



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

**PERMIT TO ALLOW MINOR USE OF A REGISTERED AGVET CHEMICAL
PRODUCT FOR CONTROL OF VARIOUS FUNGAL DISEASES IN BEETROOT,
CELERY, CHICORY, ENDIVE, GAI LAN, RADICCHIO AND SPINACH AND FOR
SUPPRESSION OF RUST, LEAF SPOT AND POWDERY MILDEW IN SILVERBEET**

PERMIT NUMBER – PER14479

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 MAY 2014 TO 31 AUGUST 2029

Permit Holder:

HORTICULTURE INNOVATION AUSTRALIA LTD
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:

TILT 250 EC FUNGICIDE (APVMA No. 62205)

PLUS OTHER REGISTERED PRODUCTS

Containing: 250 g/L PROPICONAZOLE as the only active constituent.

LOVELAND PRODUCTS FITNESS FUNGICIDE (APVMA No. 68281)

PLUS OTHER REGISTERED PRODUCTS

Containing: 435 g/L PROPICONAZOLE as the only active constituent.

NUFARM THROTTLE 500 FUNGICIDE (APVMA No. 60401)

PLUS OTHER REGISTERED PRODUCTS

Containing: 500 g/L PROPICONAZOLE as the only active constituent.

AC PACER 550 EC FUNGICIDE (APVMA No. 84271)

PLUS OTHER REGISTERED PRODUCTS

Containing: 550 g/L PROPICONAZOLE as the only active constituent.

TITAN PROPICONAZOLE 625 EC FUNGICIDE (APVMA No. 86411)

PLUS OTHER REGISTERED PRODUCTS

Containing: 625 g/L PROPICONAZOLE as the only active constituent.

IMTRADE CRACKER JACK 750 EC FUNGICIDE (APVMA No. 80490)

PLUS OTHER REGISTERED PRODUCTS

Containing: 750 g/L PROPICONAZOLE as the only active constituent.

Restraint:

- DO NOT use on crops grown in protected cropping situations (such as glasshouses, greenhouses, plastic houses, plastic tunnels or shade-houses).
- DO NOT use on beetroot if tops may be sold for human consumption.

Directions for Use:

Crop	Disease	Product & Rate	Critical Use Comments
SPINACH BEETROOT	Leaf Spot (<i>Cercospora spp.</i>)	<u>250g/L products</u> Apply 50 mL/100 L OR 500 mL/ha <u>435g/L products</u> Apply 30 mL/100 L OR 290 mL/ha	▪ Apply when disease symptoms are first observed, then at 14 day intervals whilst weather conditions favour disease. ▪ Use a fungicide from a different chemical group after 3 consecutive sprays of Propiconazole. ▪ Apply a maximum of 5 sprays per season.
CELERY	Septoria spot (<i>Septoria apiicola</i>) Early blight (<i>Cercospora apii</i>)	<u>500g/L products</u> Apply 25 mL/100 L OR 250 mL/ha <u>550g/L products</u> Apply 23 mL/100 L OR 230 mL/ha <i>Contd.</i>	▪ Spray at the first sign of disease. ▪ Re-treatment may be applied to the crop as required, with a minimum 7 day interval between consecutive sprays. ▪ DO NOT apply more than 3 applications per crop. ▪ Apply by boom spray according to industry standard. <i>Contd.</i>

		<u>625g/L products</u> Apply 20 mL/100 L OR 200 mL/ha <u>750g/L products</u> Apply 17 mL/100 L OR 170 mL/ha	<ul style="list-style-type: none"> ▪ Avoid application to young celery plants as it may cause phytotoxicity (stunted plants).
SILVERBEET (Suppression only)	Leaf spot (<i>Cercospora beticola</i>) Powdery mildew (<i>Erysiphe polygoni</i>) Rust (<i>Uromyces betae</i>)	<u>250g/L products</u> Apply 50mL/100L OR 500 mL/ha <u>435g/L Products</u> Apply 30mL/100L OR 290 mL/ha <u>500g/L products</u> Apply 25 mL/100L OR 250mL/ha <u>550g/L products</u> Apply 23 mL/100 L OR 230 mL/ha	<ul style="list-style-type: none"> ▪ Apply as a foliar spray when conditions favour disease development or when disease symptoms are first observed. ▪ DO NOT make more than 2 applications per crop. ▪ Apply using a boom spray or knapsack with a minimum re-application interval of 10 days. ▪ Apply in a sufficient volume of water for thorough coverage. ▪ Consistency of suppression can sometimes vary with application timing and conditions and growers should not rely solely on propiconazole or other fungicides for the suppression of these diseases.
GAI LAN CHICORY ENDIVE RADICCHIO	Leaf Spot (<i>Cercospora spp.</i>) Rust (<i>Puccinia spp.</i>) Septoria leaf spot (<i>Septoria spp.</i>)	<u>625g/L products</u> Apply 20 mL/100 L OR 200 mL/ha <u>750g/L products</u> Apply 17 mL/100 L OR 170 mL/ha	<ul style="list-style-type: none"> ▪ DO NOT make more than 2 applications per crop, with a minimum re-treatment interval of 7 days. ▪ Apply in a sufficient spray volume to ensure even and thorough spray coverage. ▪ DO NOT apply with wetters or spraying oils. ▪ Apply from the start of the main disease period.

Withholding Period:

Harvest:

Beetroot – DO NOT harvest for 1 day after application.

Silverbeet and spinach – DO NOT harvest for 7 days after application.

Celery, Gai lan Chicory, Endive and Raddichio – DO NOT harvest for 14 days after application.

Grazing:

DO NOT graze treated plants or harvest for stock feed.

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.

*To Avoid Crop Damage:*Spinach:

In other leafy vegetable crops, propiconazole may result in darker green leaves. The sensitivity of some species and varieties of spinach to be treated under this permit has not been fully evaluated. It is advisable to only treat a small number of plants to ascertain their reaction before treating the whole crop.

All other listed crops:

The sensitivity of different crops to be treated under this permit has not been evaluated under all growing conditions. It is advisable to only treat a small number of plants to ascertain their reaction before treating the whole crop.

Export of treated produce.

Maximum Residue Limits (MRLs) have been established to allow treated produce to be used for human consumption. 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 the Australian Pesticides and Veterinary Medicines Authority.

Note: 01/05/2018 – Permit amended to update holder details. Permit issued as version 3.

23/07/2019 – Permit updated to add products and make other non-technical edits. Expiry date extended to 30/11/2024. Issued as version 4.

09/12/2021 – Crop name amended to 'Gai lan'. Issued as version 5.

12/08/2024 – Products to be used updated to include registered products. Permit holder address updated. Permit reformatted in accordance with current standards. Permit expiry extended to 31/08/2029. Permit issued as version 6.