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**LEVEL 2 AWARD
IN THE
SAFE USE OF PESTICIDES (QCF) (0216)**

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.

Qualification and Credit Framework (QCF) – credit value

PA1 has a credit value of 1 credit on the QCF.

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 P17 (S1.4) - Comply with the COSHH assessment that has been carried out P37 (S3.4) - Carry out & comply with an Environmental Assessment on the application site P71 (S4.2.1) - Keep up to date with pesticide related legislation P26 (S2.7) - Receive adequate training for the task P20 (S2.2) - Follow the appropriate Code of Practice for safe use of pesticides P17 (S1.4) - Ensure that equipment is calibrated and in good condition P71 (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 P31 (S3.2.4) - Active ingredients P126 (Annex C1) - Approved field of use P29 (S3.1.3) - Maximum dose rate P32 (S3.2.4) - Latest timing of applications P32 (S3.2.4) - Current approval number P31 (S3.2.3) - Approved adjuvants P126 (Annex C1) - Specific off-label approvals P33 (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 P39 (S3.4.4) - Eating, drinking and smoking P48 (S3.5.9) - PPE removal & personal washing P48 (S3.5.9) - PPE cleaning & storage P47 (S3.5.7) <p>- Headache, nausea, stomach pain etc. P32 (S3.2.4)</p> <p>Methods of dealing with contamination of</p> <ul style="list-style-type: none"> - self - third parties P32 (S3.2.4) <p>Third party information access P32 (S3.2.4)</p> <ul style="list-style-type: none"> - Significance of quality standard markings P45 (S3.5.6) <p>Type, condition & features of</p> <ul style="list-style-type: none"> - coveralls - gloves - faceshields - footwear - respirators P140 (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 P36 (S3.3.4) - Dealing with minor spillages P71 (S4.2.1) - Product segregation P33 (S3.3) - Dealing with packaging/ empties P99 (S5.7) - Maintain stock record P101 (S6.2) - Maintain stock security P33 (S3.3) - Return of unused concentrated pesticide to the store P34 (S3.3.2) - Mobile storage & transport P35 (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 P76 (S4.5.2) - Correct calibration of applicator P71 (S4.2.1) - Accuracy of calculations P71 (S4.2.1) - Triple rinse manually P98 (S5.6) - Use of built in rinsing systems P98 (S5.6) - Secure storage until disposal P98 (S5.6) - Return to supplier P98 (S5.6) - Collection of containers by licensed waste disposal contractor P98 (S5.6) - Back onto site/target as long as below full rate P95 (S5.5) - Treated by specialist treatment plant P97 (S5.5) - Collected by licensed waste disposal contractor P97 (S5.5) - Approved disposal site P97 (S5.5) - Return to supplier if currently approved P94 (S5.4) - Collected by licensed waste disposal contractor if out of approval or suspect in any way P94 (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 P102 (S6.3) - Training records P25 (S2.5) - Environmental assessment records P104 (S6.5) - COSHH assessments P103 (S6.4) - Control measures P105 (S6.7) - Stock records P107 (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.) P60 (S3.8.3) - Wildlife habitat protection P58 (S3.8) - Off target contamination P53 (S3.7.1) - Preferred time of day P62 (Table 3) - Preferred weather conditions P89 (S4.7.3) - Warning of neighbours/other interested parties P54 (S3.7.2) - Public rights of way P56 (S3.7.4) - Materials Safety Data Sheet P30 (S3.2.2) - Dealing with major spillages P9 (SA3) - Dealing with suspected animal poisoning P10 (SA4)

PA1 GOLA 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