



Australian Government
**Australian Pesticides and
Veterinary Medicines Authority**

**PERMIT TO ALLOW MINOR USE OF A REGISTERED AGVET CHEMICAL
PRODUCT FOR CONTROL OF VARIOUS WEEDS IN PIGEON PEA TRAP CROPS**

PERMIT NUMBER – PER13758

This permit is issued to the Permit Holder in response to an application granted by the APVMA under section 112 of the Agvet Codes of the jurisdictions set out below. This permit allows a person, as stipulated below, to use the product in the manner specified in this permit in the designated jurisdictions. This permit also allows the Permit Holder and any person stipulated below to claim that the product can be used in the manner specified in this permit.

THIS PERMIT IS IN FORCE FROM 12 OCTOBER 2012 TO 31 AUGUST 2026

Permit Holder:

COTTON AUSTRALIA LTD
Suite 4.01, 247 Coward Street
MASCOT NSW 2020

Persons who can use the product under this permit:

Persons generally.

CONDITIONS OF USE

Products to be used:

OZCROP PROMETRYN 500 SC HERBICIDE (APVMA No. 65220)
PLUS OTHER REGISTERED PRODUCTS
Containing: 500 g/L PROMETRYN as the only active constituent.

NUFARM PROMETRYN 900 DF HERBICIDE (APVMA No. 46814)
PLUS OTHER REGISTERED PRODUCTS
Containing: 900 g/kg PROMETRYN as the only active constituent.

TITAN BUTROXYDIM 250 WG HERBICIDE (APVMA No. 82121)
PLUS OTHER REGISTERED PRODUCTS
Containing: 250 g/kg BUTROXYDIM as the only active constituent.

SERTIN 186 EC SELECTIVE POST-EMERGENCE HERBICIDE (APVMA No. 31839)
PLUS OTHER REGISTERED PRODUCTS
Containing: 186 g/L SETHOXYDIM as the only active constituent.

VERDICT 520 HERBICIDE (APVMA No. 50643)
PLUS OTHER REGISTERED PRODUCTS
Containing: 520 g/L HALOXYFOP PRESENT AS HALOXYFOP-R METHYL ESTER as the only active constituent.

FIREPOWER 900 HERBICIDE (APVMA No. 87107)
PLUS OTHER REGISTERED PRODUCTS
Containing: 900 g/L HALOXYFOP PRESENT AS HALOXYFOP-P METHYL ESTER as the only active constituent.

RELYON QUIZON 100EC HERBICIDE (APVMA No. 81996)
PLUS OTHER REGISTERED PRODUCTS
Containing: 99.5 g/L QUIZALOFOP-P-ETHYL as the only active constituent.

ARYSTA SELECT HERBICIDE (APVMA No. 51144)
PLUS OTHER REGISTERED PRODUCTS
Containing: 240 g/L CLETHODIM as the only active constituent.

PLATINUM XTRA 360 HERBICIDE (APVMA No. 85360)
PLUS OTHER REGISTERED PRODUCTS
Containing: 360 g/L CLETHODIM as the only active constituent.

FUSILADE FORTE 128 EC HERBICIDE (APVMA No. 58521)¹
PLUS OTHER REGISTERED PRODUCTS
Containing: 128 g/L FLUAZIFOP-P PRESENT AS THE BUTYL ESTER as the only active constituent.

¹ Fluazifop-P has registered use in QLD and NT for weed control in pigeon pea crops, therefore these jurisdictions are not covered by this permit for this use.

Directions for Use:

Crop	Target Weeds	Rate
PIGEON PEA TRAP CROPS GROWN IN CONJUNCTION WITH INSECTICIDAL TRANSGENIC (BT) COTTON	GRASS AND BROADLEAF WEEDS, AS LISTED ON PRODUCT LABEL FOR COTTON	<u>Prometryn 500 g/L</u> Apply up to 4.5 L/ha <u>Prometryn 900 g/kg</u> Apply up to 2.5 kg/ha <u>Butroxydim 250 g/kg</u> Apply 120 or 180 g/ha <u>Sethoxydim 186 g/L</u> Apply 1 L/ha <u>Haloxypop 520 g/L</u> Apply 100 - 150 mL/ha <u>Haloxypop 900 g/L</u> Apply 60 - 90 mL/ha
	GRASS AND BROADLEAF WEEDS, AS LISTED ON PRODUCT LABEL FOR PIGEON PEAS	<u>Fluazifop-p 128 g/L¹</u> Apply 1.24 L/ha
	GRASS AND BROADLEAF WEEDS, AS PER TABLE 1	<u>Clethodim 240 g/L</u> Refer to Table 1 <u>Clethodim 360 g/L</u> Refer to Table 1
	GRASS AND BROADLEAF WEEDS, AS PER TABLE 2	<u>Quizalofop 99.5 g/L</u> Refer to Table 2

Table 1. Clethodim

Weeds	Weed Stage	Rate/ha	Critical comments
BARNYARD GRASS (<i>Echinochloa spp.</i>)	2 – 5 leaf stage	<u>Clethodim</u> 240 g/L	Refer to product label for addition of Spraying Oils/Wetters Lower doses will provide effective control if applied under ideal conditions, to weeds that are smaller, actively growing and free from temperature or water stress.
BLOWN GRASS (<i>Agrostis aveacea</i>)		250-375 mL	
CROWSFOOT GRASS (<i>Eleusine indica</i>)		<u>Clethodim</u> 360 g/L	
FEATHERTOP RHODES GRASS (<i>Chloris virgata</i>)		165 – 250 mL/ha	
LIVERSEED GRASS (<i>Urochloa panicoides</i>)			
MOSSMAN RIVER GRASS (<i>Cenchrus echinatus</i>)	5-leaf to fully tillered	<u>Clethodim</u> 240 g/L	
RED SPRANGLE TOP GRASS (<i>Leptochloa filiformis</i>)		375 - 500 mL	
SEEDLING JOHSON GRASS (<i>Sorghum halepense</i>)		<u>Clethodim</u> 360 g/L	
SUMMER GRASS (<i>Digitaria spp.</i>)		250 - 330 mL/ha	
VOLUNTEER SORGHUM (<i>Sorghum spp.</i>)			
VOLUNTEER CEREALS			

Table 2. Quizalofop-P-Ethyl 99.5 g/L

Weeds	Weed Stage	Rate/ha	Critical comments
AWNLESS BARNYARD GRASS (<i>Echinochloa colona</i>) BARNYARD GRASS (<i>Echinochloa crus-galli</i>)	3 leaf to early tillering	500 or 750 mL	Apply when weeds are actively growing. Use higher rate under heavy weed pressure, and/or when weeds have commenced tillering ² .
COUCH GRASS (<i>Cynodon dactylon</i>)	2 - 4 leaf seedling	500 mL	Apply when weeds are actively growing. This rate will only control seedling Couch Grass which is less than 2 months old and established from seed ² .
DINEBRA (<i>Dinebra retroflexa</i>)	3 leaf to early tillering	250 or 375 mL	Apply when weeds are actively growing. Use higher rate under heavy weed pressure and/or when weeds have commenced tillering ² .
CROWSFOOT GRASS (<i>Eleusine indica</i>)	2 leaf to early tillering	500 mL	Apply when weeds are actively growing ² .
FOXTAIL MILLET (<i>Setaria italica</i>)	2 leaf to early tillering	250 or 500 mL	Apply when weeds are actively growing. Use higher rate under heavy weed pressures and/or when weeds have commenced tillering ² .
COLUMBUS GRASS (<i>Sorghum x almum</i>) JOHNSON GRASS (<i>Sorghum halepense</i>) LIVERSEED GRASS (<i>Urochloa panicoides</i>)	2 leaf to 3 tiller	500 or 750 mL	
RHODES GRASS (<i>Chloris gayana</i>) STINK GRASS (<i>Eragrostis cilianensis</i>)	3 leaf to early tillering	250 or 500 mL	
QUEENSLAND BLUE GRASS (<i>Dichanthium sericeum</i>)	3 leaf to early tillering	500 mL	Apply when weeds are actively growing ² .
SUMMER GRASS (<i>Digitaria ciliaris</i>)	3 leaf to early tillering	500 or 1000 mL	Apply when weeds are actively growing. Use higher rate under heavy weed pressure and/or when weeds have commenced tillering ² .

² Always add a surfactant or wetting agent at the recommended rate. See product label for details.

Critical Use Comments:

- Only apply to pigeon pea crops that are to be slashed at the end of the season or to be harvested for seed for replanting.
- Add spray oil, adjuvant or surfactant to spray mix where specified on the product label, or where use is specified within this permit.
- DO NOT FEED CROP PRODUCT OR CROP RESIDUE TO LIVESTOCK.
- 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.
- **Prometryn:** Apply up to the maximum rate pre-planting and incorporate, or as a post emergent directed spray towards the base of established plants.
- **Butoxydim, Fluazifop-p, Sethoxydim and Haloxyfop:** Apply the specified rate as a post emergence spray over the top of the pigeon pea crops.

Withholding Period:

NOT REQUIRED WHEN USED AS DIRECTED.

Jurisdiction:

All States and Territories, except VIC.

Note: Victoria is not included in this permit, as their Control-of-Use legislation means a permit is not required to legalise this off-label use in that State.

Additional Conditions:

This permit allows for the use of a product in a manner specified on the permit. Persons who wish to prepare for use and/or use products for the purposes specified in this permit must read, or have read to them, the details and conditions of this permit. Unless otherwise stated, the use of the product must be in accordance with the product label.

To Avoid Crop Damage

The sensitivity of the crop to be treated under this permit has not been fully evaluated. It is advisable to only treat a small area to ascertain the reaction before treating the whole crop.

Issued by the Australian Pesticides and Veterinary Medicines Authority

Notes:

18/09/2017. Permit amended to update names of registered product names under 'Products to be Used' and update text in 'Directions for Use' from "Pigeon pea trap crops grown in conjunction with Ingard & Bollgard II Cotton" to "Pigeon pea trap crops grown in conjunction with insecticidal transgenic (BT) cotton". Expiry date extended to 30/09/2022. Issued as version 2.

09/04/2019. NT and WA included under jurisdiction. Target weeds section of 'Directions for Use' table updated to improve clarity. Fluazifop-P 128g/L product added. 'Critical Use Comments' updated to include reference to label instructions on spray drift management and addition of spray oils/adjuvants/surfactants. Issued as version 3.

13/08/2021: Permit amended to add 900 g/L haloxyfop and 360 g/L clethodim products, and the 5-leaf to fully tillered rate for clethodim. Permit expiry extended to 31/08/2026. Issued as version 4.