



**PERMIT TO ALLOW MINOR USE OF AN AGVET CHEMICAL PRODUCT**

**FOR THE SUPPRESSION OR CONTROL VARIOUS FUNGAL DISEASES IN NURSERY STOCK (NON FOOD), FOLIAGE AND CUT FLOWERS INCLUDING WILDFLOWERS**

**PERMIT NUMBER – PER84952**

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 any person to claim that the product can be used in the manner specified in this permit.

**THIS PERMIT IS IN FORCE FROM 21 FEBRUARY 2018 TO 28 FEBRUARY 2023**

**Permit Holder:**

FLOWER ASSOCIATION OF QLD INC  
c/o AgAware Consulting Pty Ltd  
21 Rosella Avenue  
STRATHFIELDSAYE VIC 3551

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

Persons generally.

## CONDITIONS OF USE

### **Products to be used:**

#### **Fungicides:**

ECOCARB FUNGICIDE (58103)

PLUS OTHER REGISTERED PRODUCTS

Containing: 940 g/L POTASSIUM BICARBONATE as the only active constituent

FILAN FUNGICIDE (56362)

PLUS OTHER REGISTERED PRODUCTS

Containing: 500 g/kg BOSCALID as the only active constituent.

**Directions for Use:**

**Nursery stock [(non-food) – seedlings, plugs, potted colour, trees, shrubs, foliage plants, palms, grasses, fruit trees (non-bearing)], cut flowers including wildflowers and foliage.**

**Wildflowers – Refer to wildflowers listed in Appendix 1.**

Disease	Product	Rate (product)	Critical Use Comments
Ink Disease <i>(Alternaria alternate)</i>	<b>Ecocarb Fungicide</b> 940 g/L potassium bicarbonate	Suppression Only  0.4 – 1.2 kg product / 100 L  Add suitable spray oil at 200 - 500 mL/100 L.	<ul style="list-style-type: none"> <li>▪ Apply at first sign of disease or when conditions favour development of disease. Repeat spray application at intervals of 10 to 14 days as new infection occurs.</li> <li>▪ Preventative treatment only and needs to be applied as close to infection events as possible.</li> <li>▪ Complete and thorough coverage of all foliage and other parts of the crop is essential to achieve good control. Apply spray diluent to foliage to the point of run-off.</li> <li>▪ Apply using spray volume between 400 to 1,000 L/ha, depending on crop type, canopy size, and maturity and density of crop.</li> <li>▪ Add suitable horticultural spray oil at 200 to 500 mL/100 L.</li> <li>▪ Use suitable ground application equipment. Ensure equipment is correctly calibrated.</li> <li>▪ Ensure plants are not suffering from any environmental stress (e.g. moisture or heat) when applying product.</li> <li>▪ Adhere to any Restraints listed under Directions for Use on the product label.</li> <li>▪ Rotate fungicide mode of action groups within and across growing seasons.</li> <li>▪ Use in accordance with existing disease resistance management strategies and in accordance with best practice.</li> <li>▪ Refer to the product label for Safety Directions and First-aid Instructions.</li> </ul>
Botrytis, Powdery mildew	<b>Filan Fungicide</b> 500 g/kg boscalid	100 – 120 g / 100 L	<ul style="list-style-type: none"> <li>▪ Apply in accordance with approved product label directions.</li> <li>▪ Adhere to any Restraints listed under Directions for Use on the product label.</li> <li>▪ Thorough coverage of foliage is essential: apply dilute spray to the point of runoff.</li> <li>▪ Adjust water spray volume to crop density and growth stage.</li> <li>▪ Use suitable and correctly calibrated ground application equipment.</li> <li>▪ Use higher rate when insect infestation is high, or conditions favour high disease pressure.</li> <li>▪ Refer to the product label for Re-entry Period, Safety Directions and First-aid Instructions.</li> <li>▪ Refer to existing disease resistance management strategies and use in accordance with best practice.</li> </ul>

**Withholding Period:****Products containing 940g/L potassium bicarbonate**

NOT REQUIRED WHEN USED AS DIRECTED

**Products containing 500 g/kg boscalid**

DO NOT GRAZE OR FEED MATERIAL CUT FROM TREATED PLANTS TO LIVESTOCK, INCLUDING POULTRY

**Jurisdiction:**

ALL STATES, except VIC

Note: Victoria is not included in this permit as their *Control-of-Use* legislation means that an APVMA permit is not required to legalise this off-label use in that state. Certain chemical products, however, require state approval.**Additional Conditions:*****To Avoid Crop Damage:***

The use of products under this permit have NOT been fully evaluated for crop safety on all species or in all situations where treatment may be undertaken. It is therefore recommended to treat a sample area and assess appropriately prior to whole crop treatment to help minimise potential for any phytotoxic damage.

***Efficacy:***

Potassium Bicarbonate products have registered label use for control of Powdery Mildew diseases on grapevines and roses. Potassium bicarbonate has shown broad spectrum activity against a range of fungal pathogens. The chemical acts exclusively through direct contact to spores and fungal hyphae on the plant surface, and the mode of action is rapid against sensitive fungi. The chemical is expected to show a high level of activity against the causal fungi of the plant/crop diseases listed in this permit. However, suppression of the severity of the disease may only be achieved, as the effectiveness of disease control has not been fully ascertained for all crop types listed and/or in all situations where treatment will be undertaken.

This PERMIT provides for the use of a product in a manner other than specified on the approved label of the product. Unless otherwise stated in this permit, the use of the product must be in accordance with instructions on its label.

PERSONS who wish to prepare for use and/or use the products for the purposes specified in this permit must read, or have read to them, the permit particularly the information included in DETAILS OF PERMIT and CONDITIONS OF PERMIT.

**Appendix 1****Wildflower crops**Banksia species (*Banksia* spp.) - cultivars and hybridsBerzelia or button brush (*Berzelia* spp.)Black kangaroo paw species (*Macropidia* spp.) - cultivars and hybridsChristmas bells (*Blandfordia grandiflora*)Christmas bush (*Ceratopetalum gummiferum*)Geraldton wax, Waxflower species (*Chamelaucium* spp.) - cultivars and hybridsKangaroo paw species (*Anigozanthos* spp.) - cultivars and hybrids

Leucadendron species - cultivars and hybrids

Leucospermum species (*Leucospermum* spp.) - cultivars and hybrids (pincushions)Protea species (*Protea* spp.) - cultivars and hybridsRiceflower (*Ozothamnus diosmifolius*)Waratah species (*Telopea speciosissima*) - cultivars and hybrids

Issued by the Australian Pesticides and Veterinary Medicines Authority