

## NATIONAL HHP FRAMEWORK TEMPLATE: 2,4-D

### 1. General information about 2,4-D

Status of the document	Draft: 17.06.2025 Approved: [date]
Country	Australia
Country-specific notes	<ol style="list-style-type: none"> <li>1. 2,4-D products containing <math>\leq 20\%</math> of this active constituent are listed in Schedule 5 (S5) of the Poisons Standard (i.e., considered to be substances with a low potential for causing harm, the extent of which can be reduced through the use of appropriate packaging with simple warnings and safety directions on the label). 2,4-D products containing <math>&gt; 20\%</math> of this active constituent are listed in Schedule 6 (S6) of the Poisons Standard (i.e., substances with a moderate potential for causing harm, the extent of which can be reduced through the use of distinctive packaging with strong warnings and safety directions on the label). States and Territories have laws, regulations and codes of practice regarding the storage, control, possession and use of S5 and S6 products. State and territory legislation and other requirements change frequently. <i>The Organisation*</i> must check that they are compliant with the APVMA label, recent legislative and other requirements.</li> <li>2. Queensland tightly regulates the ground distribution of herbicides (especially volatile herbicides) via the Agricultural Chemicals Distribution Control Act 1966, the Agricultural Chemicals Distribution Control Regulation 2021, the Chemical Usage (Agricultural and Veterinary) Control Act 1988 and the Chemical Usage (Agricultural and Veterinary) Control Regulation 2017. <i>The Organisation*</i> must check that they are compliant with these laws.</li> <li>3. NSW has strict record keeping requirements under Records Regulation of the Pesticide Act 1999. Users must record the weather and relevant spray details. <i>The Organisation*</i> must check that they are compliant with these laws.</li> <li>4. Tasmania has a requirement for users of 2,4-D to apply for a permit for use during the period 15 September to 15 April. <i>The Organisation*</i> must check that they are compliant with these laws.</li> <li>5. There are specific legal restrictions regarding where 2,4-D products can be used and what type of 2,4-D products can be used in Western Australia (Agriculture and Related Resources Protection (Spraying Restrictions) Regulations 1979; <a href="https://www.legislation.wa.gov.au/legislation/statutes.nsf/law_s4272.html">https://www.legislation.wa.gov.au/legislation/statutes.nsf/law_s4272.html</a>). <i>The Organisation*</i> must check that they are compliant with these laws.</li> </ol>

	<p>6. South Australia has a mandatory code of practice regarding the use of 2,4-D for summer weed control. <i>The Organisation*</i> must check that they are compliant with this mandatory code of practice.</p> <p>7. The Northern Territory has a Weed Management Handbook. <i>The Organisation*</i> must check that they are compliant with this handbook.</p> <p>8. High volatile ester and dibutylamine chemical forms of 2,4-D have high volatility, greater propensity for volatile spray drift and thus greater risk for off-target damage to plants. Where feasible, low volatility 2,4-D products should be used.</p> <p>9. PER92448 (permit authorising use of certain agricultural chemical products containing the active constituent 2,4,-Dichlorophenoxyacetic acid (2,4-d) for aerial application in forestry situations) has been issued to address matters relating to aerial application of 2,4-D by providing further information on how to comply with droplet spectra requirements and to provide access to alternative uses in a forestry situation whilst continuing to address spray drift concerns. <i>The Organisation*</i> must check that they are compliant with this permit until such a time where the permit expires.</p>
<b>Target pesticide</b>	<p><b>Commercial name(s):</b></p> <p>There are numerous product names, formulation types, concentrations and salts or esters. Names of low volatility products include:</p> <ul style="list-style-type: none"> <li>• FlexAg 2,4-D LV Ester 680 Herbicide (APVMA product number 94893)</li> <li>• Swan 2,4-D LV Ester 680 Herbicide (APVMA product number 94023)</li> <li>• NAADCO 2,4-D Amine 625 Herbicide (APVMA product number 94781)</li> <li>• Cholex-D-Herbicide (APMVA product number 91625)</li> <li>• Titan Amine 450 Herbicide (APVMA product number 87499)</li> <li>• Spalding 2,4-D IPA 450 SL Herbicide (APVMA product number 86786)</li> </ul> <p>Refer to the APVMA PubCRIS database (<a href="https://portal.apvma.gov.au/pubcris">https://portal.apvma.gov.au/pubcris</a>) for the full list of registered products in Australia with this active ingredient.</p> <p><b>Active ingredient name:</b> 2,4-D</p>
<b>Pesticide category (<u>underline</u>)</b>	<p>FSC prohibited HHP</p> <p>FSC highly restricted HHP</p> <p><u>FSC restricted HHP</u></p>

<b>Hazard criteria met</b> ( <u>underline</u> )	<p>See: &lt;<a href="#">FSC-POL-30-001a V1-1 Lists of Highly Hazardous Pesticides</a>&gt;</p> <ol style="list-style-type: none"> <li>1) Relevant international agreements or conventions: 1.1.a; 1.1.b; 1.1.c</li> <li>2) <u>Acute toxicity to mammals and birds</u>: 2.1.a; <u>2.1.b</u>; 2.1.c</li> <li>3) Carcinogenicity: 3.1.a; 3.1.b; 3.1.c</li> <li>4) Mutagenicity to mammals: 4.1.a</li> <li>5) Developmental and reproductive toxicity: 5.1.a</li> <li>6) Endocrine disrupting chemicals (EDC): 6.1.a; 6.1.b</li> <li>7) Acute toxicity to aquatic organisms: 7</li> <li>8) Persistence in soil or water and low sorption potential and biomagnification and bioaccumulation: 8</li> <li>9) Dioxins (residues or emissions): 9</li> <li>10) Heavy metals: 10</li> </ol>
<b>Indicators and thresholds for the identification as FSC highly hazardous pesticide</b>	2.1b Acute toxicity to mammals and birds LD50 < 200 mg/kg body weight
<b>Safety data sheet (SDS)</b>	<p>Typical example:</p> <p><a href="https://www.adama.com/australia/en/media/2656/download?attachment">https://www.adama.com/australia/en/media/2656/download?attachment</a></p>
<b>Product label</b>	<p>Typical example:</p> <p><a href="https://www.adama.com/australia/en/media/5416/download?attachment">https://www.adama.com/australia/en/media/5416/download?attachment</a></p>
<b>Existing national or regional level risk assessments undertaken by regulatory agencies</b>	APVMA: <a href="https://www.apvma.gov.au/chemicals-and-products/chemical-review/listing/24-d">https://www.apvma.gov.au/chemicals-and-products/chemical-review/listing/24-d</a>
<b>Purpose for the use of the HHP</b> ( <u>underline</u> )	Protection of trees or other vegetation, logs, human health, livestock, native species, seeds or seedlings, <u>weed control</u>

## 2. Environmental and social risk assessment (ESRA) for the use of 2,4-D

Please refer to the risk profiling in <FSC ESRA 2,4-D> document, which is available on <https://anz.fsc.org/forest-management-certification/australian-forest-management-certification>

## 3. Decision on the use of 2,4-D

Based on the risk characterisation above, the Standard Development Group has concluded that (underline):

2,4-D may be used in Australia

2,4-D shall not be used in  
Australia

#### **4. Risk mitigation strategies**

Please refer to the 'Mitigation strategies defined to minimise risk' column in the risk profiling in <FSC ESRA 2,4-D080> document and the associated <FSC listed HHP chemicals general mitigation measures>. Both documents are available on <https://anz.fsc.org/forest-management-certification/australian-forest-management-certification>

#### **5. Definition of circumstances where a highly restricted HHPs may be used instead of a restricted HHP**

Not applicable in Australia

# NATIONAL HHP FRAMEWORK TEMPLATE: ALPHA-CYPERMETHRIN

## 1. General information about alpha-cypermethrin

<b>Status of the document</b>	<p>Draft: 17.06.2025</p> <p>Approved: [date]</p>
<b>Country</b>	<b>Australia</b>
<b>Country-specific notes</b>	<p>1. Alpha-cypermethrin is listed in the Poisons Standard as follows</p> <ul style="list-style-type: none"> <li>• Schedule 5 (S5): <ul style="list-style-type: none"> <li>○ (a) In aqueous preparations containing 3% or less of alpha-cypermethrin; or</li> <li>○ (b) in other preparations containing 1.5% or less of alpha-cypermethrin.</li> </ul> </li> </ul> <p>Schedule 6 (S6):</p> <ul style="list-style-type: none"> <li>○ (a) in aqueous preparations containing 30% or less of alpha-cypermethrin; or</li> <li>○ (b) in other preparations containing 10% or less of alpha-cypermethrin;</li> </ul> <p>except when included in Schedule 5.</p> <p>Schedule 7 (S7):</p> <ul style="list-style-type: none"> <li>○ Alpha-cypermethrin except when included in Schedule 5 or 6.</li> </ul> <p>Products relevant to this document are classified as S6 in the Poison's standard.</p> <p>2. Substances listed in S6 of the Poisons Standard are considered to be substances with a low potential for causing harm, the extent of which can be reduced through the use of appropriate packaging with simple warnings and safety directions on the label. States and Territories have laws, regulations and codes of practice regarding the storage, control, possession and use of S6 products. State and territory legislation and other requirements change frequently. <i>The Organisation*</i> must check that they are compliant with the APVMA label and recent legislative and other requirements.</p> <p>3. Schedule 7 alpha-cypermethrin products are registered in the Australian market. This document does not cover these products.</p> <p>4. Some alpha-cypermethrin products are registered for general household use. This document does not include these types of products.</p>

	5. Alpha-cypermethrin products may include bifenthrin or broflanilide. This document does not include these types of products.
<b>Target pesticide</b>	<p><b>Commercial name(s):</b></p> <p>There are numerous different alpha-cypermethrin products. Names of alpha-cypermethrin products include:</p> <ul style="list-style-type: none"> <li>• CropSure Alpha Cyper 300 SC insecticide (APVMA product number 91845)</li> <li>• Trio Alpha-Cypermethrin 100 EC insecticide (APVMA product number 90956)</li> <li>• Apparent Alpha Omega 300 SC insecticide (APVMA product number 90030)</li> <li>• Trump 100 EC insecticide (APVMA product number 89716)</li> <li>• Indogulf Alphacypermethrin 100 insecticide (APVMA product number 88671)</li> </ul> <p>Refer to the APVMA PubCRIS database (<a href="https://portal.apvma.gov.au/pubcris">https://portal.apvma.gov.au/pubcris</a>) for the full list of registered products in Australia with this active ingredient.</p> <p><b>Active ingredient name:</b> Alpha-cypermethrin</p>
<b>Pesticide category</b> ( <u>underline</u> )	<p>FSC prohibited HHP</p> <p>FSC highly restricted HHP</p> <p><u>FSC restricted HHP</u></p>
<b>Hazard criteria met</b> ( <u>underline</u> )	<p>See: &lt;<u>FSC-POL-30-001a V1-1 Lists of Highly Hazardous Pesticides</u>&gt;</p> <ol style="list-style-type: none"> <li>1) Relevant international agreements or conventions: 1.1.a; 1.1.b; 1.1.c</li> <li>2) <u>Acute toxicity to mammals and birds</u>: 2.1.a; <u>2.1.b</u>; 2.1.c<sup>1</sup></li> <li>3) Carcinogenicity: 3.1.a; 3.1.b; 3.1.c</li> <li>4) Mutagenicity to mammals: 4.1.a</li> <li>5) Developmental and reproductive toxicity: 5.1.a</li> <li>6) Endocrine disrupting chemicals (EDC): 6.1.a; 6.1.b</li> <li>7) Acute toxicity to aquatic organisms: <u>7</u></li> <li>8) Persistence in soil or water and low sorption potential and biomagnification and bioaccumulation: 8</li> <li>9) Dioxins (residues or emissions): 9</li> <li>10) Heavy metals: 10</li> </ol>

<b>Indicators and thresholds for the identification as FSC highly hazardous pesticide</b>	2.1.b. Acute toxicity mammals and birds LD <sub>50</sub> < 200 mg/kg body weight. 7. Aquatic toxicity (LC/EC <sub>50</sub> < 50 µg/L)
<b>Safety data sheet (SDS)</b>	Typical example: <a href="https://ag.fmc.com/au/sites/default/files/2023-10/Dominex Duo AU 6N.pdf">https://ag.fmc.com/au/sites/default/files/2023-10/Dominex Duo AU 6N.pdf</a>
<b>Product label</b>	Typical example: <a href="https://ag.fmc.com/au/sites/default/files/2023-07/web_label_au_dominex_duo_gh7_updated_21_nov_22_0.pdf">https://ag.fmc.com/au/sites/default/files/2023-07/web_label_au_dominex_duo_gh7_updated_21_nov_22_0.pdf</a>
<b>Existing national or regional level risk assessments undertaken by regulatory agencies</b>	APVMA completed a chemical review of Alpha-cypermethrin in 2014. <a href="https://webarchive.nla.gov.au/awa/20150622210805/http://apvma.gov.au/node/14876">https://webarchive.nla.gov.au/awa/20150622210805/http://apvma.gov.au/node/14876</a>
<b>Purpose for the use of the HHP (underline)</b>	Protection of <u>trees or other vegetation</u> , logs, human health, livestock, native species, <u>seeds or seedlings</u> , weed control

## 2. Environmental and social risk assessment (ESRA) for the use alpha-cypermethrin

Please refer to the risk profiling in <FSC ESRA Alpha-cypermethrin> document, which is available on <https://anz.fsc.org/forest-management-certification/australian-forest-management-certification>

## 3. Decision on the use of alpha-cypermethrin

Based on the risk characterisation above, the Standard Development Group has concluded that (underline):

Alpha-cypermethrin may be used in Australia

HHP shall not be used in Australia

## 4. Risk mitigation strategies

Please refer to the 'Mitigation strategies defined to minimise risk' column in the risk profiling in <FSC ESRA Alpha-cypermethrin> document and the associated <FSC listed HHP chemicals general mitigation measures>. Both documents are available on <https://anz.fsc.org/forest-management-certification/australian-forest-management-certification>

## 5. Definition of circumstances where a highly restricted HHPs may be used instead of a restricted HHP

Not applicable in Australia

# NATIONAL HHP FRAMEWORK TEMPLATE: AMITROLE

## 1. General information about amitrole

<b>Status of the document</b>	Draft: 17.06.2025 Approved: [date]
<b>Country</b>	<b>Australia</b>
<b>Country-specific notes</b>	<ol style="list-style-type: none"> <li>1. Amitrole is included in Schedule 5 (S5) of the Poisons Standard (i.e., considered to be substances with a low potential for causing harm, the extent of which can be reduced through the use of appropriate packaging with simple warnings and safety directions on the label. States and Territories have laws, regulations and codes of practice regarding the storage, control, possession and use of S5 and S6 products. State and territory legislation and other requirements change frequently. <i>The Organisation*</i> must check that they are compliant with the APVMA label and recent legislative and other requirements.</li> <li>2. Combination products containing the synergist ammonium thiocyanate and amitrole are registered in Australia. These products are covered by this document.</li> <li>3. Combination products containing amitrole and paraquat are registered in Australia. This document does not cover and is not applicable to amitrole plus paraquat combination products.</li> </ol>
<b>Target pesticide</b>	<p><b>Commercial name(s):</b></p> <p>There are numerous product names, formulation types and concentrations. Names of ammonium thiocyanate plus amitrole products include:</p> <ul style="list-style-type: none"> <li>• GENFARM Amitrole 250 SL Herbicide (APMA product number 94171)</li> <li>• Conquest WeedWarden Herbicide (APVMA product number 93991)</li> <li>• eChem Amitrole T 250 Herbicide (APVMA product number 93697)</li> <li>• Kenso Agcare Kentrole 250 Herbicide (APVMA product number 92432)</li> <li>• Ozcrop Amitrole 250 Herbicide (APVMA product number 91980)</li> </ul> <p>Names of products without the ammonium thiocyanate synergist include:</p> <ul style="list-style-type: none"> <li>• 4Farmers Amitrole 250 Herbicide (APVMA product number 81051)</li> <li>• AC Amon Herbicide (APMVA product number 80927)</li> </ul>



	<ul style="list-style-type: none"> <li>• Sabakem Amitrole 47T Herbicide (APVMA product number 69890)</li> <li>• Nufarm Amitrole T Herbicide (APMVA product number 31236)</li> </ul> <p>Refer to the APVMA PubCRIS database (<a href="https://portal.apvma.gov.au/pubcris">https://portal.apvma.gov.au/pubcris</a>) for the full list of registered products in Australia with this active ingredient.</p> <p><b>Active ingredient name:</b> Amitrole</p>
<b>Pesticide category</b> ( <u>underline</u> )	<p>FSC prohibited HHP</p> <p>FSC highly restricted HHP</p> <p><u>FSC restricted HHP</u></p>
<b>Hazard criteria met</b> ( <u>underline</u> )	<p>See: &lt;<u>FSC-POL-30-001a V1-1 Lists of Highly Hazardous Pesticides</u>&gt;</p> <ol style="list-style-type: none"> <li>1) Relevant international agreements or conventions: 1.1.a; 1.1.b; 1.1.c</li> <li>2) <u>Acute toxicity to mammals and birds</u>: 2.1.a; 2.1.b; 2.1.c<sup>1</sup></li> <li>3) Carcinogenicity: 3.1.a; 3.1.b; 3.1.c</li> <li>4) Mutagenicity to mammals: 4.1.a</li> <li>5) Developmental and reproductive toxicity: 5.1.a</li> <li>6) Endocrine disrupting chemicals (EDC): 6.1.a; <u>6.1.b</u></li> <li>7) Acute toxicity to aquatic organisms: 7</li> <li>8) Persistence in soil or water and low sorption potential and biomagnification and bioaccumulation: 8</li> <li>9) Dioxins (residues or emissions): 9</li> <li>10) Heavy metals: 10</li> </ol>
<b>Indicators and thresholds for the identification as FSC highly hazardous pesticide</b>	<p>6.1.b Suspected carcinogen (Cat. 2)(GHS) and endocrine disruptor (Cat. 2)(GHS)</p>
<b>Safety data sheet (SDS):</b>	<p>Typical example:</p> <p>Amitrole + ammonium thiocyanate:</p> <p><a href="https://www.imtrade.com.au/wp-content/uploads/2014/12/lmt-Amitrole-250-Herbicide-Issue-Date-Feb-2022.pdf">https://www.imtrade.com.au/wp-content/uploads/2014/12/lmt-Amitrole-250-Herbicide-Issue-Date-Feb-2022.pdf</a></p> <p>Amitrole:</p>

	<a href="https://4farmers.com.au/wp-content/uploads/2018/06/2_amitrole-250_4FARMERS-AMITROLE-250SL-HERBICIDE-v2.pdf">https://4farmers.com.au/wp-content/uploads/2018/06/2_amitrole-250_4FARMERS-AMITROLE-250SL-HERBICIDE-v2.pdf</a>
<b>Product label</b>	<p>Typical example:</p> <p>Amitrole + ammonium thiocyanate:</p> <p><a href="https://elabels.apvma.gov.au/94171ELBL.pdf">https://elabels.apvma.gov.au/94171ELBL.pdf</a></p> <p>Amitrole:</p> <p><a href="https://elabels.apvma.gov.au/81051ELBL.pdf">https://elabels.apvma.gov.au/81051ELBL.pdf</a></p>
<b>Existing national or regional level risk assessments undertaken by regulatory agencies</b>	<p>Currently none in the public domain. APVMA has prioritised amitrole for chemical review based on health, residues and trade and environmental concerns</p> <p><a href="https://www.apvma.gov.au/regulation/chemical-review/listing-chemical-reviews/chemicals-prioritised-reconsideration">https://www.apvma.gov.au/regulation/chemical-review/listing-chemical-reviews/chemicals-prioritised-reconsideration</a></p>
<b>Purpose for the use of the HHP</b> (underline)	<p>Protection of trees or other vegetation, logs, human health, livestock, native species, seeds or seedlings, <u>weed control</u></p>

## 2. Environmental and social risk assessment (ESRA) for the use of amitrole

Please refer to the risk profiling in <FSC ESRA Amitrole> document, which is available on <https://anz.fsc.org/forest-management-certification/australian-forest-management-certification>

## 3. Decision on the use of amitrole

Based on the risk characterisation above, the Standard Development Group has concluded that (underline):

Amitrole may be used in Australia

Amitrole shall not be used in Australia

## 4. Risk mitigation strategies

Please refer to the 'Mitigation strategies defined to minimise risk' column in the risk profiling in <FSC ESRA Amitrole> document and the associated <FSC listed HHP chemicals general mitigation measures>. Both documents are available on <https://anz.fsc.org/forest-management-certification/australian-forest-management-certification>

## 5. Definition of circumstances where a highly restricted HHPs may be used instead of a restricted HHP

Not applicable in Australia

## NATIONAL HHP FRAMEWORK TEMPLATE: ATRAZINE

### 1. General information about atrazine

<b>Status of the document</b>	Draft: 17.06.2025 Approved: [date]
<b>Country</b>	<b>Australia</b>
<b>Country specific notes</b>	1. Atrazine is included in Schedule 5 (S5) of the Poisons Standard (i.e., considered to be substances with a low potential for causing harm, the extent of which can be reduced through the use of appropriate packaging with simple warnings and safety directions on the label). States and Territories have laws, regulations and codes of practice regarding the storage, control, possession and use of S5 products. State and territory legislation and other requirements change frequently. <i>The Organisation*</i> must check that they are compliant with the APVMA label and recent legislative and other requirements.
<b>Target pesticide</b>	<p><b>Commercial name(s):</b></p> <p>There are numerous product names, formulation types and concentrations. Names of atrazine products include:</p> <ul style="list-style-type: none"> <li>• Farmozine 900 Herbicide (APVMA product number 93852)</li> <li>• Albaugh CIRCINUS 900 WG herbicide (APVMA product number 93832)</li> <li>• AC Axis 500 SC Herbicide (APMA product number 93082)</li> <li>• Rezim Herbicide (APVMA product number 93018)</li> <li>• Submarino Atrazine 900 WG Herbicide (APMVA product number 92691)</li> </ul> <p>Refer to the APVMA PubCRIS database (<a href="https://portal.apvma.gov.au/pubcris">https://portal.apvma.gov.au/pubcris</a>) for the full list of registered products in Australia with this active ingredient.</p> <p><b>Active ingredient name:</b> Atrazine</p>
<b>Pesticide category</b> ( <u>underline</u> )	FSC prohibited HHP FSC highly restricted HHP <u>FSC restricted HHP</u>
<b>Hazard criteria met</b> ( <u>underline</u> )	See: < <u>FSC-POL-30-001a V1-1 Lists of Highly Hazardous Pesticides</u> > 1) Relevant international agreements or conventions: 1.1.a; 1.1.b; 1.1.c

	2) <u>Acute toxicity to mammals and birds</u> : 2.1.a; 2.1.b; 2.1.c <sup>1</sup> 3) Carcinogenicity: 3.1.a; 3.1.b; 3.1.c 4) Mutagenicity to mammals: 4.1.a 5) Developmental and reproductive toxicity: 5.1.a 6) Endocrine disrupting chemicals (EDC): 6.1.a; <u>6.1.b</u> 7) Acute toxicity to aquatic organisms: 7 8) Persistence in soil or water and low sorption potential and biomagnification and bioaccumulation: 8 9) Dioxins (residues or emissions): 9 10) Heavy metals: 10
<b>Indicators and thresholds for the identification as FSC highly hazardous pesticide</b>	6.1.b Suspected carcinogen (Cat. 2)(GHS) and endocrine disruptor (Cat. 2)(GHS)
<b>Safety data sheet (SDS)</b>	Typical example: <a href="https://www.adama.com/australia/en/media/3531/download?attachment">https://www.adama.com/australia/en/media/3531/download?attachment</a>
<b>Product label</b>	Typical example: <a href="https://www.adama.com/australia/sites/adama_australia/files/downloads/Farmozine900WG_Weblabel.pdf">https://www.adama.com/australia/sites/adama_australia/files/downloads/Farmozine900WG_Weblabel.pdf</a>
<b>Existing national or regional level risk assessments undertaken by regulatory agencies</b>	APVMA Atrazine Final Review Report and Regulatory Decision: <a href="https://www.apvma.gov.au/sites/default/files/publication/14361-atrazine-final-review-report.pdf">https://www.apvma.gov.au/sites/default/files/publication/14361-atrazine-final-review-report.pdf</a>
<b>Purpose for the use of the HHP (<u>underline</u>)</b>	Protection of trees or other vegetation, logs, human health, livestock, native species, seeds or seedlings, <u>weed control</u>

## 2. Environmental and social risk assessment (ESRA) for the use of atrazine

Please refer to the risk profiling in <FSC ESRA Atrazine> document, which is available on <https://anz.fsc.org/forest-management-certification/australian-forest-management-certification>

## 3. Decision on the use of atrazine

Based on the risk characterisation above, the Standard Development Group has concluded that (underline):

Atrazine may be used in Australia

Atrazine shall not be used in Australia

#### **4. Risk mitigation strategies**

Please refer to the 'Mitigation strategies defined to minimise risk' column in the risk profiling in <FSC ESRA Atrazine> document and the associated <FSC listed HHP chemicals general mitigation measures>. Both documents are available on <https://anz.fsc.org/forest-management-certification/australian-forest-management-certification>

#### **5. Definition of circumstances where a highly restricted HHPs may be used instead of a restricted HHP**

Not applicable in Australia

# NATIONAL HHP FRAMEWORK TEMPLATE: COPPER OXYCHLORIDE

## 1. General information about copper oxychloride

<b>Status of the document</b>	Draft: 17.06.2025 Approved: [date]
<b>Country</b>	<b>Australia</b>
<b>Country-specific notes</b>	<p>1. Copper oxychloride is included in Schedule 5 (S5) of the Poisons Standard (i.e., considered to be substances with a low potential for causing harm, the extent of which can be reduced through the use of appropriate packaging with simple warnings and safety directions on the label) when:</p> <ul style="list-style-type: none"> <li>• In preparations containing 50% or less of copper oxychloride except in preparations containing 12.5% or less of copper oxychloride.</li> </ul> <p>It is included in Schedule 6 (S6) except when:</p> <ul style="list-style-type: none"> <li>• When included in Schedule 5; or</li> <li>• In preparations containing 12.5% or less of copper oxychloride</li> </ul> <p>2. Approved products in Australia contain up to 50% of copper oxychloride and thus fall under S5.</p> <p>3. States and Territories have laws, regulations and codes of practice regarding the storage, control, possession and use of S5 products. State and territory legislation and other requirements change frequently. <i>The Organisation*</i> must check that they are compliant with the APVMA label and recent legislative and other requirements.</p> <p>4. Approved copper oxychloride products in Australia may also contain sulphur, spinosad, mancozeb or metalaxyl. This document does not cover these mixtures.</p>
<b>Target pesticide</b>	<p><b>Commercial name(s):</b></p> <p>There are numerous salts, product names, formulation types and concentrations. Names of copper oxychloride products include:</p> <ul style="list-style-type: none"> <li>• CURENOX 500 WP FUNGICIDE/BACTERICIDE (APVMA product number 68826)</li> <li>• COPPOX WP FUNGICIDE/BACTERICIDE (APVMA product number 67743)</li> <li>• ECOCOPPER 375 WG ORGANIC FUNGICIDE (APVMA product number 66585)</li> <li>• ARYSTA LIFESCIENCE COPPER OXYCHLORIDE 50 WP FUNGICIDE/BACTERICIDE (APVMA product number 66415)</li> </ul>

	<ul style="list-style-type: none"> <li>UNIGUARD 500 WP FUNGICIDE (APVMA product number 60674)</li> </ul> <p>Refer to the APVMA PubCRIS database (<a href="https://portal.apvma.gov.au/pubcris">https://portal.apvma.gov.au/pubcris</a>) for the full list of registered products in Australia with this active ingredient.</p> <p><b>Active ingredient name:</b> Copper oxychloride</p>
	<p>FSC prohibited HHP</p> <p>FSC highly restricted HHP</p> <p><u>FSC restricted HHP</u></p>
<b>Hazard criteria met</b> ( <u>underline</u> )	<p>See: &lt;<u>FSC-POL-30-001a V1-1 Lists of Highly Hazardous Pesticides</u>&gt;</p> <ol style="list-style-type: none"> <li>1) Relevant international agreements or conventions: 1.1.a; 1.1.b; 1.1.c</li> <li>2) Acute toxicity to mammals and birds: <u>2.1.a</u>; <u>2.1.b</u>; 2.1.c<sup>1</sup></li> <li>3) Carcinogenicity: 3.1.a; 3.1.b; 3.1.c</li> <li>4) Mutagenicity to mammals: 4.1.a</li> <li>5) Developmental and reproductive toxicity: 5.1.a</li> <li>6) Endocrine disrupting chemicals (EDC): 6.1.a; 6.1.b</li> <li>7) Acute toxicity to aquatic organisms: 7</li> <li>8) Persistence in soil or water and low sorption potential and biomagnification and bioaccumulation: 8</li> <li>9) Dioxins (residues or emissions): 9</li> <li>10) Heavy metals: 10</li> </ol>
<b>Indicators and thresholds for the identification as FSC highly hazardous pesticide</b>	2.1.b Acute toxicity mammals and birds LD50< 200 mg/kg bw
<b>Safety data sheet (SDS)</b>	<p>Typical example:</p> <p><a href="https://7worlds.com.au/wp-content/uploads/2022/06/COPPOX-WP-FUNGICIDE-BACTERICIDE-SDS.pdf">https://7worlds.com.au/wp-content/uploads/2022/06/COPPOX-WP-FUNGICIDE-BACTERICIDE-SDS.pdf</a></p>
<b>Product label</b>	<p>Typical example:</p> <p><a href="https://7worlds.com.au/wp-content/uploads/2024/08/Web-Label-Coppox-WP_7W-1.pdf">https://7worlds.com.au/wp-content/uploads/2024/08/Web-Label-Coppox-WP_7W-1.pdf</a></p>
<b>Existing national or regional level risk assessments undertaken by regulatory agencies</b>	APVMA list of active constituents exempt from the requirements of APVMA approval for use in agricultural or veterinary chemical products (has an APVMA standard which

	<p>the active must comply with:  <a href="https://www.legislation.gov.au/F2022L00137/latest/downloads">https://www.legislation.gov.au/F2022L00137/latest/downloads</a> ).</p> <p><a href="https://www.apvma.gov.au/chemicals-and-products/active-constituents/exempt">https://www.apvma.gov.au/chemicals-and-products/active-constituents/exempt</a></p>
<b>Purpose for the use of the HHP:</b> ( <u>underline</u> )	Protection of <u>trees or other vegetation</u> , logs, human health, livestock, native species, <u>seeds or seedlings</u> , weed control

## 2. Environmental and social risk assessment (ESRA) for the use of copper oxychloride

Please refer to the risk profiling in <FSC ESRA Copper oxychloride> document, which is available on <https://anz.fsc.org/forest-management-certification/australian-forest-management-certification>

## 3. Decision on the use of copper oxychloride

Based on the risk characterisation above, the Standard Development Group has concluded that (underline):

Copper oxychloride may be used in Australia

Copper oxychloride shall not be used in Australia

## 4. Risk mitigation strategies

Please refer to the 'Mitigation strategies defined to minimise risk' column in the risk profiling in <FSC ESRA Copper oxychloride> document and the associated <FSC listed HHP chemicals general mitigation measures>. Both documents are available on <https://anz.fsc.org/forest-management-certification/australian-forest-management-certification>

## 5. Definition of circumstances where a highly restricted HHPs may be used instead of a restricted HHP

Not applicable in Australia



# NATIONAL HHP FRAMEWORK TEMPLATE: FIPRONIL

## 1. General information about fipronil

<b>Status of the document</b>	Draft: 17.06.2025 Approved: [date]
<b>Country</b>	<b>Australia</b>
<b>Country-specific notes</b>	<p>1. Fipronil is listed in the Poisons Standard as follows</p> <ul style="list-style-type: none"> <li>• Schedule 5 (S5): <ul style="list-style-type: none"> <li>○ In preparations containing 10% or less of fipronil except in preparations containing 0.05% or less of fipronil.</li> </ul> </li> <li>• Schedule 6 (S6) except: <ul style="list-style-type: none"> <li>○ (a) when included in Schedule 5; or</li> <li>○ (b) in preparations containing 0.05% or less of fipronil.</li> </ul> </li> </ul> <p>2. Products relevant to this document are classified as S6 in the Poison's standard.</p> <p>3. Substances listed in S6 of the Poisons Standard are considered to be substances with a low potential for causing harm, the extent of which can be reduced through the use of appropriate packaging with simple warnings and safety directions on the label. States and Territories have laws, regulations and codes of practice regarding the storage, control, possession and use of S6 products. State and territory legislation and other requirements change frequently. <i>The Organisation*</i> must check that they are compliant with the APVMA label and recent legislative and other requirements.</p> <p>4. Fipronil is used in a range of parasiticide products for companion animals. This document does not include these types of products.</p> <p>5. Fipronil is used in a range of ant, termite and cockroach control products (including residually active products). This document does not include these types of products.</p> <p>6. Fipronil products may include metaldehyde, (S)-methoprene, pyriproxyfen. This document does not include these types of products.</p>
<b>Target pesticide</b>	<p><b>Commercial name(s):</b></p> <p>There are numerous different fipronil products. Names of fipronil products include:</p> <ul style="list-style-type: none"> <li>• OzCrop Fipronil 200 SC insecticide (APVMA product number 94294)</li> <li>• Rainbonil insecticide (APVMA product number 94281)</li> </ul>

	<ul style="list-style-type: none"> <li>eChem Fipronil 200 SC insecticide (APVMA product number 91887)</li> <li>NAADCO Fipronil 200 SC insecticide (APVMA product number 91862)</li> <li>CropSure Region 200 SC insecticide (APVMA product number 90525)</li> </ul> <p>Refer to the APVMA PubCRIS database (<a href="https://portal.apvma.gov.au/pubcris">https://portal.apvma.gov.au/pubcris</a>) for the full list of registered products in Australia with this active ingredient.</p> <p><b>Active ingredient name:</b> Fipronil</p>
<b>Pesticide category</b> ( <u>underline</u> )	<p>FSC prohibited HHP</p> <p>FSC highly restricted HHP</p> <p><u>FSC restricted HHP</u></p>
<b>Hazard criteria met</b> ( <u>underline</u> )	<p>See: &lt;<u>FSC-POL-30-001a V1-1 Lists of Highly Hazardous Pesticides</u>&gt;</p> <ol style="list-style-type: none"> <li>1) Relevant international agreements or conventions: 1.1.a; 1.1.b; 1.1.c</li> <li>2) <u>Acute toxicity to mammals and birds</u>: 2.1.a; 2.1.b; 2.1.c<sup>1</sup></li> <li>3) Carcinogenicity: 3.1.a; 3.1.b; 3.1.c</li> <li>4) Mutagenicity to mammals: 4.1.a</li> <li>5) Developmental and reproductive toxicity: 5.1.a</li> <li>6) Endocrine disrupting chemicals (EDC): 6.1.a; 6.1.b</li> <li>7) Acute toxicity to aquatic organisms: <u>7</u></li> <li>8) Persistence in soil or water and low sorption potential and biomagnification and bioaccumulation: 8</li> <li>9) Dioxins (residues or emissions): 9</li> <li>10) Heavy metals: 10</li> </ol>
<b>Indicators and thresholds for the identification as FSC highly hazardous pesticide</b>	<p>2.1.b. Acute toxicity mammals and birds LD<sub>50</sub> &lt; 200 mg/kg body weight.</p> <p>7. Aquatic toxicity (LC/EC<sub>50</sub> &lt; 50 µg/L)</p>
<b>Safety data sheet (SDS)</b>	<p>Typical example:</p> <p><a href="https://www.adama.com/australia/sites/adama_australia/files/downloads/Albatross%20200%20SC%20Insecticide%20SDS%20040621.pdf">https://www.adama.com/australia/sites/adama_australia/files/downloads/Albatross%20200%20SC%20Insecticide%20SDS%20040621.pdf</a></p>
<b>Product label</b>	<p>Typical example:</p>

	<a href="https://www.adama.com/australia/sites/adama_australia/files/downloads/UTF-8%27%27Albatross%25C2%25AE%2520Label.pdf">https://www.adama.com/australia/sites/adama_australia/files/downloads/UTF-8%27%27Albatross%25C2%25AE%2520Label.pdf</a>
<b>Existing national or regional level risk assessments undertaken by regulatory agencies</b>	Fipronil has been nominated for chemical review by APVMA based on adverse experiences reports, primarily in veterinary chemical products.  <a href="https://www.apvma.gov.au/chemicals-and-products/chemical-review/listing/fipronil">https://www.apvma.gov.au/chemicals-and-products/chemical-review/listing/fipronil</a>
<b>Purpose for the use of the HHP</b> (underline)	Protection of trees or other vegetation, logs, human health, livestock, <u>native species</u> , <u>seeds or seedlings</u> , weed control

## 2. Environmental and social risk assessment (ESRA) for the use of fipronil

Please refer to the risk profiling in <FSC ESRA Fipronil> document, which is available on <https://anz.fsc.org/forest-management-certification/australian-forest-management-certification>

## 3. Decision on the use of fipronil

Based on the risk characterisation above, the Standard Development Group has concluded that (underline):

Fipronil may be used in Australia

Fipronil shall not be used in Australia

## 4. Risk mitigation strategies

Please refer to the 'Mitigation strategies defined to minimise risk' column in the risk profiling in <FSC ESRA Fipronil> document and the associated <FSC listed HHP chemicals general mitigation measures>. Both documents are available on <https://anz.fsc.org/forest-management-certification/australian-forest-management-certification>

## 5. Definition of circumstances where a highly restricted HHPs may be used instead of a restricted HHP

Not applicable in Australia

## NATIONAL HHP FRAMEWORK TEMPLATE: GLUFOSINATE AMMONIUM

### 1. General information about glufosinate ammonium

<b>Status of the document</b>	Draft: 17.06.2025 Approved: [date]
<b>Country</b>	<b>Australia</b>
<b>Country-specific notes</b>	1. Glufosinate ammonium is included in Schedule 5 (S5) of the Poisons Standard (i.e., considered to be substances with a low potential for causing harm, the extent of which can be reduced through the use of appropriate packaging with simple warnings and safety directions on the label). States and Territories have laws, regulations and codes of practice regarding the storage, control, possession and use of S5 products. State and territory legislation and other requirements change frequently. <i>The Organisation*</i> must check that they are compliant with the APVMA label and recent legislative and other requirements.
<b>Target pesticide</b>	<p><b>Commercial name(s):</b></p> <p>There are numerous product names, formulation types and concentrations. Names of Glufosinate ammonium products include:</p> <ul style="list-style-type: none"> <li>• Kelpie G-FOS 880 SG herbicide (APVMA product number 94573)</li> <li>• Liben Glufosinate 200 herbicide (APVMA product number 94391)</li> <li>• Globus Glufosinate 200 SL herbicide (APVMA product number 93771)</li> <li>• Gro-Sure Glufos 200 herbicide (APMA product number 93423)</li> <li>• NAADCO Glufosinate Ammonium 200 (APVMA product number 92631)</li> </ul> <p>Refer to the APVMA PubCRIS database (<a href="https://portal.apvma.gov.au/pubcris">https://portal.apvma.gov.au/pubcris</a>) for the full list of registered products in Australia with this active ingredient.</p> <p><b>Active ingredient name:</b> Glufosinate ammonium</p>
<b>Pesticide category</b> ( <u>underline</u> )	<p>FSC prohibited HHP</p> <p>FSC highly restricted HHP</p> <p><u>FSC restricted HHP</u></p>
<b>Hazard criteria met</b> ( <u>underline</u> )	See: < <u>FSC-POL-30-001a V1-1 Lists of Highly Hazardous Pesticides</u> >

	<ol style="list-style-type: none"> <li>1) Relevant international agreements or conventions: 1.1.a; 1.1.b; 1.1.c</li> <li>2) <u>Acute toxicity to mammals and birds</u>: 2.1.a; 2.1.b; 2.1.c<sup>1</sup></li> <li>3) Carcinogenicity: 3.1.a; 3.1.b; 3.1.c</li> <li>4) Mutagenicity to mammals: 4.1.a</li> <li>5) Developmental and reproductive toxicity: <u>5.1.a</u></li> <li>6) Endocrine disrupting chemicals (EDC): 6.1.a; 6.1.b</li> <li>7) Acute toxicity to aquatic organisms: 7</li> <li>8) Persistence in soil or water and low sorption potential and biomagnification and bioaccumulation: 8</li> <li>9) Dioxins (residues or emissions): 9</li> <li>10) Heavy metals: 10</li> </ol>
<b>Indicators and thresholds for the identification as FSC highly hazardous pesticide</b>	5.1.a Reproductive toxicant and probable repr. Tox. (1A and 1B)(EU GHS)
<b>Safety data sheet (SDS):</b>	<p>Typical example:</p> <p><a href="https://crop-solutions.basf.com.au/sites/basf.com.au/files/2024-09/Basta%C2%AENon-SelectiveHerbicide%20SDS.pdf">https://crop-solutions.basf.com.au/sites/basf.com.au/files/2024-09/Basta%C2%AENon-SelectiveHerbicide%20SDS.pdf</a></p>
<b>Product label</b>	<p>Typical example:</p> <p><a href="https://crop-solutions.basf.com.au/sites/basf.com.au/files/2023-05/211073 APY NAT Label Basta May23.pdf">https://crop-solutions.basf.com.au/sites/basf.com.au/files/2023-05/211073 APY NAT Label Basta May23.pdf</a></p>
<b>Existing national or regional level risk assessments undertaken by regulatory agencies</b>	<p>APVMA Glufosinate ammonium Chemical Review:</p> <p><a href="https://www.apvma.gov.au/chemicals-and-products/chemical-review/listing/glufosinate-ammonium">https://www.apvma.gov.au/chemicals-and-products/chemical-review/listing/glufosinate-ammonium</a></p>
<b>Purpose for the use of the HHP (<u>underline</u>)</b>	Protection of trees or other vegetation, logs, human health, livestock, native species, seeds or seedlings, <u>weed control</u>

## 2. Environmental and social risk assessment (ESRA) for the use of glufosinate ammonium

Please refer to the risk profiling in <FSC ESRA Glufosinate ammonium> document, which is available on <https://anz.fsc.org/forest-management-certification/australian-forest-management-certification>

### **3. Decision on the use of glufosinate ammonium**

Based on the risk characterisation above, the Standard Development Group has concluded that (underline):

Glufosinate ammonium may be used in Australia

Glufosinate ammonium shall not be used in Australia

### **4. Risk mitigation strategies**

Please refer to the 'Mitigation strategies defined to minimise risk' column in the risk profiling in <FSC ESRA Glufosinate ammonium> document and the associated <FSC listed HHP chemicals general mitigation measures>. Both documents are available on <https://anz.fsc.org/forest-management-certification/australian-forest-management-certification>

### **5. Definition of circumstances where a highly restricted HHPs may be used instead of a restricted HHP**

Not applicable in Australia

# NATIONAL HHP FRAMEWORK TEMPLATE: GLYPHOSATE

## 1. General information about glyphosate

<b>Status of the document</b>	Draft: 17.06.2025 Approved: [date]
<b>Country</b>	<b>Australia</b>
<b>Country-specific notes</b>	1. Glyphosate is included in Schedule 5 (S5) of the Poisons Standard (i.e., considered to be substances with a low potential for causing harm, the extent of which can be reduced through the use of appropriate packaging with simple warnings and safety directions on the label). States and territories have laws, regulations and codes of practice regarding the storage, control, possession and use of S5 products. State and territory legislation and other requirements change frequently. <i>The Organisation*</i> must check that they are compliant with the APVMA label and recent legislative and other requirements.
<b>Target pesticide</b>	<p><b>Commercial name(s):</b></p> <p>There are numerous salts, product names, formulation types and concentrations. Names of glyphosate products include:</p> <ul style="list-style-type: none"> <li>• Roundup Ultra Max Herbicide (APVMA product number 68506)</li> <li>• Earthcore Glyphosate 100 Weed Kill (APVMA product number 94800)</li> <li>• Durango 360 SL herbicide (APVMA product number 94697)</li> <li>• Albaugh Durango Ultra 540K SL (APMA product number 94473)</li> <li>• Swan Glyphosate 540 K herbicide (APVMA product number 94324)</li> <li>• Swan Devastate Plus Glyphosate 580 herbicide (APMVA product number 94316)</li> </ul> <p>Refer to the APVMA PubCRIS database (<a href="https://portal.apvma.gov.au/pubcris">https://portal.apvma.gov.au/pubcris</a>) for the full list of registered products in Australia with this active ingredient.</p> <p><b>Active ingredient name:</b> Glyphosate</p>
<b>Pesticide category (<u>underline</u>)</b>	<p>FSC prohibited HHP</p> <p>FSC highly restricted HHP</p> <p><u>FSC restricted HHP</u></p>
<b>Hazard criteria met (<u>underline</u>)</b>	See: < <u>FSC-POL-30-001a V1-1 Lists of Highly Hazardous Pesticides</u> >

	<ol style="list-style-type: none"> <li>1) Relevant international agreements or conventions: 1.1.a; 1.1.b; 1.1.c</li> <li>2) <u>Acute toxicity to mammals and birds</u>: 2.1.a; 2.1.b; 2.1.c<sup>1</sup></li> <li>3) Carcinogenicity: <u>3.1.a</u>; 3.1.b; 3.1.c</li> <li>4) Mutagenicity to mammals: 4.1.a</li> <li>5) Developmental and reproductive toxicity: 5.1.a</li> <li>6) Endocrine disrupting chemicals (EDC): 6.1.a; 6.1.b</li> <li>7) Acute toxicity to aquatic organisms: 7</li> <li>8) Persistence in soil or water and low sorption potential and biomagnification and bioaccumulation: 8</li> <li>9) Dioxins (residues or emissions): 9</li> <li>10) Heavy metals: 10</li> </ol>
<b>Indicators and thresholds for the identification as FSC highly hazardous pesticide</b>	3.1.a Carcinogen and probable carc. (1 and 2a) (IARC)
<b>Safety data sheet (SDS)</b>	<p>Typical example:</p> <p><a href="https://www.crop.bayer.com.au/-/media/bcs-inter/ws_australia/use-our-products/product-import-files/1105/roundup-biactive-sds.pdf">https://www.crop.bayer.com.au/-/media/bcs-inter/ws_australia/use-our-products/product-import-files/1105/roundup-biactive-sds.pdf</a></p>
<b>Product label</b>	<p>Typical example:</p> <p><a href="https://www.crop.bayer.com.au/-/media/bcs-inter/ws_australia/use-our-products/product-import-files/1105/roundup-biactive-product-label.pdf">https://www.crop.bayer.com.au/-/media/bcs-inter/ws_australia/use-our-products/product-import-files/1105/roundup-biactive-product-label.pdf</a></p>
<b>Existing national or regional level risk assessments undertaken by regulatory agencies</b>	<p>APVMA Glyphosate Chemical Review:</p> <p><a href="https://www.apvma.gov.au/chemicals-and-products/chemical-review/listing/glyphosate">https://www.apvma.gov.au/chemicals-and-products/chemical-review/listing/glyphosate</a></p>
<b>Purpose for the use of the HHP (<u>underline</u>)</b>	Protection of trees or other vegetation, logs, human health, livestock, native species, seeds or seedlings, <u>weed control</u>

## 2. Environmental and social risk assessment (ESRA) for the use of glyphosate

Refer to the risk profiling in <FSC ESRA Glyphosate> document, which is available on <https://anz.fsc.org/forest-management-certification/australian-forest-management-certification>

## 3. Decision on the use of glyphosate

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Based on the risk characterisation above, the Standard Development Group has concluded that (underline):

Glyphosate may be used in Australia

Glyphosate shall not be used in Australia

#### **4. Risk mitigation strategies**

Refer to the 'Mitigation strategies defined to minimise risk' column in the risk profiling in <FSC ESRA Glyphosate> document and the associated <FSC listed HHP chemicals general mitigation measures>. Both documents are available on <https://anz.fsc.org/forest-management-certification/australian-forest-management-certification>

#### **5. Definition of circumstances where a highly restricted HHPs may be used instead of a restricted HHP**

Not applicable in Australia

## NATIONAL HHP FRAMEWORK TEMPLATE: PICLORAM

### 1. General information about picloram

<b>Status of the document</b>	Draft: 17.06.2025 Approved: [date]
<b>Country</b>	<b>Australia</b>
<b>Country-specific notes</b>	<ol style="list-style-type: none"> <li>1. Picloram is included in Appendix B (substances considered not to require control by scheduling) due to its low toxicity.</li> <li>2. Combined picloram and aminopyralid products are approved in Australia. This document does not apply to such products.</li> <li>3. Combined picloram and 2,4-D products are approved in Australia. This document does not apply to such products.</li> <li>4. Combined picloram and MCPA products are approved in Australia. This document does not apply to such products.</li> </ol>
<b>Target pesticide</b>	<p><b>Commercial name(s):</b></p> <p>There are numerous different picloram salts, product names, formulation types and concentrations. Names of picloram products include:</p> <ul style="list-style-type: none"> <li>• TITAN picloram 240 SL herbicide (APVMA product number 93783)</li> <li>• TITAN TEEPEE herbicide (APVMA product number 92505)</li> <li>• AC Piccolo 240 herbicide (APVMA product number 91358)</li> <li>• NAADCO 242 Herbicide (APVMA product number 90333)</li> <li>• Macspred Picloram herbicide (APVMA product number 89511)</li> </ul> <p>Refer to the APVMA PubCRIS database (<a href="https://portal.apvma.gov.au/pubcris">https://portal.apvma.gov.au/pubcris</a>) for the full list of registered products in Australia with this active ingredient.</p> <p><b>Active ingredient name:</b> Picloram</p>
<b>Pesticide category</b> ( <u>underline</u> )	<p>FSC prohibited HHP</p> <p>FSC highly restricted HHP</p> <p><u>FSC restricted HHP</u></p>
<b>Hazard criteria met</b> ( <u>underline</u> )	See: < <u>FSC-POL-30-001a V1-1 Lists of Highly Hazardous Pesticides</u> >

	<ol style="list-style-type: none"> <li>1) Relevant international agreements or conventions: 1.1.a; 1.1.b; 1.1.c</li> <li>2) <u>Acute toxicity to mammals and birds</u>: 2.1.a; 2.1.b; 2.1.c<sup>1</sup></li> <li>3) Carcinogenicity: 3.1.a; 3.1.b; 3.1.c</li> <li>4) Mutagenicity to mammals: 4.1.a</li> <li>5) Developmental and reproductive toxicity: 5.1.a</li> <li>6) Endocrine disrupting chemicals (EDC): 6.1.a; <u>6.1.b</u></li> <li>7) Acute toxicity to aquatic organisms: 7</li> <li>8) Persistence in soil or water and low sorption potential and biomagnification and bioaccumulation: 8</li> <li>9) Dioxins (residues or emissions): 9</li> <li>10) Heavy metals: 10</li> </ol>
<b>Indicators and thresholds for the identification as FSC highly hazardous pesticide</b>	6.1.b Suspected carcinogen (Cat. 2)(GHS) and endocrine disruptor (Cat. 2)(GHS)
<b>Safety data sheet (SDS)</b>	<p>Typical example:</p> <p><a href="https://corteva.showpad.com/share/kvWNY2ajWhQF4OQVSpwfz">https://corteva.showpad.com/share/kvWNY2ajWhQF4OQVSpwfz</a></p>
<b>Product label</b>	<p>Typical example:</p> <p><a href="https://corteva.showpad.com/share/XgUxSvtmvkIHMDjN5Ehnp">https://corteva.showpad.com/share/XgUxSvtmvkIHMDjN5Ehnp</a></p>
<b>Existing national or regional level risk assessments undertaken by regulatory agencies</b>	<p>Picloram has been nominated for chemical review by APVMA based on environmental and residues and trade concerns.</p> <p><a href="https://www.apvma.gov.au/regulation/chemical-review/listing-chemical-reviews/chemicals-prioritised-reconsideration">https://www.apvma.gov.au/regulation/chemical-review/listing-chemical-reviews/chemicals-prioritised-reconsideration</a></p>
<b>Purpose for the use of the HHP (<u>underline</u>)</b>	Protection of trees or other vegetation, logs, human health, livestock, native species, seeds or seedlings, <u>weed control</u>

## 2. Environmental and social risk assessment (ESRA) for the use of picloram

Please refer to the risk profiling in <FSC ESRA Picloram> document, which is available on <https://anz.fsc.org/forest-management-certification/australian-forest-management-certification>

## 3. Decision on the use of picloram

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Based on the risk characterisation above, the Standard Development Group has concluded that (underline):

Picloram may be used in Australia

Picloram shall not be used in Australia

#### **4. Risk mitigation strategies**

Please refer to the 'Mitigation strategies defined to minimise risk' column in the risk profiling in <FSC ESRA Picloram> document and the associated <FSC listed HHP chemicals general mitigation measures>. Both documents are available on <https://anz.fsc.org/forest-management-certification/australian-forest-management-certification>

#### **5. Definition of circumstances where a highly restricted HHPs may be used instead of a restricted HHP**

Not applicable in Australia

# NATIONAL HHP FRAMEWORK TEMPLATE: SODIUM FLUOROACETATE (1080)

## 1. General information about sodium fluoroacetate

<b>Status of the document</b>	<p>Draft: 17.06.2025</p> <p>Approved: [date]</p>
<b>Country</b>	<b>Australia</b>
<b>Country-specific notes</b>	<ol style="list-style-type: none"> <li>1. Sodium fluoroacetate is classified in Schedule 7 of the Poisons Standard (the SUSMP; <a href="https://www.legislation.gov.au/F2024L00589/latest/text">https://www.legislation.gov.au/F2024L00589/latest/text</a>). As such there are strict limitations on supply, storage and use. Each state and territory have separate legislation derived from the Schedule 7 classification. This results in each state and territory having separate laws regarding sale, possession, training and licensing requirements and use of sodium fluoroacetate.</li> <li>2. State and territory legislation and other requirements change frequently. <i>The Organisation*</i> must check that they are compliant with the recent legislative and other requirements.</li> <li>3. <i>The Organisation*</i> is strongly encouraged to coordinate control efforts with state and territory, regional and council strategic pest management plans and biosecurity officers.</li> <li>4. Current information (at the time of writing) on state and territory requirements: <p><b>Northern Territory:</b></p> <p><a href="https://nt.gov.au/industry/agriculture/farm-management/controlling-pest-animals-wild-dogs-with-1080-poison">https://nt.gov.au/industry/agriculture/farm-management/controlling-pest-animals-wild-dogs-with-1080-poison</a></p> <p><a href="https://nt.gov.au/_data/assets/pdf_file/0005/262751/directions-for-use-of-1080-for-wild-dog-control.pdf">https://nt.gov.au/_data/assets/pdf_file/0005/262751/directions-for-use-of-1080-for-wild-dog-control.pdf</a></p> <p><b>NSW:</b></p> <p><a href="https://www.epa.nsw.gov.au/your-environment/pesticides/pesticides-nsw-overview/pesticide-control-orders/guidance-for-using-1080">https://www.epa.nsw.gov.au/your-environment/pesticides/pesticides-nsw-overview/pesticide-control-orders/guidance-for-using-1080</a></p> <p><a href="https://www.epa.nsw.gov.au/-/media/epa/corporate-site/resources/pesticides/pesticide-factsheets-vetebate-baiting-160656.pdf">https://www.epa.nsw.gov.au/-/media/epa/corporate-site/resources/pesticides/pesticide-factsheets-vetebate-baiting-160656.pdf</a></p> <p><a href="https://www.epa.nsw.gov.au/-/media/epa/corporate-site/resources/pesticides/1080baitproductspco2020.pdf">https://www.epa.nsw.gov.au/-/media/epa/corporate-site/resources/pesticides/1080baitproductspco2020.pdf</a></p> <p><a href="https://www.epa.nsw.gov.au/-/media/epa/corporate-site/resources/pesticides/ejectorpc02015.pdf">https://www.epa.nsw.gov.au/-/media/epa/corporate-site/resources/pesticides/ejectorpc02015.pdf</a></p> <p><b>Queensland:</b></p> </li> </ol>

	<p><a href="https://www.health.qld.gov.au/system-governance/licences/medicines-poisons/poisons/manufacture-wholesale-retail/retail">https://www.health.qld.gov.au/system-governance/licences/medicines-poisons/poisons/manufacture-wholesale-retail/retail</a></p> <p><a href="https://www.health.qld.gov.au/data/assets/rtf_file/0022/1308532/ga-landholder-application.rtf">https://www.health.qld.gov.au/data/assets/rtf_file/0022/1308532/ga-landholder-application.rtf</a></p> <p><b>South Australia:</b></p> <p><a href="https://pir.sa.gov.au/biosecurity/introduced-pest-feral-animals/using_poison_baits_in_south_australia/baiting_with_1080_poison">https://pir.sa.gov.au/biosecurity/introduced-pest-feral-animals/using_poison_baits_in_south_australia/baiting_with_1080_poison</a></p> <p><a href="https://pir.sa.gov.au/data/assets/pdf_file/0017/232118/1080-bait-directions-for-use-fox-control.pdf">https://pir.sa.gov.au/data/assets/pdf_file/0017/232118/1080-bait-directions-for-use-fox-control.pdf</a></p> <p><a href="https://www.sahealth.sa.gov.au/wps/wcm/connect/public+content/sa+health+internet/resources/licences+to+possession+regulation+25+poisons">https://www.sahealth.sa.gov.au/wps/wcm/connect/public+content/sa+health+internet/resources/licences+to+possession+regulation+25+poisons</a></p> <p><b>Tasmania:</b></p> <p><a href="https://nre.tas.gov.au/wildlife-management/management-of-wildlife/managing-wildlife-browsing-grazing-losses/1080-poison/code-of-practice-for-the-use-of-1080-for-native-browsing-animal-management">https://nre.tas.gov.au/wildlife-management/management-of-wildlife/managing-wildlife-browsing-grazing-losses/1080-poison/code-of-practice-for-the-use-of-1080-for-native-browsing-animal-management</a></p> <p><a href="https://nre.tas.gov.au/wildlife-management/management-of-wildlife/managing-wildlife-browsing-grazing-losses/1080-poison/using-1080-poison-as-a-last-resort-to-control-wallabies-and-possums">https://nre.tas.gov.au/wildlife-management/management-of-wildlife/managing-wildlife-browsing-grazing-losses/1080-poison/using-1080-poison-as-a-last-resort-to-control-wallabies-and-possums</a></p> <p><b>Victoria:</b></p> <p><a href="https://www.health.vic.gov.au/drugs-and-poisons/1080-pest-baits-information-and-application-forms">https://www.health.vic.gov.au/drugs-and-poisons/1080-pest-baits-information-and-application-forms</a></p> <p><a href="https://agriculture.vic.gov.au/farm-management/chemicals/requirements-for-using-1080-and-PAPP-animal-bait/directions-for-use-of-1080-and-papp-bait-products">https://agriculture.vic.gov.au/farm-management/chemicals/requirements-for-using-1080-and-PAPP-animal-bait/directions-for-use-of-1080-and-papp-bait-products</a></p> <p><a href="https://agriculture.vic.gov.au/farm-management/chemicals/requirements-for-using-1080-and-PAPP-animal-bait/1080-and-papp-animal-bait">https://agriculture.vic.gov.au/farm-management/chemicals/requirements-for-using-1080-and-PAPP-animal-bait/1080-and-papp-animal-bait</a></p> <p><b>Western Australia:</b></p> <p><a href="https://www.agric.wa.gov.au/pests-weeds-diseases/control-methods/chemicals/baits-poisons/1080">https://www.agric.wa.gov.au/pests-weeds-diseases/control-methods/chemicals/baits-poisons/1080</a></p> <p><a href="https://www.agric.wa.gov.au/invasive-species/1080-landholder-information">https://www.agric.wa.gov.au/invasive-species/1080-landholder-information</a></p> <p><a href="https://www.health.wa.gov.au/~/_media/Files/Corporate/general-documents/medicines-and-poisons/Word/Code-of-Practice-1080-PAPP-Strychnine.doc">https://www.health.wa.gov.au/~/_media/Files/Corporate/general-documents/medicines-and-poisons/Word/Code-of-Practice-1080-PAPP-Strychnine.doc</a></p>
<b>Target pesticide</b>	<b>Commercial name(s):</b>

	<p>There are numerous product names. Formulations are often in cereal baits, dried meat or capsules for use in an ejector. Sometimes sold as a gel or liquid concentrate form. Names include:</p> <ul style="list-style-type: none"> <li>• 4Farmers 1080 liquid (APVMA product number 87712)</li> <li>• 4Farmers 1080 impregnated oats (APVMA product number 68713)</li> <li>• Acta Pigout Feral Pig Bait (APVMA product number 61293)</li> <li>• Acta 1080 Concentrate (APVMA product number 57956)</li> <li>• Acta 1080 Dried Meat Wild Dog Bait (APVMA product number 80919)</li> <li>• Acta 1080 Dried Meat Fox Bait (APVMA product number 80924)</li> <li>• DOGGONE® Wild Dog Bait (APVMA product number 49384)</li> <li>• Canid Pest Ejector 1080 Wild Fox Capsules (APVMA product number 69616)</li> <li>• Canid Pest Ejector 1080 Wild Dog Capsules (APVMA product number 69620)</li> <li>• PAKS De-K9 1080 Wild Dog Bait (APVMA product number 60308)</li> </ul> <p>Refer to the APVMA PubCRIS database (<a href="https://portal.apvma.gov.au/pubcris">https://portal.apvma.gov.au/pubcris</a>) for the full list of registered products in Australia with this active ingredient.</p> <p><b>Active ingredient name:</b> Sodium fluoroacetate (1080)</p>
<b>Pesticide category</b> ( <u>underline</u> )	<p>FSC prohibited HHP</p> <p>FSC highly restricted HHP</p> <p><u>FSC restricted HHP</u></p>
<b>Hazard criteria met</b> ( <u>underline</u> )	<p>See: &lt;<a href="#">FSC-POL-30-001a V1-1 Lists of Highly Hazardous Pesticides</a>&gt;</p> <ol style="list-style-type: none"> <li>1) Relevant international agreements or conventions: 1.1.a; 1.1.b; 1.1.c</li> <li>2) <u>Acute toxicity to mammals and birds: 2.1.a; 2.1.b; 2.1.c<sup>1</sup></u></li> <li>3) Carcinogenicity: 3.1.a; 3.1.b; 3.1.c</li> <li>4) Mutagenicity to mammals: 4.1.a</li> <li>5) Developmental and reproductive toxicity: 5.1.a</li> <li>6) Endocrine disrupting chemicals (EDC): 6.1.a; 6.1.b</li> <li>7) Acute toxicity to aquatic organisms: 7</li> <li>8) Persistence in soil or water and low sorption potential and biomagnification and bioaccumulation: 8</li> </ol>

	9) Dioxins (residues or emissions): 9 10) Heavy metals: 10
<b>Indicators and thresholds for the identification as FSC highly hazardous pesticide</b>	2.1.A Extremely or highly hazardous (Ia and Ib) (WHO) 2.1.B Acute toxicity mammals and birds LD50< 200mg/kg body weight 2.1.C: Fatal if inhaled (H330) (GHS)
<b>Safety data sheet (SDS)</b>	Typical example: <a href="https://static1.squarespace.com/static/5a5ebfbbed74cff30017f4e32/t/6147eb74ac6936669da60d04/1632103285489/SDS_Foxoff+Fox+Bait+12Jul2021.pdf">https://static1.squarespace.com/static/5a5ebfbbed74cff30017f4e32/t/6147eb74ac6936669da60d04/1632103285489/SDS_Foxoff+Fox+Bait+12Jul2021.pdf</a>
<b>Product label</b>	Ejector capsules (typical example): <a href="https://elabels.apvma.gov.au/69620ELBL.pdf">https://elabels.apvma.gov.au/69620ELBL.pdf</a> Baits (typical example): <a href="https://elabels.apvma.gov.au/80924ELBL.pdf">https://elabels.apvma.gov.au/80924ELBL.pdf</a> Liquids (typical example): <a href="https://elabels.apvma.gov.au/87712ELBL.pdf">https://elabels.apvma.gov.au/87712ELBL.pdf</a>
<b>Existing national or regional level risk assessments undertaken by regulatory agencies</b>	APVMA: <a href="https://www.apvma.gov.au/sites/default/files/sodium-fluororacetate-1080-phase6-env.pdf">https://www.apvma.gov.au/sites/default/files/sodium-fluororacetate-1080-phase6-env.pdf</a>
<b>Purpose for the use of the HHP (<u>underline</u>)</b>	Protection of trees or other vegetation, logs, human health, <u>livestock</u> , <u>native species</u> , <u>seeds or seedlings</u> , weed control Used for the control of feral animals, e.g. dogs, European fox, rabbits, and pigs that have a significant environmental and economic impact.

## 2. Environmental and social risk assessment (ESRA) for the use of sodium fluoroacetate

Please refer to the risk profiling in <FSC ESRA 1080> document, which is available on <https://anz.fsc.org/forest-management-certification/australian-forest-management-certification>

## 3. Decision on the use of sodium fluoroacetate

Based on the risk characterisation above, the Standard Development Group has concluded that (underline):

Sodium fluoroacetate may be used in Australia

Sodium fluoroacetate shall not be used in Australia

## 4. Risk mitigation strategies



Please refer to the 'Mitigation strategies defined to minimise risk' column in the risk profiling in <FSC ESRA 1080> document and the associated <FSC listed HHP chemicals general mitigation measures>. Both documents are available on <https://anz.fsc.org/forest-management-certification/australian-forest-management-certification>

**5. Definition of circumstances where a highly restricted HHPs may be used instead of a restricted HHP**

Not applicable in Australia