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**CERTIFICATE OF COMPETENCE
IN THE
SAFE USE OF PESTICIDES
(0213)**

FOUNDATION UNIT PA1

ASSESSMENT SCHEDULE

Module PA1

FOUNDATION MODULE Safe use of Pesticides, Environmental Factors and Legislation

The successful completion of this Module will be a condition of entry to any other Module in this schedule.

Objectives:

The candidate will be able to:

- 1) Identify those **key** aspects of legislation which apply to the use of pesticides.
- 2) Identify the precautions necessary to use a product safely, using product label information.
- 3) Identify, select and understand the maintenance and storage of the correct personal protective equipment for use with a particular product as determined by a label and/or COSHH risk assessment. Follow appropriate personal hygiene procedures to prevent personal contamination. Follow the appropriate procedures for dealing with accidental personal contamination.
- 4) Understand the correct procedures for the storage of pesticides.
- 5) Understand the correct procedures for the disposal of empty pesticide containers, surplus pesticide and washings.
- 6) Understand the records that must be kept.
- 7) Understand the situations where pesticide application may pose a risk to people or the environment.

Notes:

This module is assessed by computer based multiple choice questioning via GOLA (Global On-Line Assessment).

Candidates are required to complete all the test items.

Candidates may not refer to any appropriate literature during the assessment.

Each PA1 GOLA test will have 33 multiple choice questions and to be declared 'competent', a candidate will need to get a minimum of 24 correct answers which must include a minimum of one question correctly answered in each of the 7 activities.

The Code of Practice reference following every Assessment Criteria gives general guidance (by Page & Section) as to where information may be found in the "Code of practice for using plant protection products" published in January 2006. Additional information is often given elsewhere in the Code.

Assessment Activity	Assessment Criteria/Code of Practice Ref.
Legislation	
1. Demonstrate knowledge of operator's responsibilities under current legislation controlling the use of pesticides	<ul style="list-style-type: none"> - Use pesticides in a safe manner (S1.4) - Comply with the COSHH assessment that has been carried out (S3.4) - Carry out & comply with an Environmental Assessment on the application site (S4.2.1) - Keep up to date with pesticide related legislation (S2.7) - Receive adequate training for the task (S2.2) - Follow the appropriate Code of Practice for safe use of pesticides (S1.4) - Ensure that equipment is calibrated and in good condition (S4.2.1)
Interpreting Product Label Information	
2. Demonstrate knowledge of the meaning of label information and modifications/extensions to product use	<ul style="list-style-type: none"> - Statutory status of the label (S3.2.4) - Active ingredients (Annex C1) - Approved field of use (S3.1.3) - Maximum dose rate (S3.2.4) - Latest timing of applications (S3.2.4) - Current approval number (S3.2.3) - Approved adjuvants (Annex C1) - Specific off-label approvals (S3.2.5)
Personal Safety & Contamination	
<p>3. Demonstrate knowledge of routes of contamination & personal hygiene</p> <p>Demonstrate knowledge of pesticide contamination symptoms</p> <p>Demonstrate knowledge of dealing with pesticide contamination</p> <p>Demonstrate knowledge of suitability/serviceability of PPE</p>	<ul style="list-style-type: none"> - Inhalation, ingestion, absorption (S3.4.4) - Eating, drinking and smoking (S3.5.9) - PPE removal & personal washing (S3.5.9) - PPE cleaning & storage (S3.5.7) <p>- Headache, nausea, stomach pain etc. (S3.2.4)</p> <p>Methods of dealing with contamination of</p> <ul style="list-style-type: none"> - self - third parties (S3.2.4) <p>Third party information access (S3.2.4)</p> <ul style="list-style-type: none"> - Significance of quality standard markings (S3.5.6) <p>Type, condition & features of</p> <ul style="list-style-type: none"> - coveralls - gloves - faceshields - footwear - respirators (Annex E)
Pesticide and Container Storage	
4. Demonstrate knowledge of operator's responsibilities	<ul style="list-style-type: none"> - Precautions to reduce chances of spillage (S3.3.4) - Dealing with minor spillages (S4.2.1) - Product segregation (S3.3) - Dealing with packaging/ empties (S5.7) - Maintain stock record (S6.2) - Maintain stock security (S3.3) - Return of unused concentrated pesticide to the store (S3.3.2) - Mobile storage & transport (S3.3.3)

Assessment Activity	Assessment Criteria/Code of Practice Ref.
Disposals	
<p>5. Practices to follow to reduce need for disposals</p> <p>Demonstrate knowledge of container and packaging disposal</p> <p>Demonstrate knowledge of disposal of dilute pesticides and washings from application equipment</p> <p>Demonstrate knowledge of disposal of concentrated pesticides</p>	<ul style="list-style-type: none"> - Correct mixing of pesticide (S4.5.2) - Correct calibration of applicator (S4.2.1) - Accuracy of calculations (S4.2.1) - Triple rinse manually (S5.6) - Use of built in rinsing systems (S5.6) - Secure storage until disposal (S5.6) - Return to supplier (S5.6) - Collection of containers by licensed waste disposal contractor (S5.6) - Back onto site/target as long as below full rate (S5.5) - Treated by specialist treatment plant (S5.5) - Collected by licensed waste disposal contractor (S5.5) - Approved disposal site (S5.5) - Return to supplier if currently approved (S5.4) - Collected by licensed waste disposal contractor if out of approval or suspect in any way (S5.4)
Record Keeping	
<p>6. Demonstrate awareness of pesticides records that should be kept</p>	<ul style="list-style-type: none"> - Pesticide Treatment Records (S6.3) - Training records (S2.5) - Environmental assessment records (S6.5) - COSHH assessments (S6.4) - Control measures (S6.7) - Stock records (Table 7)
Environmental Factors	
<p>7. Demonstrate knowledge of environmental and wildlife consideration</p> <p>Demonstrate knowledge of Emergency procedures</p>	<ul style="list-style-type: none"> - Specially designated areas (SSSI's etc.) (S3.8.3) - Wildlife habitat protection (S3.8) - Off target contamination (S3.7.1) - Preferred time of day (Table 3) - Preferred weather conditions (S4.7.3) - Warning of neighbours/other interested parties (S3.7.2) - Public rights of way (S3.7.4) - Materials Safety Data Sheet (S3.2.2) - Dealing with major spillages (SA3) - Dealing with suspected animal poisoning (SA4)

PA1 GOLTA Test Specification

Activity	Group/ Assessment criteria	Items per test	Total per activity
01 Legislation	01.01, 01.04-01.05 Use pesticides in safe manner/ Keep up to date with pesticide related legislation/ Receive adequate training	2	4
	01.02-01.03 Comply with the COSHH assessment/ carry out and comply with an Environmental Assessment	1	
	01.06-01.07 Follow the appropriate Code of Practice/ ensure equipment is calibrated	1	
02 Interpreting Product Label Information	02.08-02.09, 02.13 Statutory status of label/ Active ingredients/ Current approval number	2	6
	02.10-02.12 Approved field of use/ Maximum dose rate/ Latest timing of application	2	
	02.14-02.16 Approved adjuvants/ Specific off-label approvals	2	
03 Personal Safety & Contamination	03.17-03.18 Inhalation, ingestion, absorption/ Eating, drinking, smoking	1	8
	03.19-03.20 PPE removal and personal washing/ PPE cleaning and storage	1	
	03.21, 03.24 Headache, nausea, stomach pain/ third party information access	1	
	03.22-03.23 Methods of dealing with contamination of self/ of third parties	1	
	03.25-03.27 Significance of quality standard/ Type condition and features of coveralls/ of gloves	2	
	03.28-03.30 Type, condition and features of faceshields/ of footwear/ of respirators	2	
04 Pesticide & Container Storage	04.31-04.33 Precautions to reduce spillage/ Dealing with minor spillage/ Product segregation	1	3
	04.34-04.36 Dealing with packaging/ Maintain stock record/ Maintain stock security	1	
	04.37-04.38 Return of unused concentrated pesticide/ Mobile storage and transport	1	
05 Disposals	05.39-05.41 Correct mixing/ Correct calibration/ Accuracy of calculations	1	5
	05.42-05.44 Triple rinse manually/ Built in rinse systems/ Secure storage	1	
	05.45-05.48 Return to supplier/ Incineration of containers/ Collection by licensed disposal contractor	1	
	05.49-05.52 Back onto site as long as below full rate/ Treated by specialist treatment plant/ Collected by licensed disposal contractor/ Approved disposal site	1	
	05.53-05.54 Return to supplier if approved/ Collected by licensed disposal contractor if not approved	1	
06 Record Keeping	06.55-06.56 Application records/ Training records/	1	3
	06.57-06.58 Environmental assessment records/ COSHH assessments	1	
	06.59-06.60 Control measures/ Stock records	1	
07 Environmental Factors	07.61-07.62 Specially designated areas/ Wildlife habitat protection	1	4
	07.63-07.65 Off target contamination/ Preferred time of day/ Preferred weather conditions	1	
	07.66-07.68 Warning of neighbours/ Public rights of way	1	
	07.73-07.75 Materials Safety Data Sheet/ Dealing with major spillages/ Dealing with suspected animal poisoning	1	
	Total	33	33