



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

**PERMIT TO ALLOW MINOR USE OF A REGISTERED AGVET CHEMICAL  
PRODUCT FOR PROMOTION OF NUTFALL IN MACADAMIAS**

**PERMIT NUMBER – PER11462**

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 7 MAY 2009 TO 31 MAY 2030**

**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:

ETHIN GROWTH REGULATOR (APVMA No. 62058)

PLUS OTHER REGISTERED PRODUCTS

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

FARMALINX ETHON 720 GROWTH REGULATOR (APVMA No. 64360)

PLUS OTHER REGISTERED PRODUCTS

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

PROMOTE PLUS 900 GROWTH REGULATOR (APVMA No. 69487)

PLUS OTHER REGISTERED PRODUCTS

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

### RESTRAINT:

Refer to product labels.

### 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 kms 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 to two hours after sunrise.

### Directions for Use:

Crop	Purpose	Rate
Macadamias (Do not use on Teddington variety)	Promote nutfall after maturity reached	<u>480 g/L products:</u> 65 – 250 mL /100 L water Refer critical use comments below.  <u>720 g/L products:</u> 55 – 165 mL /100 L water Refer critical use comments below.  <u>900 g/L products:</u> 44 – 132 mL /100 L water Refer critical use comments below.

### Critical Use Comments:

- DO NOT spray trees if they are stressed.
- DO NOT spray close to flowering or after flower buds have begun to expand.
- Spray at the first sign of natural nut drop. Ethephon is more effective if used when natural abscission has begun. Applications should be made before the end of May.

- Add a non-ionic wetter at 20 mL/100 L (e.g. *Agral Spray Adjuvant*). As an alternative to non-ionic wetter, an adjuvant such as *Spraytech Oil Multipurpose Spray Adjuvant* can be added at 125 mL/100 L water. Addition of urea at 70 g/100 L-water can be useful for some varieties.

#### *480 g/L products:*

- Many varieties require 150 – 200 mL/100 L. However, cultivars 842 and 814 seem to be more sensitive and so require a lower rate of 65 – 100 mL/100 L. The higher rates may be required for colder climates and less responsive cultivars such as A16.

#### *720 g/L products:*

- Many varieties require 100 – 135 mL/100 L. However, cultivars 842 and 814 seem to be more sensitive and so require a lower rate of 44 – 67 mL/100 L. The higher rates may be required for colder climates and less responsive cultivars such as A16.

#### *900 g/L products:*

- Many varieties require 80 – 105 mL/100 L. However, cultivars 842 and 814 seem to be more sensitive and so require a lower rate of 35 – 75 mL/100 L. The higher rates may be required for colder climates and less responsive cultivars such as A16.

### **Withholding Period:**

Harvest: Do not harvest for 7 days after application.

### **Jurisdiction:**

NSW, QLD, NT and WA only.

### **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*

The sensitivity of the crop 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*

Maximum Residue Limits (MRLs) have been established to allow treated produce to be used for human consumption. An MRL has been established for ETHEPHON in MACADMIAS. 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: 17/04/2015 –Permit expiry extended to 30/06/2020. Permit issued as Version 2.

13/04/2020 –Permit holder amended and permit expiry extended to 30/06/2025. Permit issued as Version 3.

14/05/2025 – s161 statement added. Spray drift restraints added. Permit expiry extended to 31/05/2030. Permit issued as Version 4.