

# BASF Blazer®

SELECTIVE HERBICIDE

Active Constituent: 224 g/L ACIFLUORFEN (present as the sodium salt)

GROUP **G** HERBICIDE

For the selective control on certain broadleaf weeds and grasses in mungbeans, peanuts, soybeans and seed crops of Siratro and Stylo as per the DIRECTIONS FOR USE table.

#### FEATURES

Flexible in rate and timing of application.

#### BENEFITS

Can be used pre- and post-emergent.

#### MODE OF ACTION

BLAZER is a member of diphenyl ether group of herbicides and acts by inhibition of protoporphyrinogen oxidase. A selective contact herbicide, absorbed by foliage and roots which shows negligible translocation within the plant.

#### PACK SIZES

10 L

<i>U.N. Number</i>	<i>Correct Shipping Name</i>	<i>Class</i>	<i>Subsidiary Risk</i>
Not Applicable	Not considered a Dangerous Good	Not Applicable	Not Applicable
<i>HAZCHEM Code</i>	<i>Poisons Schedule</i>	<i>Emergency Guide</i>	<i>Packaging Group</i>
Not Applicable	6	Not Applicable	Not Applicable

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

# **BASF Blazer®**

**SELECTIVE HERBICIDE**

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**For the selective control on certain broadleaf weeds and grasses in mungbeans, peanuts, soybeans and seed crops of Siratro and Stylo as per the DIRECTIONS FOR USE table.**

## **GENERAL INSTRUCTIONS**

### **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 BLAZER if soil temperature is below 15°C or air temperature is below 20°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 stage of the crop, or about one month after sowing.

After treatment, soybean leaves may exhibit leaf cupping, crinkling and speckling, particularly on the youngest leaves present at the time of application.

Soybeans recover from this injury and continue growing at a normal rate with no adverse effect on crop yield.

### **MIXING**

BLAZER mixes readily with water. Fill the spray tank about two-thirds full with water and add the required amount of BLAZER.

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 such as Citowett® or X-77\* is recommended and should be used for maximum weed control.

This surfactant should be added to the spray mixture at a rate of 125 mL per 100 litres, after adding the required amount of BLAZER.

**Spray Equipment:** BLAZER can 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 300 kPa at the nozzle tips.

BLAZER 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 BLAZER, 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: QUEENSLAND ONLY.**

BLAZER can be applied from a fixed-wing aircraft or helicopters, 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 vortice 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 BLAZER APPLICATION.**

### **RESISTANT WEEDS WARNING**

BLAZER Selective Herbicide is a member of the Diphenyl ether group of herbicides. BLAZER has the inhibitor of protoporphyrinogen oxidase mode of action. For weed resistance management BLAZER is a Group G herbicide. Some naturally occurring weed biotypes resistant to BLAZER and other inhibitor of protoporphyrinogen oxidase 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 BLAZER or other inhibitor of protoporphyrinogen oxidase herbicides.

Since the occurrence of resistant weeds is difficult to detect prior to use, BASF Australia Ltd accepts no liability for any losses that may result from the failure of BLAZER to control resistant weeds.

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

Do NOT apply under weather conditions, or from spraying equipment, that may 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 the chemical or 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 bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500 mm 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**

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 contact a doctor or Poisons Information Centre. Telephone 131126 Australia-wide.

If skin contact occurs, remove contaminated clothing and wash skin thoroughly.

## **MATERIAL SAFETY DATA SHEET**

Additional information is listed in the Material Safety Data Sheet.

**CONDITIONS OF SALE:** All conditions and warranties rights and remedies implied by law or arising in contract or tort whether due to the negligence of BASF Australia Ltd or otherwise are hereby expressly excluded so far as the same may legally be done provided however that any rights of the Buyer pursuant to non-excludable conditions of warranties of the Trade Practices Act 1974 or any relevant legislation of any State are expressly preserved by the liability of BASF Australia Ltd or any intermediate Seller pursuant thereto shall be limited if so permitted by the said legislation to the replacement of the goods sold or the supply of equivalent goods and all liability for indirect or consequential loss or damage of whatsoever nature is expressly excluded. This product must be used or applied strictly in accordance with the instructions appearing hereon. This product is sold solely for use in Australia and must not be exported without the prior written consent of BASF Australia Ltd.

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\* X-77 is a registered trademark of Rhône-Poulenc

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NRA Approval No.: 41650

THIS PRODUCT IS NOT CONSIDERED TO BE A DANGEROUS GOOD UNDER THE AUSTRALIAN CODE FOR THE TRANSPORT OF DANGEROUS GOODS BY ROAD AND RAIL

FOR SPECIALIST ADVICE IN AN  
**EMERGENCY ONLY**  
**PHONE 1 800 033 111**  
TOLL FREE – ALL HOURS – AUSTRALIA-WIDE

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

CROP	WEED CONTROLLED	WEED SIZE	RATE	CRITICAL COMMENTS	
Soybeans (Qld, NSW, WA only)  Peanuts (Qld, WA only)  Mungbeans (Qld only)	Apple of Peru, turnip weed, wild radish	Cotyledon to 2 true leaves	1.0 L/ha	Apply with thorough coverage to young actively growing weeds.	
		2 to 6 true leaves	1.5 L/ha		
	Prince of Wales feather, redshank, thornapple	Cotyledon to 2 true leaves	2.0 L/ha		
		2 to 6 true leaves			
	Pigweed	Cotyledon to 50 mm diameter	1.0 L/ha		
		50 to 100 mm diameter	1.5 L/ha		
	Annual ground cherry, wild gooseberry	Cotyledon to 4 true leaves	1.0 L/ha		
		4 to 8 true leaves	1.5 L/ha		
		8 leaves to 200 mm high	2.0 L/ha		
	Blackberry nightshade, bladder ketmia, capeweed, fumitory, Noogoora burr	Cotyledon to 4 true leaves	1.5 L/ha		
		Bellvine			2 to 4 true leaves
					4 to 6 true leaves
	Giant pigweed	Cotyledon to 2 true leaves	1.5 L/ha		
		Jute			Cotyledon to 4 true leaves
Sesbania	Cotyledon to 200 mm high	2.0 L/ha			
		4 to 6 true leaves			
Mungbeans (NSW only)	Bladder ketmia, Noogoora burr	Cotyledon to 4 true leaves	2.0 L/ha		
Peanuts (Qld only)	Bellvine	2 to 6 true leaves	1.0 L BLAZER PLUS 1.0 to 1.5 L of 400 g/L formulation of 2,4-DB/ha	Apply with thorough coverage as a tank mix to young actively growing weeds. Use higher rate of 2,4-DB where larger weeds are present. The mixture will give additional control of larger weeds than given by BLAZER alone.	
	Noogoora burr	Cotyledon to 6 true leaves			
Seed Crops of Siratro and Common and 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, BLAZER may be used at dosages up to 4 L/ha, providing the application is not made within 50 days of harvest.



**PRE-EMERGENCE TREATMENTS: Soybeans and Peanuts only. Not recommended for Mungbeans.**

<b>CROP</b>	<b>WEED CONTROLLED</b>	<b>RATE</b>	<b>CRITICAL COMMENTS</b>
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	3.0 L/ha	Apply as a broadcast spray after sowing but before the crops and weeds emerge. Applications should be made to a well prepared, clod free soil of relatively fine tilth. Mechanical soil incorporation is not recommended as this reduces the activity of BLAZER.
	Annual ground cherry, barnyard grass, bladder ketmia, liverseed grass, Mossman river grass	4.0 L/ha	

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

**WITHHOLDING PERIOD:**

CROP SALVAGE SITUATION WHEN BLAZER IS USED AT UP TO 4 L/ha:  
DO NOT HARVEST FOR 50 DAYS AFTER APPLICATION.

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**PERMIT DETAILS FOR NUMBER – PERMIT 3807**

# BASF Blazer®

**SELECTIVE HERBICIDE**

Active Constituent: 224 g/L ACIFLUORFEN (present as the sodium salt)

Registered to: **Tasmanian Farmers and Graziers Association**  
 196 Cimitiere Street,  
 Launceston TAS 7250

**FOR MINOR OFF-LABEL-USE OF A REGISTERED AGVET CHEMICAL PRODUCT**

**PERMIT NUMBER - PER3807**

This permit is issued under the Agvet Code, of the relevant jurisdictions, to the person stated above. The holder of the permit must comply with all requirements as specified in the Agvet Code. A summary of the key requirements are that the holder must:

- supply any requested information to the NRA;
- inform the NRA if they become aware of any relevant information concerning the uses dealt with by this permit;
- comply with a lawful direction or requirement of an inspector.

This permit for the reasons given below, allows any person listed in **1. Persons** to use the products listed in **2. Products** for the minor off-label use specified in **3. Directions for Use** in the jurisdictions listed in **4. States**.

If this permit were not issued use of the products as specified in this permit would constitute an offence under the Agvet Codes.

The persons listed in **1. Persons** must comply with all conditions listed in **CONDITIONS OF PERMIT** to be effectively covered by this permit.

THIS PERMIT IS IN FORCE FROM 14 DECEMBER 2000 TO 31 MARCH 2001.

It is in force until it expires or it is cancelled, suspended or surrendered.

**REASON FOR ISSUE OF PERMIT**

Prince of Wales Feather (*Amaranthus powellii*) is a significant problem weed in some bean growing regions in Tasmania. Failure to control this weed can lead to crops not being able to be harvested. Alternative products are registered for *Amaranthus* with pre-emergent activity however their effectiveness can be reduced if there is minimal follow up rain, and therefore the requirement for an additional alternative in a small proportion of potential bean growing areas in Tasmania is required. The off-label use of 'Blazer' has been approved for this purpose in Tasmania since 1995 and growers have successfully implemented its use in those areas where Prince of Wales Feather has been a problem weed to control with registered alternatives.

**1. Persons**

Persons generally.

**2. Products**

BASF BLAZER SELECTIVE HERBICIDE

Containing: 224 g/L ACIFLUORFEN as the SODIUM SALT as their only active constituent.

**3. Directions for Use**

Crop	Pest	Rate
GREEN BEANS	PRINCE OF WALES FEATHER ( <i>Amaranthus powellii</i> )	Apply by boom spray at a rate of 250-750 mL product per hectare. Thorough coverage is essential.

**Critical Use Comments:**

The application of 'BLAZER' may cause crop phytotoxicity, and it is recommended that users 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.

Do NOT apply earlier than fully-expanded unfoliate leaf stage. use higher rate after the beans have reached first fully expanded trifoliate leaf stage to target Prince of Wales Feather which is greater than the 2 leaf stage.

Do NOT apply more than 3 applications per season and do NOT exceed 2 L product per ha per season.

**Withholding Period:**

DO NOT LATER THAN 28 DAYS BEFORE HARVEST.

**4. States**

Tas only.

**PERMIT DETAILS FOR NUMBER – PERMIT 3807****CONDITIONS OF PERMIT**

THIS PERMIT provides for the use of a product in a manner other than specified on the approved label of the product. Unless otherwise stated in this permit, the use of the product must be in accordance with instructions on its label.

PERSONS who wish to prepare for use and/or use the products for the purposes specified in this permit must read, or have read to them, the permit particularly the information included in DETAILS OF PERMIT and CONDITIONS OF PERMIT.

**CROP DAMAGE:**

The sensitivity of green beans to be treated under this permit has not been fully evaluated. Information available indicates that some crop damage may result and it is recommended that users follow all details as outlined above under Critical Comments, particularly in ensuring that the use or recommendation is under the supervision/guidance of an experienced agronomist.

THIS PERMIT has been granted in response to requests from persons other than the manufacturers of products which have been included in this permit. When assessing the proposed use the NRA will often seek advice from these manufacturers. As these manufacturers have not sought this permit, they should not be held responsible for the use of their products as specified in this permit.

***Acknowledgments:***

Collated by HerbiGuide. Phone 08 98444064 for more information.