



**PERMIT TO ALLOW MINOR USE OF A REGISTERED AGVET CHEMICAL
PRODUCT FOR CONTROL OF VARIOUS WEEDS IN BULB ONIONS**

PERMIT NUMBER – PER84734

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 19 DECEMBER 2017 TO 30 SEPTEMBER 2029

Permit Holder:

HORTICULTURE INNOVATION AUSTRALIA LIMITED
Level 7, 141 Walker Street
NORTH SYDNEY NSW 2060

Persons who can use the product under this permit:

Persons generally.

CONDITIONS OF USE

Products to be used:

APPARENT HALOXYFOP 520 HERBICIDE (APVMA No. 66422)
PLUS OTHER REGISTERED PRODUCTS

Containing: 520 g/L HALOXYFOP as the only active constituent.

IMTRADE HALOXYFOP 900 EC HERBICIDE (APVMA No. 69365)
PLUS OTHER REGISTERED PRODUCTS

Containing: 900 g/L HALOXYFOP as the only active constituent.

RESTRAINTS:

DO NOT apply to weeds which may be stressed (not actively growing) due to prolonged periods of extreme cold, moisture stress (waterlogged or drought affected), poor nutrition or previous herbicide treatment as reduced levels of control may result.

DO NOT spray if rain is likely to occur within one hour.

SPRAY DRIFT RESTRAINTS

Specific definitions for terms used in this section can be found at apvma.gov.au/spraydrift

DO NOT allow bystanders to come into contact with the spray cloud.

DO NOT apply in a manner that may cause an unacceptable impact to native vegetation, agricultural crops, landscaped gardens and aquaculture production, or cause contamination of plant or livestock commodities, outside the application site from spray drift. The buffer zones in the relevant buffer zone table below provide guidance but may not be sufficient in all situations. Wherever possible, correctly use application equipment designed to reduce spray drift and apply when the wind direction is away from these sensitive areas.

DO NOT apply unless the wind speed is between 3 and 20 kilometres per hour at the application site during the time of application.

DO NOT apply if there are hazardous surface temperature inversion conditions present at the application site during the time of application. Surface temperature inversion conditions exist most evenings one to two hours before sunset and persist until one to two hours after sunrise.

DO NOT apply by a boom sprayer unless the following requirements are met:

- spray droplets not smaller than a MEDIUM spray droplet size category
- minimum distances between the application site and downwind sensitive areas (see 'Mandatory downwind buffer zones' section of the following table titled 'Buffer zones for boom sprayers') are observed.

Buffer zones for boom sprayers

Boom height above the target canopy	Mandatory downwind buffer zones (metres)		
	Natural aquatic areas	Pollinator areas	Vegetation areas
0.5 m or lower	0	0	0
1.0 m or lower	10	0	20

Directions for Use:

Crop	Weed	Rate
Bulb onions	Storksbill (<i>Erodium botrys</i> & <i>E. moschatum</i>)	
	Australian millet (<i>Panicum decompositum</i>)	<u>520 g/L products</u> 100 – 200 mL/ha
	Green panic (<i>Panicum maximum</i> var. <i>trichoglume</i>)	<u>900 g/L products</u> 60 – 115 mL/ha
	Mossman River grass (<i>Cenchrus echinatus</i>)	
	Prairie grass (<i>Bromus catharticus</i>)	

Critical Use Comments:

- Apply when crop is at the flag to 5 leaf stage.
- Use a spray volume sufficient to ensure thorough coverage of the crop.
- DO NOT apply more than one application per crop.
- DO NOT use spray oils or other crop oils.
- Apply with a non-ionic wetting agent at label rates.
- Very toxic to aquatic life. DO NOT contaminate wetlands or watercourses with these products or used containers.

Withholding Period:

Harvest: Do not harvest for 28 days after application.

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.

The holder of the permit must notify the APVMA of new information, including relevant information in accordance with section 161 of the Schedule to the *Agricultural and Veterinary Chemicals Code Act 1994*, in accordance with the obligation imposed by that section.

Export of treated produce

Temporary Maximum Residue Limits (TMRLs) have been established to allow treated produce to be used for human consumption. A TMRL has been established for HALOXYFOP in ONION, BULB. MRLs can be found in the *Agricultural and Veterinary Chemicals (MRL Standard for Residues of Chemical Products) Instrument 2023*. MRLs apply only to produce marketed and consumed in Australia. If treated produce is to be exported, residues must not exceed the limits/tolerances of the importing country.

Issued by Australian Pesticides and Veterinary Medicines Authority

Note: 30 July 2019: Permit amended to extend expiry to 31 December 2024. Issued as version 2.

20 September 2024: Permit updated to include restraints (including spray drift restraints). Critical use comments and additional conditions updated. Products to be used updated to remove 130 g/L products, change the 520 g/L product and allow use of other registered products. Permit expiry extended to 30 September 2029. Permit issued as version 3.