PERMIT TO ALLOW MINOR USE OF VARIOUS AGVET CHEMICAL PRODUCTS
FOR CONTROL OF PESTS AND DISEASES IN *Tanacetum cinerariifolium* CROPS

PERMIT NUMBER – PER11831

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 22 DECEMBER 2010 TO 30 JUNE 2023**

**Permit Holder:**
CROPGROW PTY LTD
C/- Level 8, 22 Elizabeth Street
Hobart TAS 7000

**Persons who can use the product under this permit:**
Contracted growers, who are trained and experienced in the use of Agricultural chemicals, under the direction of the Permit Holder.
DIRECTIONS OF USE

Persons treating *Tanacetum cinerariifolium* must refer to the following Tables;

- **Table A** Herbicides
- **Table B** Fungicides
- **Table C** Insecticides
- **Table D** Growth Regulators

**Additional Conditions:**

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 products for the purposes specified in this permit must read, or have read to them, the DETAILS and CONDITIONS of this permit.

**To Avoid Crop Damage:**
The sensitivity of *Tanacetum cinerariifolium* to be treated under this permit has not been evaluated. A small area of crop should therefore be sprayed in the first instance, and plant health closely monitored over the following days/weeks. Discontinue applications when any adverse symptoms post-treatment are observed.

Issued by the Australian Pesticides and Veterinary Medicines Authority

- **21/05/2012:** Additional products Frontier, Spinnaker, Switch and Shirlan listed. Issued as version 3.
- **23/07/2014:** Correct permit preamble restricting issuance under the SA Agvet code only. Issued as version 4.
- **17/04/2015:** Further consolidation of use patterns to include imazapic/imazapyr (OnDuty Herbicide), Uniconazole-P (Sumagic PGR), pirimicarb (Primor WG Aphicide) and synergised pyrethrins. Permit expiry date for consolidated permit extended to 30/04/2020. Issued as version 5.
- **20/07/2015:** Addition of penthiopyrad for control of grey mould, under application number 102612. Issued as Version 6
- **22/12/2016:** Permit holder changed, removal of; Sertin 186 EC, Spinnaker 700 WDG, Nuram Elect 500, Rovral Liquid, Rovral Aquaflo and Pirimor WG, Shirlan Fungicide replaces with Emblem Fungicide and ‘Persons who can use the product under permit’ amended from ‘Persons Generally’ to ‘Contracted Growers only. Issued as Version 7.
- **13/06/2018:** Crop wording amended to *Tanacetum cinerariifolium* throughout permit for consistency, and permit extended to June 30, 2023 permit issued as Version 8.
**Products to be used:**
ALL ENTRIES INCLUDE OTHER REGISTERED PRODUCTS CONTAINING THE SPECIFIED ACTIVES.

**HERBICIDES**

**ECLIPSE 100SC HERBICIDE**
Containing: 100 g/L METOSULAM as the only active constituent.

**TRAMAT 500 SC SELECTIVE HERBICIDE**
Containing: 500 g/L ETHOFUMESATE as the only active constituent.

**TOTRIL SELECTIVE HERBICIDE**
Containing: 250 g/L IOXYNIL present as IOXYNIL OCTANOATE as the only active constituent.

**AFALON FLOWABLE SELECTIVE WEEDKILLER**
Containing: 450 g/L LINURON as the only active constituent.

**RAPTOR WG HERBICIDE**
Containing: 700 g/kg IMAZAMOX as the only active constituent.

**BRODAL SELECTIVE HERBICIDE**
Containing: 500 g/L DIFLUFENICAN as the only active constituent.

**SELECT HERBICIDE**
Containing: 240 g/L CLETHODIM as the only active constituent.

**DOW AGROSCIENCES KERB 500 SC SELECTIVE HERBICIDE**
Containing: 500 g/L PROPYZAMIDE as the only active constituent.

**BASTA NON-SELECTIVE HERBICIDE**
Containing: 200 g/L GLUFOSINATE-AMMONIUM as the only active constituent.

**FLOWABLE GESATOP 500 SC LIQUID HERBICIDE**
Containing: 500 g/L SIMAZINE as the only active constituent.

**FLOWABLE GESATOP 600 SC LIQUID HERBICIDE**
Containing: 600 g/L SIMAZINE as the only active constituent.

**FARMOZ SIMAZINE 900 WDG HERBICIDE**
Containing: 900 g/kg SIMAZINE as the only active constituent.

**BARON 400 WP SELECTIVE HERBICIDE**
Containing: 400g/kg OXYFLUORFEN as the only active constituent.

**FRONTIER-P HERBICIDE**
Containing: 720 g/L DIMETHENAMID as the only active constituent.

**ONDUTY HERBICIDE**
Containing: 525 g/kg IMAZAPIC and 175 g/kg IMAZAPYR as the only active constituents.

**FUNGICIDES**

**SCORE FOLIAR FUNGICIDE**
Containing: 250 g/L DIFENOCONAZOLE as the only active constituent.
AMISTAR 250 SC FUNGICIDE
Containing: 250 g/L AZOXYSTROBIN as the only active constituent.

AMISTAR WG FUNGICIDE
Containing: 500 g/kg AZOXYSTROBIN as the only active constituent.

DUPONT FONTELIS FUNGICIDE
Containing: 200 g/L PENTHIOPYRAD as the only active constituent.

BRAVO FUNGICIDE
Containing: 720 g/L CHLOROTHALONIL as the only active constituent.

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

NUFARM CABRIO FUNGICIDE
Containing: 250 g/L PYRACLOSTROBIN as the only active constituent.

CHORUS FOLIAR FUNGICIDE
Containing: 500 g/kg CYPRODINIL as the only active constituent.

NUFARM SPIN FLO SYSTEMIC FUNGICIDE
Containing: 500 g/L CARBENDAZIM as the only active constituent.

SWITCH FUNGICIDE
Containing: 375 g/kg CYPRODINIL and 250 g/kg FLUDIOXONIL as the only active constituents.

EMBLEM FUNGICIDE
Containing: 500 g/L FLUAZINAM as the only active constituent.

INSECTICIDES

KENDON PYRETHRUM SF INSECTICIDE
Containing: 75 g/L PYRETHRIN and 300 g/L PIPERONYL BUTOXIDE as the only active constituents.

GROWTH REGULATOR

SUMAGIC PLANT GROWTH REGULATOR
Containing: 50g/L UNICONAZOLE-P as the only active constituent.
Directions for use:
Use in accordance with recommendations as directed by *Tanacetum cinerariifolium* advisors or consultants, but within the Directions for Use on both this permit and the respective registered labels.

### TABLE A: HERBICIDE Use on *Tanacetum cinerariifolium* Crops

<table>
<thead>
<tr>
<th>Pest</th>
<th>Active Constituent (level) and Rate of application</th>
<th>States</th>
<th>Withholding Period</th>
<th>Critical Use Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>WHITE CLOVER</td>
<td><strong>Metosulam (100g/L)</strong> 45 mL product / ha</td>
<td>TAS</td>
<td>DO NOT graze or cut treated area for stockfood for 4 WEEKS after application.</td>
<td>Boom spray application only. Use in accordance with directions on product label.</td>
</tr>
<tr>
<td>WHITE CLOVER</td>
<td><strong>Ethofumesate (500g/L)</strong> 400 – 800 mL product / ha</td>
<td>SA/TAS*</td>
<td>DO NOT harvest for 25 WEEKS after application.</td>
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<tr>
<td>SUBTERRANEAN CLOVER</td>
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<tr>
<td>LESSER SWINECRESS</td>
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<tr>
<td>WILD TURNIP</td>
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<tr>
<td>VOLUNTEER POTATO</td>
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<tr>
<td>CHICK WEED</td>
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<tr>
<td>CLEAVERS</td>
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<tr>
<td>LESSER SWINECRESS</td>
<td><strong>Ioxynil (250g/L)</strong> 100 – 1000 mL product / ha</td>
<td>SA/TAS*</td>
<td>DO NOT harvest for 25 WEEKS after application.</td>
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<tr>
<td>WILD TURNIP</td>
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<tr>
<td>VOLUNTEER POTATO</td>
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<tr>
<td>CHICK WEED</td>
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<tr>
<td>SHEPHERD'S PURSE</td>
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<tr>
<td>WILD RADISH, SHEPARD'S PURSE, AMARANTHUS</td>
<td><strong>Imazamox (700 g/kg)</strong> 45 g product / ha</td>
<td>TAS only</td>
<td>DO NOT graze or cut treated area for stockfood for 6 WEEKS after application.</td>
<td></td>
</tr>
<tr>
<td>Pest</td>
<td>Active Constituent (level) and Rate of application</td>
<td>States</td>
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<td>Critical Use Comments</td>
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<tr>
<td>LESSER SWINECRESS</td>
<td>Linuron (450 g/L) 200 - 500 mL product / ha</td>
<td>SA</td>
<td>DO NOT harvest for 25 WEEKS after application.</td>
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<tr>
<td>WILD RADISH</td>
<td></td>
<td>TAS*</td>
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<tr>
<td>SHEPHERDS PURSE</td>
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<tr>
<td>VOLUNTEER POTATO</td>
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<tr>
<td>CHICKWEED</td>
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<tr>
<td>WILD TURNIP</td>
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<tr>
<td>HAWKBIT</td>
<td>Diflufenican (500 g/L) 100 – 300 mL product / ha</td>
<td>SA</td>
<td>DO NOT harvest for 20 WEEKS after application.</td>
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<td>DANDELION</td>
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<td>TAS</td>
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<tr>
<td>CATS EAR</td>
<td></td>
<td>VIC</td>
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<tr>
<td>WILD TURNIP</td>
<td></td>
<td>only</td>
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<tr>
<td>WILD RADISH</td>
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<tr>
<td>SHEPHERD'S PURSE</td>
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<tr>
<td>RANGE OF WEEDS LISTED ON LABEL.</td>
<td>Dimethenamid (720 g/L) 1.4 L product / ha</td>
<td>TAS</td>
<td>Harvest withholding period not required when used as directed. Apply to established plants as per label directions for the target weed.</td>
<td></td>
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<tr>
<td>ANNUAL RYEGRASS</td>
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<td>only</td>
<td>DO NOT graze or cut the treated crop for stockfeed after application.</td>
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<tr>
<td>BURR CHERVIL</td>
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<td>Apply only in crops where there is evidence of Group A or B herbicide resistant ryegrass (HRR).</td>
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<tr>
<td>KNOTTED HEDGE</td>
<td>Propyzamide (500 g/L) 2.5 – 4.5 L product / ha</td>
<td>TAS</td>
<td>NOT REQUIRED WHEN USED AS DIRECTED</td>
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</tr>
<tr>
<td>PARSLEY</td>
<td>(Apply in a spray volume of 330-550 L/ha)</td>
<td>only</td>
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<tr>
<td>GROUNDSEL</td>
<td>Simazine (500 g/L) 2 – 4 L product / ha</td>
<td>TAS</td>
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<tr>
<td></td>
<td>Simazine (600 g/L) 1.6 – 3.3 L product / ha</td>
<td>only</td>
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<tr>
<td></td>
<td>Simazine (900 g/kg) 1.1 – 2.2 kg product / ha</td>
<td>only</td>
<td></td>
<td></td>
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<tr>
<td>Pest</td>
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</tr>
<tr>
<td>GROUNDSEL</td>
<td><strong>Oxyfluorfen (400 g/kg)</strong>&lt;br&gt;0.5 – 2 kg product / ha</td>
<td>TAS only</td>
<td>NOT REQUIRED WHEN USED AS DIRECTED</td>
<td>Application by tractor mounted boom sprayer or similar.</td>
</tr>
<tr>
<td>WILD RADISH &amp; WILD CARROT</td>
<td><strong>Imazapic (525 g/kg) and Imazapyr (175 g/kg)</strong>&lt;br&gt;55 g product / ha</td>
<td>TAS only</td>
<td>Harvest withholding period not required when used as directed.&lt;br&gt;DO NOT graze treated area or cut for stock food.</td>
<td>Carefully consider following crop options <strong>prior</strong> to commencing use of OnDuty.&lt;br&gt;Due to the mode of action of OnDuty, death of target weeds can take several weeks. Similarly, any potential deleterious effect on crop health may not be obvious for some time following herbicide application.</td>
</tr>
<tr>
<td>ANNUAL RYEGRASS</td>
<td><strong>Clethodim (240 g/L)</strong>&lt;br&gt;250 - 400 mL product / ha</td>
<td>TAS*</td>
<td>NOT REQUIRED WHEN USED AS DIRECTED</td>
<td>Use boom spray only. Add wetting agent as directed on the label.</td>
</tr>
<tr>
<td>WHITE CLOVER&lt;br&gt;SUBTERRANEAN CLOVER&lt;br&gt;CAPEWEED&lt;br&gt;MILK THISTLE&lt;br&gt;SPEAR THISTLE&lt;br&gt;CLEAVERS&lt;br&gt;WILD RADDISH&lt;br&gt;HAWKBIT&lt;br&gt;CATS EAR&lt;br&gt;DANDELION</td>
<td><strong>Glufosinate-ammonium (200 g/L)</strong>&lt;br&gt;30 – 75 mL product /15 L water</td>
<td>TAS only</td>
<td>NOT REQUIRED WHEN USED AS DIRECTED</td>
<td>Apply directly to weeds by knapsack only.&lt;br&gt;Avoid direct contact with <em>Tanacetum cinerariifolium</em>.</td>
</tr>
</tbody>
</table>

*(Note: Victoria is not included in this permit because their ‘control-of-use’ legislation means that a permit is not required to legalise this off-label use in VIC).*
<table>
<thead>
<tr>
<th>Pest</th>
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</tr>
</thead>
</table>
| RAY BLIGHT DISEASE  
(*Phoma ligulicola*) | **Difenoconazole (250 g/L)**  
250 – 500 mL product / ha  
**Azoxyystrobin (250 g/L)**  
600 g product / ha  
**Azoxyystrobin (500 g/kg)**  
300 g product / ha  
**Chlorothalonil (720 g/L)**  
1.4 L product / ha  
**Boscalid (500 g/kg)**  
1 kg product / ha  
**Pyraclostrobin (250 g/L)**  
1 L product / ha  
**Cyprodinil (500 g/kg)**  
1 kg product / ha | TAS* | HARVEST WHP NOT REQUIRED WHEN USED AS DIRECTED  
DO NOT GRAZE OR CUT TREATED AREA FOR STOCK FOOD.  
DO NOT apply fungicides from the same chemical group more than 3 times in a season.  
DO NOT disregard label restrictions on spray concentration unless equipment has been recently calibrated to ensure sufficient water volume is delivered to ensure sufficient water volume is delivered to achieve thorough coverage of all foliage. |
| Sclerotinia sclerotiorum | **Carbendazim (500g/L)**  
750 mL product / ha | TAS* | Application by tractor mounted boom sprayer or similar. |
| SCLEROTINIA FLOWER ROT  
(*Sclerotinia sclerotiorum, S. minor*)  
GREY MOULD  
(*Botrytis cinerea*) | **Penthiopyrad (200 g/L)**  
1.75 L product / ha | TAS* | HARVEST WHP NOT REQUIRED WHEN USED AS DIRECTED  
DO NOT GRAZE OR CUT TREATED AREA FOR STOCK FOOD.  
Use spray volume of 250 L water / ha. |
| SCLEROTINIA CROWN ROT  
(*Sclerotinia spp.*) | **Fluazinam (500 g/L)**  
1 L product / ha | TAS* | Apply in a total spray volume of 250 L/ha. |
<table>
<thead>
<tr>
<th>Pest</th>
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</tr>
</thead>
</table>
| WINTER DIEBACK COMPLEX  
(Ray blight; *Phoma ligulicola* and Tan spot *Microsphaeropsis tanaceti*) | Cyprodinil (375 g/kg) and Fludioxonil (250 g/kg)  
1 kg product / ha | | | Apply in a total spray volume of 400 L/ha. |

*(Note: Victoria is not included in this permit because their ‘control-of-use’ legislation means that a permit is not required to legalise this off-label use in VIC).*
**TABLE C: INSECTICIDE Use on *Tanacetum cinerariifolium* Crops**

<table>
<thead>
<tr>
<th>Pest</th>
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</tr>
</thead>
<tbody>
<tr>
<td>APHIDS</td>
<td>Pyrethrins (75 g/L) plus Piperonyl butoxide (300 g/L) 350 mL product / ha</td>
<td>TAS</td>
<td>only</td>
<td>Apply only one application per season to affected areas of the crop where aphids are causing visible extensive damage. Application by tractor mounted boom sprayer or similar.</td>
</tr>
</tbody>
</table>

**TABLE D: GROWTH REGULATOR Use on *Tanacetum cinerariifolium* Crops**

<table>
<thead>
<tr>
<th>Activity</th>
<th>Active Constituent and Rate</th>
<th>States</th>
<th>Withholding Period</th>
<th>Critical Use Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plant Growth Regulation to reduce plant height and increase flower biomass.</td>
<td><strong>Uniconazole-P (50 g/L)</strong> 1 L product / ha</td>
<td>TAS/</td>
<td>DO NOT graze livestock in treated areas, or cut or process treated plant material for stock feed. Ground application ONLY using suitable calibrated boom spray equipment in a volume of 100 L/ha. Refer to product label for further instructions on Mixing and Application.</td>
<td></td>
</tr>
</tbody>
</table>