Type of document: FSC Pesticide Derogation Approval  
Confidentiality: No restrictions  
Approved by: FSC Board Pesticides Committee  
Effective Date: 01 February 2011  
Expiration Date: 01 February 2016  
Related Documents:  
- FSC-POL-30-001 FSC Pesticides Policy  
- FSC-GUI-30-001 FSC Pesticides Policy Guidance  
- FSC-PRO-01-004 Processing pesticide derogation applications

<table>
<thead>
<tr>
<th>Date: 01 February 2011</th>
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**FSC Board Committee decision:**

- approves the derogation application to use alpha-Cypermethrin in certified plantations in Australia for **5 years** provided that the certificate holders:

  1. limit the use of alpha-Cypermethrin to *ground application* where possible (in view of rather high risks to beneficial insects and birds from spray drift which may be considerably greater for aerial application;  

    2. if ownership of a company which previously applied for a derogation has changed, submit information on the measures currently established for risk mitigation and risk management regarding the use of alpha-Cypermethrin (this applies to Elders Forestry Ltd and Australian Bluegum Plantations Pty Ltd);  

    3. establish a working program to develop alternative control methods for each pest species, including research on biological alternatives and preventive silvicultural practices measures (such as planting more resistant tree species, e.g. other native tree species or mixed plantations);  

    4. establish or support research on the natural enemies of target pest insects, e.g. identifying species which parasitize or prey on pest insects, life cycles of major enemies, preferred types of habitat, and promote natural enemies, e.g. by providing suitable habitat on part of managed areas by planting hedges around seed beds in nurseries, leaving retention trees, putting up nesting boxes for birds and bats, etc;  

    5. keep records of insecticide use in plantations and nurseries (including information on the product, area treated, application method and rate), and monitor key natural enemies of pest insects shortly **after** applying alpha-Cypermethrin in plantations (at

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1 Up-to-date information should be provided to the certifier and FSC IC within the space of a certain period of the Pesticides Committee's decision (e.g. within 8 weeks). Submitting the requested information should be a requirement for granting these companies a derogation (provided that a derogation is approved).
least once during the derogation period and on a representative scale);  

6. use Bacillus thuringiensis (subspecies kurstaki), Metarhizium anisopliae (var. acridium), and/or Spinosad (a fermentation product), Neem extract (Azadirachthin), or other highly selective insecticides to control certain pest insects for which they are authorized; 

7. set voluntary reduction targets for insecticide use, with the treated area as an indicator (for example, at least 60% smaller area (ha) treated with alpha-Cypermethrin after two years, and at least 90% smaller treated area after three years); 

8. provide (preferably jointly) a mid-term report until the end of January 2012 which shall include the following information: 
   a. use of pesticides and biological agents (amount applied and hectares treated, for particular tree species and major pest insects); 
   b. progress in the implementation of a program to develop alternatives (including schedule, research partners, and resources); 
   c. reductions achieved in the use of alpha-Cypermethrin (total use (kg or litres) and hectares treated); 
   d. results of field surveys of natural enemies of pest insects and of a progress in the identification and promotion of key natural enemies; 

9. strictly follow all legal requirements in Australia (or particular states/territories) for risk mitigation and minimization during pesticide use, in particular measures required by the APVMA for occupational and environmental safety including worker protection and buffer zones near sensitive areas (e.g. wildlife habitats, banks of streams/lakes, catchment areas). 

List of FSC certified forestry units covered under this Alpha-Cypermethrin derogation:

<table>
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<tr>
<th>FSC Certificate Holder (CH)</th>
<th>Certificate Number</th>
<th>Active Ingredient</th>
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<tbody>
<tr>
<td>Rewards Group Limited</td>
<td>SW-FM/COC-1778</td>
<td>alpha-Cypermethrin</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Fastac® Duo (Nufarm)</td>
</tr>
<tr>
<td>Timbercorp Limited (former CH)</td>
<td></td>
<td>Dominex® Duo (Crop Care)</td>
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<tr>
<td>Now managed by:</td>
<td></td>
<td>Astound® Duo (Nufarm)</td>
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<tr>
<td>Australian Bluegum Plantations Pty Ltd</td>
<td></td>
<td></td>
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<tr>
<td>Elders Forestry Limited</td>
<td>SW-FM/COC-1217</td>
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<tr>
<td>Great Southern Timber Holdings Pty Ltd</td>
<td>SA-FM/COC-1528</td>
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<tr>
<td>Albany Plantation Forest Company of Australia Pty. Ltd</td>
<td>SA-FM/COC-1378</td>
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**Note**: Failure to demonstrate compliance with the conditions included in this document may result in the termination of the derogation.