PESTICIDE DEROGATION

Pesticide derogation: Use of Amitrole in Australia

FSC reference code: FSC-DER-30-V1-0 EN Amitrole Australia 01022011

Date: 01 February 2011

FSC Board Committee decision:

Approves a derogation to use Amitrole in ground and aerial application to control grass, broad-leaved, and woody weeds in certified forest plantations in Australia, provided that the certificate holders:

1. reduce application rates of Amitrole to the minimum needed for achieving management goals by using mixed formulations that contain Amitrole as a (minor) component and supplementing or replacing it with alternatives such as cultural and preventive measures, or less hazardous herbicides (if registered), e.g. aminopyralid, asulam, clopyralid, cycloxydim, fluoroxypr, imazapyr, metosulam, metsulfuron-methyl, picloram, primisulfuron, sulfometuron -methyl, and natural products (e.g. fatty acids, pelargonic acid) or analogues (mesotrione);
2. apply Amitrole via ground spraying only;
3. Applicants to apply Amitrole directly as a strip treatment across the mound or as an inter-row application when trees are particularly small (e.g., during the first two years after planting);
4. keep records on Amitrole use (treated area, application rate/method), include information in forest management reports, and set quantitative targets for use reduction (e.g. 40% reduced total use (kg active ingredient per year) within two years, and 80% less within four years);¹
5. conduct field trials to identify less hazardous alternative herbicides, and improve non-chemical (cultural, mechanical, and/or biological) methods within integrated weed management;

¹ A higher reduction target is suggested for hexazinone than for terbuthylazine in view of the higher acute oral toxicity of hexazinone, based on animal tests (LD₅₀) and WHO’s hazard classification (WHO 2010).
6. strictly follow all specified protocols to reduce the risks to workers and non-target species;

7. if ownership of a company which previously applied for a derogation has changed, provide information on the currently established measures for risk mitigation during pesticide use and general risk management (particularly regarding use of Amitrole).

List of FSC certified forestry units covered under this Amitrole derogation:

<table>
<thead>
<tr>
<th>Certificate holder / Geographic scope (State)</th>
<th>Certificate number</th>
<th>Active ingredient</th>
</tr>
</thead>
<tbody>
<tr>
<td>Albany Plantation Forest Company of Australia Pty. Ltd</td>
<td>SA-FM/COC-1378</td>
<td>Amitrole</td>
</tr>
<tr>
<td>Great Southern Timber Holdings Pty Ltd SW Western Australia</td>
<td>SA-FM/COC-1528</td>
<td>Amitrole</td>
</tr>
<tr>
<td>Elders Forestry Limited SW Western Australia, Esperance, Green Triangle, Queensland</td>
<td>SW-FM/COC-1217</td>
<td>Amitrole</td>
</tr>
<tr>
<td>Timbercorp Limited (formerly)</td>
<td>SW-FM/COC-1327</td>
<td>Amitrole</td>
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</tbody>
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*Note*: Failure to demonstrate compliance with the conditions included in this document may result in the termination of the derogation.