bladder ketmia, capeweed, fumitory, Noogoora burr			
	Bellvine	2 to 4 true leaves 4 to 6 true leaves	1.5L/ha 2.0 L/ha	
	Giant pigweed	Cotyledon to 2 true leaves		
	Jute	Cotyledon to 4 true leaves 4 to 6 true leaves	1.5L/ha 2.0 L/ha	

CROP	WEEDS CONTROLLED	WEED SIZE	RATE	CRITICAL COMMENTS
Soybeans (Qld, NSW, WA only) Peanuts (Qld, WA only) Mung beans (Qld only) Adzuki Beans (<i>Vigna angularis</i>) (All States)	Sesbania	Cotyledon to 200 mm high	2.0 L/ha	Apply with thorough coverage to young actively growing weeds
Mung beans (NSW only)	Bladder Ketmia, Noogoora burr	Cotyledon to 4 true leaves		
Mung beans (Qld, NSW only)	See weeds above	Apply at the weed stage listed above	1.0 L/a + Hasten at 1L/100L water (1% v/v)	Do not exceed 1 L/ha Trailblaster with this mixture.
Green beans (All States)	Pme of Wales Feather (<i>Amaranthus powellii</i>)	2 to 4 leaf stage	250 to 500 mL/ha	Do not exceed 2L of product per hectare per season. Apply up to 3 times by boomspray After the fully expanded unifoliate leaf stage of the crop When crop is at 6 to 7 leaf stage and/or when crop is at early flowering stage. See application section below.

CROP	WEEDS CONTROLLED	WEED SIZE	RATE	CRITICAL COMMENTS
Peanuts (Qld only)	Bellvine	2 to 6 true leaves	1.0 L/ha Trailblaster Plus 1.0 to 1.5L of 400 g/L formulation of 2,4-DB/ha	Apply with thorough coverage as a tank mix to young actively growing weeds. Use the higher rate of 2,4-DB where larger weeds are present. The mixture will give additional control of larger weeds than given by Trailblaster alone.
	Noogoora burr	Cotyledon to 6 true leaves		
Seed crops of Siratro and common fine stem Stylo (Stylosanthes guianensis only) (Qld only)	Billygoat weed, gambia pea, glycine, greenleaved desmodium, five-leaved cassia	Cotyledon to 4 true leaves	2.0 L/ha	Apply with thorough coverage to young actively growing weeds. DO NOT use on other Stylos.

Treatment of weeds larger than those listed is not recommended because control may be incomplete due to increased weed tolerance and poor spray coverage. However in a crop salvage situation, Trailblaster may be used at dosages up to 4 L/ha, providing the application is not made within 50 days of harvest.

PRE-EMERGENCE TREATMENT: Soybeans and peanuts only. NOT recommended for mungbeans.

CROP	WEEDS CONTROLLED	RATE	CRITICAL COMMENTS
Peanuts, Soybeans (Qld, WA only)	Apple of Peru, black bindweed, blackberry nightshade, fat hen, fumitory, jute, narrow leaf plantain, Noogoora burr, pigweed, potato weed, redshank, scarlet pimpernel, turnip weed, wild gooseberry, wild radish	3.0L/ha	Apply as a broadcast spray after sowing but before the crops and weeds emerge. Applicatoins should be made to well prepared, clod free soilof relatively fine tilth. Mechanical soil incorporation is not recommended as this reduces the activity of Trailblaster.
	Annual ground cherry, barnyard grass, bladder ketmia, liverseed grass, Mossman river grass	4.0L/ha	

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

WITHHOLDING PERIODS

GREEN BEANS, ADZUKI BEANS: DO NOT HARVEST FOR 28 DAYS AFTER APPLICATION

CROP SALVAGE SITUATION WHEN TRAILBLASTER IS USED UP TO 4L/HA : DO NOT HARVEST FOR 50 DAYS AFTER APPLICATION'

RESISTANT WEEDS WARNING

GROUP	G	HERBICIDE
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Trailblaster Herbicide is a member of the diphenyl ether group of herbicides. Trailblaster Herbicide has the protoporphyrinogen oxidase mode of action. For weed resistance management, Trailblaster is a Group G herbicide. Some naturally occurring weed biotypes resistant to Trailblaster and other Group G 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 Trailblaster or other Group G Herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Grow Choice Pty Ltd accepts no responsibility for any losses that may result from failure Trailblaster control resistant weeds.

Mixing

Trailblaster mixes readily with water. Fill the spray tank about two thirds full with water and add the require amount of Trailblaster. Fill the spray tank and mix. Maintain sufficient agitation during mixing and spraying to ensure a uniform spray mixture.

Use of surfactant

The use of a low foam, non-ionic surfactant at the labelled rate should be used for maximum weed control. The surfactant should be added to the spray mixture after adding the required amount of Trailblaster.

Use of crop oil adjuvants

Trailblaster may be applied to mung beans at the reduced rate of 1L/ha in combination with Hasten at 1L/100L (1%). The adjuvant should be added to the spray mixture after adding the required amount of Trailblaster. Use of this mixture may increase phytotoxicity, however plants will soon recover and yield will be unaffected.

APPLICATION

Trailblaster may be applied by ground equipment using standard low pressure herbicide sprayers, equipped with hollow cone or flat fan nozzles. The spray equipment should be calibrated to deliver between 100 and 300 litres of spray mixture per hectare at a pressure of 250 to 350 kPa at the nozzle tips.

Trailblaster may be applied as a banded treatment directly over the crop row. When this method of application is used, it is important that the spray equipment be calibrated to give the correct dosage per sprayed hectare, and that

the spray pattern gives maximum coverage of the weed foliage present. Before using Trailblaster it is important to check that the equipment is clean and that all materials from previous uses are completely flushed from the system.

Aerial Application QLD ONLY

Trailblaster can be applied from a fixed wing aircraft or helicopter, using a minimum of 48 litres of spray per hectare. Nozzles on spray booms should not be placed any closer to wing tips than three quarters of the wing span; this will minimise the formation of spray or wing tip vortices roll. A spraying height of 2 to 3 metres over the crop is recommended. Swirl jet or hollow cone nozzles are suggested. Keep pressures below 275 kPa. Nozzles should point to the rear of the aircraft and not be pointed downward more than 20 degrees.

DO NOT USE MICRONAIRE EQUIPMENT FOR TRAILBLASTER APPLICATION.

Green Bean Crops

Early application is important. Treatment later than the recommended weed growth stage may result in inadequate control of Prince of Wales Feather (*Amaranthus powellii*).

The application of Trailblaster may cause some crop phytotoxicity, eg some tip burning and stunting. The beans usually grow out of this, though they may remain about 10cm shorter than unsprayed beans. This does not appear to reduce yield. It is recommended that growers consult an experienced field agronomist prior to using this product. Additionally it is recommended to apply in the evening if possible. Increased phytotoxicity may occur under warm

humid conditions. A non-ionic wetting agent may be added at 1.0% v/v. Thorough coverage is essential. Do not apply earlier than fully expanded unifoliate leaf stage. Use the higher rate after the beans have reached the first fully expanded trifoliate leaf stage, to target *Amaranthus* which is greater than the two leaf stage. Multiple applications should only be used if necessary to treat the weed problem.

Post-Emergence Treatments

Best results are obtained when the crop and weeds are free from moisture and temperature stress, and when the relative humidity is around 65% or higher. DO NOT apply Trailblaster if soil temperature is below 15°C or air temperature below 20°C. Crop damage will also be increased when Trailblaster is applied when air temperatures are above 30°C.

Since it is important that the maximum possible weed coverage is obtained, application should be made before the crop canopy shields the weeds from spray contact but after the maximum number of weed seedlings have emerged. This will usually occur between the 2nd and 5th trifoliate stages of the crop, about one month after sowing. Thorough coverage is essential for optimum weed control. After treatment, soybean leaves may exhibit leaf cupping, crinkling and specking, particularly on the youngest leaves present at time of application. Soybeans recover from this injury and continue growing at a normal rate with no adverse effect on crop yield.

Compatibility

Trailblaster is compatible with Basagran, haloxyfop, fluazifop-P, clethodim, sethoxydim.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

DO NOT apply under weather conditions, or from spraying equipment, which could be expected to cause spray to drift onto nearby susceptible plants/crops , cropping lands or pastures . Wash sprayer thoroughly after use.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT contaminate streams, rivers or waterways with this product or the used containers. DO NOT apply when weather conditions favour run-off or drift from areas treated.

STORAGE AND DISPOSAL

Store in the closed, original container in a dry, 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 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. Do not re-use container for any other purpose.

SAFETY DIRECTIONS

May irritate the eyes and skin. Avoid contact with eyes and skin. If product on skin, immediately wash area with soap and water.

FIRST AID

If poisoning occurs get to a doctor or hospital quickly. If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

SAFETY DATA SHEET

For further information, refer to the Safety Data Sheet (SDS) which is available from the supplier.

NOTICE TO BUYER

Grow Choice Pty. Ltd. will not be held liable for any loss, injury or damage, indirect or consequential, arising from the sale, supply, use or application of this product. The product is not to be used for any purpose or in any way contrary to label instructions.