Overview

This standard covers the control of pests, diseases, disorders and unwanted vegetation. There are a range of techniques and tools available for control of pests, diseases, disorders and unwanted vegetation across all environments: terrestrial, freshwater, coastal and marine. Techniques can include, prevention, monitoring, control, eradication. Unwanted vegetation can include, invasive, harmful or toxic species.

You will be working in accordance with instructions and specifications and not expected to make decisions about the most appropriate methods of control to use.

You must carry out your work in a way that takes account of any impact on the environment.

This standard is suitable for those controlling pests, diseases, disorders and unwanted vegetation at different sites in different situations.

If you are working with chemicals or machinery you need to be appropriately trained in line with current legislation, and hold relevant certification where appropriate.
Performance criteria
You must be able to:

P1 carry out all work in accordance with instructions and specifications
P2 carry out all work in accordance with relevant environmental and health and safety legislation, risk assessment requirements, codes of practice and company policies
P3 maintain site bio-security to prevent pests, diseases, disorders or unwanted vegetation being imported, spread or taken off the site
P4 maintain appropriate levels of site and personal hygiene
P5 confirm the methods of control to be used
P6 prepare and use equipment that is appropriate for the work, safely and effectively, including PPE where required
P7 clarify any relevant site restrictions or designations in place
P8 check that any necessary permissions, consents or licences are in place before commencing work
P9 ensure you have or know where to access relevant sources of information or expertise
P10 handle all materials carefully, safely and efficiently in accordance with instructions and specifications
P11 implement methods of control in a way that minimises the risks to non-target species and the environment
P12 deal with waste safely and correctly in accordance with instructions to maintain site bio-security and unwanted spread
P13 complete records as appropriate
Knowledge and understanding

You need to know and understand:

K1 the importance of completing activity in accordance with instructions and specifications
K2 the purpose, scope and objectives of the activity
K3 the context of the site in the wider environment eg what risk the site poses to the wider environment and how the wider environment can affect the site
K4 methods of maintaining bio-security and the reasons why it is important to help prevent pests, diseases, disorders or unwanted vegetation being imported, spread or taken off the site
K5 the implications of the legislation that affects your work, including any constraints e.g. public access
K6 the implications of relevant site restrictions or designations and how to obtain any relevant permissions, consents or licenses for the activity to take place
K7 safe handling and effective use of materials, equipment (including PPE) and chemicals during the control of pests, diseases, disorders or unwanted vegetation and the importance of following instructions for use
K8 different methods of controlling pests, diseases, disorders and unwanted vegetation in different situations
K9 the sources of information to aid the control of pests, diseases, disorders or unwanted vegetation
K10 methods of maintaining site and personal hygiene and why it is important
K11 the potential impact of your activities on the environment and how to minimise this
K12 how the location, current or past uses and the habitats found on the site may impact on the likely pests, diseases, disorders or unwanted vegetation present
K13 the high priority invasive species currently found in the UK
K14 the pests, diseases, disorders or unwanted vegetation that are a priority for the site
K15 how the time of year may affect the presence and the control of pests, diseases, disorders or unwanted vegetation
K16 the impact of pests, diseases, disorders or unwanted vegetation, how they can spread and damage the surrounding environment, structures or surfaces
K17 safe working practices for handling or managing pests, diseases,
LANCS54 Control pests, diseases, disorders and unwanted vegetation

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>K18</td>
<td>how to record appropriate details and the appropriate agencies to supply the records to</td>
</tr>
<tr>
<td>K19</td>
<td>the limits of your own expertise and where to seek advice</td>
</tr>
<tr>
<td>K20</td>
<td>the importance of public liability and professional indemnity insurance</td>
</tr>
<tr>
<td>K21</td>
<td>relevant protocols, codes of conduct and legislation</td>
</tr>
<tr>
<td>K22</td>
<td>how to handle, transport and dispose of waste in accordance with relevant legal and organisational requirements and the importance of bio-security</td>
</tr>
<tr>
<td>K23</td>
<td>your responsibilities under current environmental and health and safety legislation, codes of practice and company policies</td>
</tr>
</tbody>
</table>
LANCS54
Control pests, diseases, disorders and unwanted vegetation

Glossary

Specifications: work plans; drawings; schedules; method statements; Standard Operating Procedures (SOPs); manufacturers’ guidelines; good practice guidelines; customer requirements

Instructions: verbal or written.

Pests may include insects, slugs, snails, rodents for example.

Diseases may be fungal, viral or bacterial.

Disorders may include nutrient deficiencies (e.g. nitrogen or calcium deficiencies).

Control methods may be manual, mechanical, biological, cultural, chemical, eradication, prevention, mitigation

Unwanted vegetation may be invasive species, harmful/toxic species, common weeds

The GB Non-native Species Secretariat hosts an information portal for non-native species present in the UK. It contains full details, impact and methods of control for over 300 species.

Also available on the GB Non-native Species Secretariat is the NBN search facility for monitoring where non-native species can be found in the UK, you can also link to the RICS recording facility to record any new arrivals and note the spread of existing non-natives.

Links To Other NOS

LANCS76 Arrange management of invasive or harmful species
<table>
<thead>
<tr>
<th>Developed by</th>
<th>Lantra</th>
</tr>
</thead>
<tbody>
<tr>
<td>Version number</td>
<td>2</td>
</tr>
<tr>
<td>Date Approved</td>
<td>December 2013</td>
</tr>
<tr>
<td>Indicative review date</td>
<td>December 2018</td>
</tr>
<tr>
<td>Validity</td>
<td>Current</td>
</tr>
<tr>
<td>Status</td>
<td>Original</td>
</tr>
<tr>
<td>Originating organisation</td>
<td>Lantra</td>
</tr>
<tr>
<td>Original URN</td>
<td>LANCS54</td>
</tr>
<tr>
<td>Relevant occupations</td>
<td>Arboriculture and forestry; General Farm Worker; Nursery Worker; Groundsman; Greenkeeper; Gardener; Park Ranger; Estate Worker</td>
</tr>
<tr>
<td>Suite</td>
<td>Horticulture; Agricultural Crop Production; Treework; Environmental Conservation</td>
</tr>
<tr>
<td>Keywords</td>
<td>insects; slugs; snails; fungal; viral; bacterial; plant; invasive; harmful; species; non-native; toxic</td>
</tr>
</tbody>
</table>