



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

**PERMIT TO ALLOW MINOR USE OF A REGISTERED AGVET CHEMICAL  
PRODUCT FOR CONTROL OF DOWNY MILDEW IN SPRING ONIONS AND SHALLOTS**

**PERMIT NUMBER – PER14842**

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 1 OCTOBER 2014 TO 31 MAY 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:

BARMAC COPPER OXYCHLORIDE FUNGICIDE (APVMA No. 41095)

PLUS OTHER REGISTERED PRODUCTS

Containing: 500 g/kg COPPER (CU) PRESENT AS COPPER OXYCHLORIDE as the only active constituent.

AG COPP 750 COPPER FUNGICIDE (APVMA No. 60507)

PLUS OTHER REGISTERED PRODUCTS

Containing: 750 g/kg COPPER (CU) PRESENT AS CUPROUS OXIDE as the only active constituent.

NUFARM COPPER HYDROXIDE 500 FUNGICIDE (APVMA No. 69351)

PLUS OTHER REGISTERED PRODUCTS

Containing: 500 g/kg COPPER (CU) PRESENT AS CUPRIC HYDROXIDE as the only active constituent.

### RESTRAINTS:

DO NOT apply in spray solutions having a pH of less than 6.5 to avoid crop phytotoxicity.

DO NOT apply during the hottest part of the day when temperatures exceed 35°C.

DO NOT apply when slow drying conditions prevail.

DO NOT apply to copper-shy crops or cultivars.

DO NOT apply if it is likely to rain before the spray is dry.

DO NOT apply to wet crops.

### SPRAY DRIFT RESTRAINTS:

Specific definitions for terms used in this section of the permit 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 inversion conditions exist most evenings one to two hours before sunset and persist until one or two hours after sunrise.

**Directions for Use:**

Crop	Plant Disease	Rate
Spring onions Shallots	Downy mildew ( <i>Peronospora destructor</i> )	<u>Copper Oxychloride</u> 2.5 kg/ha or 250 g/100 L  <u>Cuprous Oxide</u> 1.2 kg/ha or 105 g/100 L  <u>Cupric Hydroxide</u> 1.2 kg/ha or 105 g/100 L

**Critical Use Comments:**

- Spray at first sign of disease. Repeat at 10 day intervals.
- DO NOT apply more than 6 applications of copper-based sprays per season (including both stand-alone copper formulations included in this permit and other products containing copper e.g. *Ridomil Gold Plus*).
- Use in accordance with the *Fungicide Resistance Management Strategy* for Downy Mildew in onions.

**Withholding Period:**

Harvest: DO NOT harvest for at least 1 DAY after final spray 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.

Issued by the Australian Pesticides and Veterinary Medicines Authority

Note:

03/05/2018. Permit amended to update holder details. Issued as version 2.

4/07/2019. Expiry date extended to 30/09/2024. Issued as version 3.

27/05/2024 – Permit updated to include restraints including general spray drift restraints. 500 g/kg cupric hydroxide product updated. Application rate amended for 500 g/kg cupric hydroxide product. Additional directions added under critical use comments. Additional conditions updated to current standards. S161 statement added. Permit expiry extended to 31/05/2029. Permit issued as Version 4.