Native to tropical and sub-tropical Asia, bamboos were introduced as an ornamental, and are often used as shelter belts or for erosion control. Dense stands of bamboo grow to the total exclusion of other vegetation in many different environments.

**Legal requirements**

Bamboo is not a prohibited or restricted invasive plant under the *Biosecurity Act 2014*. However, by law, everyone has a general biosecurity obligation (GBO) to take reasonable and practical steps to minimise the risks associated with invasive plants and animals under their control.

Local governments must have a biosecurity plan that covers invasive plants and animals in their area. This plan may include actions to be taken on certain species. Some of these actions may be required under local laws. Contact your local government for more information.
**Description**

Bamboos are perennial, tall, woody grasses of varying heights of 2–15 m. They have hollow canes with nodes at intervals and alternate thick, grass-like leaves.

Shoots from buds of underground stems (rhizomes) spread and produce new canes either slowly (clumping bamboos) or rapidly (running bamboos). The former (e.g. **Bambusa** spp.) are less invasive of native vegetation and gardens than the latter (e.g. **Phyllostachys** spp.) in which rhizomes may grow as far as 1 m from the parent plant in the first year, the rate of growth increasing each year afterwards. Each rhizome is capable of producing many new shoots along its length.

Flowers are usually insignificant and held on slender arching panicles.

**Control**

**Manual control**

Digging plants out can be a very difficult job and may require heavy equipment. Continuing removal of tops will usually be necessary due to the plant’s resprouting; however, ongoing regular cutting or mowing will eventually kill most plants by exhausting their food reserves.

**Herbicide control**

Various formulations containing glyphosate as their only active ingredient are registered for the control of bamboo in Queensland.

See Table 1 for treatment options allowed by the permit.

Prior to using the herbicides listed under this permit (PER11463) you must read or have read to you and understand the conditions of the permit. To obtain a copy of this permit visit apvma.gov.au.

**Follow up**

Monitor treated areas regularly for any new seedlings or regrowth.

**Further information**

Further information is available from your local government office, or by contacting Biosecurity Queensland on 13 25 23 or visit biosecurity.qld.gov.au.

<table>
<thead>
<tr>
<th>Situation</th>
<th>Herbicide</th>
<th>Rate</th>
<th>Registration details</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bambusa</strong> spp. only</td>
<td>Glyphosate various formulations</td>
<td>Consult label for correct rate for your formulation</td>
<td>Spot spray (remove tops of bamboo shoots and spot spray actively growing foliage and/or regrowth 1–2 m high)</td>
<td></td>
</tr>
<tr>
<td>Non-crop</td>
<td>Glyphosate (various formulations)</td>
<td>Consult label for correct rate for your formulation</td>
<td>Cut stump (cut stems back to 20 cm high and immediately pour herbicide down the hollow stem and wet the cut)</td>
<td></td>
</tr>
<tr>
<td>Other bamboo species: Non-agricultural areas, domestic and public service areas, commercial and industrial areas, bushland/native forests, roadsides, rights-of-way, vacant lots, wastelands, wetlands, dunal and coastal areas</td>
<td>Glyphosate 360 g/L</td>
<td>1 L/100 L water</td>
<td>APVMA permit PER11463 Permit expires 30/06/2023 Spot spray (remove tops of bamboo shoots and spot spray actively growing foliage and/or regrowth 1–2 m high)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Glyphosate (other formulations)</td>
<td>Consult permit for rate for other formulation</td>
<td>Cut stump (cut stems back to 20 cm high and immediately pour herbicide down the hollow stem and wet the cut)</td>
<td></td>
</tr>
<tr>
<td>Non-crop areas, rights-of-way, reserves and bushland LOGAN CITY COUNCIL AND BRISBANE CITY COUNCIL AREAS ONLY</td>
<td>Flupropanate 745 g/L (e.g. Kennock, Rambo, Tussock)</td>
<td>200 mL/100 L water</td>
<td>APVMA permit PER12694 Permit expires 30/06/2020 Restrictions apply to the use of flupropanate where livestock are grazed, including rights-of-way. In these situations, WITHHOLDING PERIODS APPLY</td>
<td></td>
</tr>
</tbody>
</table>

*Read the herbicide label carefully before use. Always use the herbicide in strict accordance with label directions.*