



NZ • SPORTS • TURF

INSTITUTE

Unit 1168 Control Common Turf Weeds

Evidence Worksheet

Name: _____ Date: _____

Club/Venue: _____

Address: _____

Turf Area (please circle one):

Bowling Green Cricket Pitch Golf Green Sports Field Other _____

Now that you have completed the correspondence unit 1159 'Identify common turf weeds', this related unit involves putting into practice methods to control the weeds in your sports turf area.

This evidence worksheet is not compulsory but may be used as a guide in the collection of evidence for unit standard 1168.

Weed control can be achieved using one or more integrated pest management (IPM) strategies:

- Regulatory – rules
- Biological – control by another living organism e.g. bacteria
- Genetic – plant breeding
- Cultural – irrigation, fertilising, mowing, renovation etc.
- Physical – squashing
- Chemical – contact or stomach poison, systemic

Please complete as much of the following tables as possible, using brief notes or bullet points. You need to evaluate **five** weeds. You can fill in details for a past weed control programme or one in progress.

You should also provide your assessor with additional evidence such as diary information, workplace procedures or policies, before and after control photos.

<p>Weed 1</p> <p>Common name of weed</p> <p>Description</p> <p>Location</p> <p>Extent of problem (% surface area affected)</p> <p>Control trigger level (% or number of pests)</p> <p>What time of year is it a problem?</p>	<p>Photo if possible</p>
<p>What IPM options could you <u>ideally</u> use to control this weed (i.e. regulatory, biological, genetic, cultural, physical, chemical)?</p>	<p>What control options have you <u>chosen</u> to use and why?</p>

Chemical product and application rate (if used)
Show your calculations

Effect of control option on environment (i.e. turf use, health and safety)?

Cost of control option?

Time frame of programme

Result of programme, was it effective?

How did you evaluate your success (i.e. Botanical composition, % live species, % dead species)?

What future changes would you make to your control programme?

<p>Weed 2</p> <p>Common name of weed</p> <p>Description</p> <p>Location</p> <p>Extent of problem (% surface area affected)</p> <p>Control trigger level (% or number of pests)</p> <p>What time of year is it a problem?</p>	<p>Photo if possible</p>
<p>What IPM options could you <u>ideally</u> use to control this weed (i.e. regulatory, biological, genetic, cultural, physical, chemical)?</p>	<p>What control options have you <u>chosen</u> to use and why?</p>

Chemical product and application rate (if used)
Show your calculations

Effect of control option on environment (i.e. turf use, health and safety)?

Cost of control option?

Time frame of programme

Result of programme, was it effective?

How did you evaluate your success (i.e. Botanical composition, % live species, % dead species)?

What future changes would you make to your control programme?

<p>Weed 3</p> <p>Common name of weed</p> <p>Description</p> <p>Location</p> <p>Extent of problem (% surface area affected)</p> <p>Control trigger level (% or number of pests)</p> <p>What time of year is it a problem?</p>	<p>Photo if possible</p>
<p>What IPM options could you <u>ideally</u> use to control this weed (i.e. regulatory, biological, genetic, cultural, physical, chemical)?</p>	<p>What control options have you <u>chosen</u> to use and why?</p>

Chemical product and application rate (if used)
Show your calculations

Effect of control option on environment (i.e. turf use, health and safety)?

Cost of control option?

Time frame of programme

Result of programme, was it effective?

How did you evaluate your success (i.e. Botanical composition, % live species, % dead species)?

What future changes would you make to your control programme?

<p>Weed 4</p> <p>Common name of weed</p> <p>Description</p> <p>Location</p> <p>Extent of problem (% surface area affected)</p> <p>Control trigger level (% or number of pests)</p> <p>What time of year is it a problem?</p>	<p>Photo if possible</p>
<p>What IPM options could you <u>ideally</u> use to control this weed (i.e. regulatory, biological, genetic, cultural, physical, chemical)?</p>	<p>What control options have you <u>chosen</u> to use and why?</p>

Chemical product and application rate (if used)
Show your calculations

Effect of control option on environment (i.e. turf use, health and safety)?

Cost of control option?

Time frame of programme

Result of programme, was it effective?

How did you evaluate your success (i.e. Botanical composition, % live species, % dead species)?

What future changes would you make to your control programme?

<p>Weed 5</p> <p>Common name of weed</p> <p>Description</p> <p>Location</p> <p>Extent of problem (% surface area affected)</p> <p>Control trigger level (% or number of pests)</p> <p>What time of year is it a problem?</p>	<p>Photo if possible</p>
<p>What IPM options could you <u>ideally</u> use to control this weed (i.e. regulatory, biological, genetic, cultural, physical, chemical)?</p>	<p>What control options have you <u>chosen</u> to use and why?</p>

Chemical product and application rate (if used)
Show your calculations

Effect of control option on environment (i.e. turf use, health and safety)?

Cost of control option?

Time frame of programme

Result of programme, was it effective?

How did you evaluate your success (i.e. Botanical composition, % live species, % dead species)?

What future changes would you make to your control programme?