



NZ • SPORTS • TURF

INSTITUTE

Unit 1169 Controlling Common Turf Diseases

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 attended the off-job training session for Unit 1160 'Identify common turf diseases', this related unit involves putting into practice methods to control the diseases 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 1169.

Disease 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 **three** diseases. You can fill in details for a past disease 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>Disease 1</p> <p>Common name of Disease</p> <p>Description</p> <p>Location</p> <p>Extent of problem (% surface area affected)</p> <p>Control trigger level (% of surface or number of disease patches)</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 disease (i.e. regulatory, biological, genetic, cultural, physical, chemical)?</p> | <p>What control options have you chosen 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. number of disease spots or patches, presence on any known indicator sites)?

What future changes would you make to your control programme?

| | |
|--|---|
| <p>Disease 2</p> <p>Common name of Disease</p> <p>Description</p> <p>Location</p> <p>Extent of problem (% surface area affected)</p> <p>Control trigger level (% of surface or number of disease patches)</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 disease (i.e. regulatory, biological, genetic, cultural, physical, chemical)?</p> | <p>What control options have you chosen 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. number of disease spots or patches, presence on any known indicator sites)?

What future changes would you make to your control programme?

| | |
|--|---|
| <p>Disease 3</p> <p>Common name of Disease</p> <p>Description</p> <p>Location</p> <p>Extent of problem (% surface area affected)</p> <p>Control trigger level (% of surface or number of disease patches)</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 disease (i.e. regulatory, biological, genetic, cultural, physical, chemical)?</p> | <p>What control options have you chosen 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. number of disease spots or patches, presence on any known indicator sites)?

What future changes would you make to your control programme?