



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

**PERMIT TO ALLOW MINOR USE OF A REGISTERED AGVET CHEMICAL PRODUCT  
FOR CONTROL OF VARIOUS PLANT DISEASES IN LEAFY AND FRUITING VEGETABLE  
CROPS**

**PERMIT NUMBER – PER81589**

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 21 SEPTEMBER 2016 TO 31 MARCH 2031**

**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:**

ROVRAL AQUAFLO FUNGICIDE (APVMA No. 45725)

PLUS OTHER REGISTERED PRODUCTS

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

ROVRAL LIQUID FUNGICIDE (APVMA No. 30462)

PLUS OTHER REGISTERED PRODUCTS

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

### **SPRAY DRIFT RESTRAINTS:**

Specific definitions for terms used in this section can be found at [apvma.gov.au/spraydrift](http://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. 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 conditions exist most evenings one to two hours before sunset and persist until one to two hours after sunrise.

**Directions for Use:**

Crop	Disease	Rate	Critical Use Comments
Snow Peas Sugar Snap Peas	Sclerotinia Rot ( <i>Sclerotinia</i> spp.) Grey mould ( <i>Botrytis</i> spp.)	<u>250 g/L product</u> 200 mL/100 L water  OR	<ul style="list-style-type: none"> <li>• Apply first application as a seedling drench soon after emergence or transplanting, with a second foliar application 10 – 14 days later.</li> <li>• Apply no more than three (3) applications per crop.</li> <li>• Use sufficient spray volume to ensure thorough coverage of plants.</li> </ul>
Parsley Field grown only		2 L/ha  <u>500 g/L product</u> 100 mL/100 L water  OR	<ul style="list-style-type: none"> <li>• Apply as a foliar spray when conditions favour disease development.</li> <li>• Apply no more than three (3) applications per crop.</li> <li>• Apply using boomspray, air-blast / air-shear / air assisted, knapsack.</li> <li>• Spray should be directed to the stems at ground level and to the underside of lower leaves.</li> </ul>
Cucumber Protected and field grown	Sclerotinia Rot ( <i>Sclerotinia</i> spp.) Grey mould ( <i>Botrytis</i> spp.)	1 L/ha	<ul style="list-style-type: none"> <li>• Apply as a foliar spray when conditions favour disease development.</li> <li>• Apply no more than three (3) applications per crop using boom sprayer, with a 14 day interval between treatments.</li> <li>• Use sufficient spray volume to ensure thorough coverage of plants.</li> </ul>
Beetroot	Alternaria leaf spot ( <i>Alternaria</i> spp.) Sclerotinia Rot ( <i>Sclerotinia</i> spp.) Grey mould ( <i>Botrytis</i> spp.)		<ul style="list-style-type: none"> <li>• Apply as a foliar spray when conditions favour disease development.</li> <li>• Apply no more than two (2) applications per crop using boom sprayer, with a 14 day interval between treatments.</li> <li>• Use sufficient spray volume to ensure thorough coverage of plants.</li> </ul>
Beetroot leaves Chicory Endive Field grown only	Sclerotinia Rot ( <i>Sclerotinia</i> spp.) Grey mould ( <i>Botrytis</i> spp.)		<ul style="list-style-type: none"> <li>• Apply as a foliar spray when conditions favour disease development.</li> <li>• Apply a maximum of three (3) applications per crop.</li> <li>• Spray should be directed to the stems at ground level and to the underside of the leaves.</li> <li>• Spray at 14 day intervals throughout the period of disease pressure, alternating with fungicide of a different MoA chemical group.</li> <li>• Use sufficient spray volume to ensure thorough coverage of plants.</li> </ul>

**Critical Use Comments:**

- Resistance management: **Use is accordance with *CropLife Australia* fungicide resistance management strategy:**  
Iprodione is a Group 2 (Dicarboximide) fungicide. Group 2 also includes procymidone.
  1. Avoid applying two Group 2 fungicide sprays in succession, unless tank mixed with a protectant fungicide such as chlorothalonil.
  2. DO NOT apply more than four (4) Group 2 fungicide sprays per season per crop.

**Withholding Period:*****Harvest***

*Beetroot leaves, Chicory leaves, Cucumber, Endive, Parsley, Snow pea and Sugar snap pea:* DO NOT harvest for 7 days after application.

*Beetroot:* DO NOT harvest for 14 days after application.

***Grazing***

*Beetroot leaves, Chicory and Endive:* DO NOT cut or graze for stock food for 7 DAYS after application.

*Cucumber:* DO NOT use treated plants or fruit from treated plants as stock feed.

*Parsley:* DO NOT graze livestock on treated crops

*Snow peas and Sugar snap peas:* DO NOT cut or graze for stock food.

**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.

***Resistance Management***

Use is accordance with *CropLife Australia* fungicide resistance management strategy: Iprodione has a moderate to high risk of resistance developing. In order to minimise the likelihood of development of fungicide resistance, and where alternatives are available, rotate to use products with as many different modes of action as possible. Further information is available from the website of *CropLife Australia* at <http://www.croplifeaustralia.org.au>.

***To Avoid Crop Damage***

The sensitivity of some species and varieties of the crops 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.

### *Export of treated produce*

Temporary Maximum Residue Limits (TMRLs) have been established to allow treated produce to be used for human consumption. An MRL has been established for IPRODIONE in Beetroot, Beetroot leaves, Chicory leaves, Cucumber, Endive, Parsley and Podded pea (young pods) [snow and sugar snap]. 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: 11/05/2018: Permit amended to update holder details. Permit version 2 issued 11 May 2018.

30/06/2021: Permit expiry extended to 30 June 2026. Issued as version 3.

05/03/2026 – Permit expiry extended to 31 March 2031. Permit issued as Version 4.