



PERMIT TO ALLOW MINOR USE OF AN AGVET CHEMICAL PRODUCT

**FOR CONTROL OF AFRICAN BLACK BEETLE, WIREWORMS,
FALSE WIREWORMS, VEGETABLE WEEVIL AND SWEET POTATO WEEVIL
IN VARIOUS VEGETABLE CROPS**

PERMIT NUMBER – PER14583

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 any person to claim that the product can be used in the manner specified in this permit.

THIS PERMIT IS IN FORCE FROM 1 APRIL 2014 TO 31 OCTOBER 2019.

Permit Holder:

HORTICULTURE INNOVATION AUSTRALIA LTD
Level 8, 1 Chifley Square
SYDNEY NSW 2000

Persons who can use the product under this permit:

Persons generally.

CONDITIONS OF USE

Product to be used:

ALL REGISTERED PRODUCTS

Containing: 500 g/L CHLORPYRIFOS as the only active constituent, with an approved label including agricultural crop uses.

Directions for use:

Crop	Pest	Rate	Withholding period
SWEDE TURNIP	African black beetle	2 L/ha	<u>African black beetle</u> : Not required when used as directed.
	False wireworms and Wireworms	5 L/ha	<u>False wireworm and wireworms</u> : DO NOT harvest for 28 DAYS after application.
<p>Critical use comments: Swede & turnip <u>African black beetle</u>: apply by boom spray in 500-1,000 L/ha water at or soon after planting in a 10-15 cm band spray. <u>False wireworms and wireworms</u>: Larvae - apply to the planting region at or prior to planting when wireworm numbers become significant. Adults - apply as evidence of damage indicates significant numbers once seedlings are established.</p>			
BRASSICA LEAFY VEGETABLES, SILVERBEET, SPINACH, CELERY, BEANS, SNOW PEAS & SUGAR SNAP PEAS	African black beetle	2 L/ha	Not required when used as directed.
	False wireworms and Wireworms	5 L/ha	
<p>Critical use comments: Leafy vegetables, celery, beans, snow peas & sugar snap peas <u>African black beetle</u>: apply by boom spray in 500-1000 L/ha water at or soon after planting in a 10-15 cm band spray. <u>False wireworms and wireworms</u>: apply to the planting region at or prior to planting when wireworm numbers become significant.</p>			
PARSLEY	Vegetable Weevil	800 mL/ha	<p>Harvest: DO NOT harvest for 10 WEEKS after application.</p> <p>Grazing: DO NOT graze or cut for stock feed.</p>
<p>Critical use comments: Parsley Apply only once per crop immediately after the sowing of seed as a band spray to soil along the plant row OR Apply only once per crop within two days of transplanting parsley seedlings as a band spray over young plants and adjacent soil along the plant row. Use correctly calibrated application equipment that is appropriate for applying enough water to ensure complete banded coverage of the soil and foliage where applicable.</p>			

Crop	Pest	Rate	Withholding period
SWEET POTATO	Sweet potato weevil	200 mL/100 L (600 mL – 4 L/ha)	DO NOT harvest for 14 DAYS after application.
	Wireworm	6 L/ha	

Critical Use Comments: Sweet potato

Apply in accordance with all Directions for Use for potato against weevils as contained on the specific product label.

Sweet potato weevil: Post-plant: - apply as a complete soil cover spray including young plants. Use high volumes of water starting with 300 L/ha and increasing up to 2,000 L/ha when crop achieves full ground cover.

Wireworm: Pre-plant: - incorporate to a depth of 15 cm by boom spraying and rotary hoeing immediately (exposure to sunlight reduces effectiveness) or inject in front of rotary hoe/bed forming equipment.

Timing of treatment:

Sweet potato weevil and Wireworm - Apply pre-plant to cultivated soil and incorporate into the soil immediately or apply post-plant immediately on observation of infestation. Wireworms follow moisture in soil profile therefore efficacy will be improved if applied to moist soil.

Jurisdiction:

ALL STATES, except VIC.

Note: Victoria is not included in this permit because their 'control-of-use' legislation means that a permit is not required to legalise this off-label use in that State.

Additional Conditions:

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 products for the purposes specified in this permit must read, or have read to them, the DETAILS and CONDITIONS of this permit.

Export of treated crops

Exported produce must have appropriate residue tolerance limits established in the importing countries and any residue must not exceed the tolerance limits. Not all countries have established tolerances for chlorpyrifos in all the crop types listed under this permit. Growers using chlorpyrifos in their production systems for export should therefore determine tolerances of importing countries prior to use on their crop type.

Other Matters:

Continued issuance of this Permit is subject to the outcomes of the current review of CHLORPYRIFOS FINAL STAGE, as notified in the October 2000 Gazette on page 37. The review of CHLORPYRIFOS FINAL STAGE covers all registrations and approvals. All active constituents, products, labels and permits are included in the review.

Issued by

Australian Pesticides and Veterinary Medicines Authority

Note: Version 3 issued (01/02/2019) to extend expiry date to 31 October 2019.