



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

**PERMIT TO ALLOW MINOR USE OF A REGISTERED AGVET CHEMICAL  
PRODUCT FOR BUNCH REMOVAL IN WINE GRAPE VINES**

**PERMIT NUMBER – PER94008**

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 JULY 2025 TO 31 JULY 2030**

**Permit Holder:**

AUSTRALIAN WINE RESEARCH INSTITUTE  
Hartley Grove Cnr Paratoo Road  
URRBRAE SA 5064

**Persons who can use the product under this permit:**

Persons generally.

## CONDITIONS OF USE

### Products to be used:

PROMOTE PLUS 900 GROWTH REGULATOR (APVMA No. 69487)

PLUS OTHER REGISTERED PRODUCTS

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

GRO-PHON 720 GROWTH REGULATOR (APVMA No. 88233)

PLUS OTHER REGISTERED PRODUCTS

Containing: 720 g/L ETHEPHON as the only active constituent.

SHARDA ETHEPHON 480 GROWTH REGULATOR (APVMA No. 85488)

PLUS OTHER REGISTERED PRODUCTS

Containing: 480 g/L ETHEPHON as the only active constituent.

### RESTRAINT:

DO NOT apply if heavy rains or storms are forecast within 3 days.

DO NOT irrigate to the point of water runoff from the vineyard for at least 3 days after application.

### 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. The buffer zones in the relevant buffer zone table/s 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 conditions exist most evenings one to two hours before sunset and persist until one to two hours after sunrise.

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

- spray is not directed above the target canopy
- the outside of the sprayer is turned off when turning at the end of rows and when spraying the outer row on each side of the application site
- for dilute water rates up to the maximum listed for each type of canopy specified, minimum distances between the application site and downwind sensitive areas (see 'Mandatory downwind buffer zones' section of the following table titled 'Buffer zones for vertical sprayers') are observed.

### Buffer zones for vertical sprayers

Mandatory downwind buffer zones (metres)		
Natural aquatic areas	Pollinator areas	Vegetation areas
0	0	10

**Directions for Use:**

Crop	Purpose	Rate
Grape vines used for wine production	Bunch removal	<u>900 g/L products:</u> 32-104 mL/100 L <u>720 g/L products:</u> 40-130 mL/100 L <u>480 g/L products:</u> 63-190 mL/100 L

**Critical Use Comments:**

- Apply at flowering EL 25, 80% caps off and no later than EL 27.
- Apply via air-blast sprayer.
- Add a registered non-ionic wetter as per the product label.
- Use sufficient spray volume to achieve runoff.
- DO NOT apply more than 2 applications per crop.
- DO NOT apply less than 7 days after the initial application.
- Ethephon use in this manner has been shown to reduce crop yields in the following season.
- Thoroughly wash equipment after ethephon application to ensure all residue is removed before use on non-target vines.
- Ethephon is an anti-cholinesterase compound. Repeated minor exposure may have a cumulative poisoning effect. Adhere to all safety directions on the product label.

**Withholding Period:**

Harvest: Do not harvest for 8 weeks after application.

Grazing: DO NOT graze any treated plants or cut for stock food.

**Jurisdiction:**

All States and Territories.

**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*

Growers should note that maximum residue limits (MRLs) or import tolerances may not exist in all markets for grapes treated with ethephon. If you are growing grapes for wine production for export, please check with AWRI for the latest information on MRLs and import tolerances before using ethephon.

Issued by the Australian Pesticides and Veterinary Medicines Authority