



**B O A R D O F S T U D I E S**  
NEW SOUTH WALES

## **2009 HSC Primary Industries Marking Guidelines**

### **Section I, Part A**

<b>Question</b>	<b>Correct Response</b>
1	A
2	B
3	C
4	C
5	C
6	C
7	D
8	A
9	D
10	B
11	B
12	A
13	A
14	A
15	B

## Section II

### Question 16 (a)

*Competencies assessed: RTC 2401A*

#### MARKING GUIDELINES

Criteria	Marks
• Identifies TWO factors to consider before spraying	2
• Identifies ONE factor to consider before spraying	1

### Question 16 (b) (i)

*Competencies assessed: RTE 2503A*

#### MARKING GUIDELINES

Criteria	Marks
• Identifies Tuesday as the best day	1

### Question 16 (b) (ii)

*Competencies assessed: RTC 2706A*

#### MARKING GUIDELINES

Criteria	Marks
• Provides THREE reasons for spraying on a particular day	3
• Provides TWO reasons for spraying on a particular day OR lists THREE reasons	2
• Provides ONE reason for spraying on a particular day OR lists TWO reasons	1

### Question 16 (c)

*Competencies assessed: RTC2706A*

#### MARKING GUIDELINES

Criteria	Marks
• Correctly recognises and names FIVE or SIX items that are required to be recorded	3
• Correctly recognises and names THREE or FOUR items that are required to be recorded	2
• Correctly recognises and names ONE or TWO items that are required to be recorded	1

**Question 17 (a)***Competencies assessed: RTC 2704A***MARKING GUIDELINES**

<b>Criteria</b>	<b>Marks</b>
• Lists TWO important factors to take into consideration for this situation	2
• States ONE factor to take into consideration for this situation	1

**Question 17 (b)***Competencies assessed: RTC 2704A***MARKING GUIDELINES**

<b>Criteria</b>	<b>Marks</b>
• Provides detailed reasons for the TWO factors	4
• Provides detailed reasons for ONE factor AND only limited reasons for the second factor	3
• Provides detailed reasons for only ONE factor OR	2
• Provides limited reasons for TWO factors	
• Provides limited reasons for ONE factor only	1

**Question 17 (c)***Competencies assessed: RTC 2704A***MARKING GUIDELINES**

<b>Criteria</b>	<b>Marks</b>
• Provides characteristics/ features of AT LEAST THREE steps that would be taken	3
• Provides characteristics/ features of TWO steps that would be taken OR	2
• States THREE steps that would be taken (without providing characteristics/ features)	
• Provides characteristics/ features of ONE step that would be taken OR	1
• States TWO steps that would be taken (without providing characteristics/ features)	

**Question 18 (a)**

*Competencies assessed: RTC2701A*

**MARKING GUIDELINES**

<b>Criteria</b>	<b>Marks</b>
<ul style="list-style-type: none"> <li>• Recognises and names <b>THREE</b> hazards and a different risk associated with each hazard</li> </ul>	3
<ul style="list-style-type: none"> <li>• Recognises and names <b>TWO</b> hazards and a different risk associated with each hazard</li> </ul> OR <ul style="list-style-type: none"> <li>• Recognises and names <b>THREE</b> hazards and <b>ONE</b> risk</li> </ul> OR <ul style="list-style-type: none"> <li>• Recognises and names <b>ONE</b> hazard and <b>THREE</b> risks</li> </ul>	2
<ul style="list-style-type: none"> <li>• Recognises and names <b>ONE</b> hazard and <b>ONE</b> risk</li> </ul> OR <ul style="list-style-type: none"> <li>• Recognises and names <b>TWO</b> hazards and <b>ONE</b> risk</li> </ul> OR <ul style="list-style-type: none"> <li>• Recognises and names <b>THREE</b> hazards only</li> </ul>	1

**Question 18 (b)**

*Competencies assessed: RTC 2701A*

**MARKING GUIDELINES**

<b>Criteria</b>	<b>Marks</b>
<ul style="list-style-type: none"> <li>• Recognises and names <b>THREE</b> control measures for a hazard identified in part (a) in order of effectiveness</li> </ul>	3
<ul style="list-style-type: none"> <li>• Recognises and names <b>TWO</b> control measures for a hazard identified in part (a) in order of effectiveness</li> </ul> OR <ul style="list-style-type: none"> <li>• Recognises and names <b>THREE</b> control measures for a hazard identified in part (a) in the <b>INCORRECT</b> order of effectiveness</li> </ul>	2
<ul style="list-style-type: none"> <li>• Recognises and names <b>ONE</b> control measure for a hazard identified in part (a)</li> <li>• Recognises and names <b>TWO</b> control measures for a hazard identified in part (a) in the <b>INCORRECT</b> order of effectiveness</li> </ul>	1

**Question 18 (c)***Competencies assessed: RTC 2701A***MARKING GUIDELINES**

<b>Criteria</b>	<b>Marks</b>
• Provides detailed support for the ordering of the control measures	3
• Provides limited support for the ordering of the control measures	2
• Outlines a less significant reason for the ordering of the control measures	1

**Question 19 (a)***Competencies assessed: RTC 2801A***MARKING GUIDELINES**

<b>Criteria</b>	<b>Marks</b>
• Correctly draws a line graph including the following elements: <ul style="list-style-type: none"><li>– Labelling both X and Y axis with correct units</li><li>– Using appropriate scale on the X and Y axis</li><li>– Correctly plotting points and drawing a line of best fit</li><li>– Including a title/ heading for the graph</li></ul>	4
• Correctly draws a line graph but only includes THREE of the elements above	3
• Correctly draws a line graph but only includes TWO of the elements above	2
• Only includes ONE of the elements above	1

**Question 19 (b)***Competencies assessed: RTC 2801A***MARKING GUIDELINES**

<b>Criteria</b>	<b>Marks</b>
• Correctly identifies tomato	1

**Question 19 (c)***Competencies assessed: RTC 2401A***MARKING GUIDELINES**

<b>Criteria</b>	<b>Marks</b>
• Shows an understanding of at least TWO consequences	3
• Shows an understanding of at least ONE consequence, and identifies ONE other consequence	2
• Lists at least ONE consequence	1

## Section III

### Question 20

Competencies assessed: RTC 2401A, RTC 2705A, RTC 2706A

#### MARKING GUIDELINES

Criteria	Marks
<ul style="list-style-type: none"> <li>• Describes in detail characteristics which will make a weed successful</li> <li>• Provides a detailed evaluation of a comprehensive range of control measures, which could be used to control the named weed in an integrated weed management program</li> <li>• Organises information in a well reasoned and comprehensive response</li> <li>• Communicates ideas using precise industry terms</li> </ul>	13–15
<ul style="list-style-type: none"> <li>• Describes some characteristics which make a weed successful</li> <li>• Provides an evaluation of a range of control measures, which could be used to control the named weed in an integrated weed management program</li> <li>• Organises information in a reasoned and detailed response</li> <li>• Communicates ideas using relevant industry terms</li> </ul>	10–12
<ul style="list-style-type: none"> <li>• Describes some characteristics which make a weed successful</li> <li>• Provides a detailed description of some control measures, which could be used to control the named weed in an integrated weed management program</li> <li>• Organises information to some extent</li> <li>• Uses simple, relevant industry terms</li> </ul>	7–9
<ul style="list-style-type: none"> <li>• Lists some characteristics which make a weed successful</li> <li>• Describes a range of control measures, which could be used to control the named weed</li> <li>• Lists elements of a weed management program</li> <li>• Organises information to some extent</li> <li>• Uses simple industry terms</li> </ul>	4–6
<ul style="list-style-type: none"> <li>• States ONE or more characteristics which make a weed successful</li> <li>• Lists ONE or more control measures, which could be used to control the named weed</li> <li>• Lists ONE or more elements of a weed management program</li> </ul>	1–3

**Question 21**
*Competencies assessed: RTC 2209A RTC2701A RTC 2702A*
**MARKING GUIDELINES**

Criteria	Marks
<ul style="list-style-type: none"> <li>• Describes in detail the potential environmental and OHS hazards and risks associated with the construction of a fence</li> <li>• Provides a detailed evaluation of a range of measures that could be implemented to minimise these hazards and risks</li> <li>• Organises information in a well-reasoned and comprehensive response</li> <li>• Communicates ideas using precise industry terms</li> </ul>	13–15
<ul style="list-style-type: none"> <li>• Describes the potential environmental and OHS hazards and risks associated with the construction of a fence</li> <li>• Provides some evaluation of measures that could be implemented to minimise these hazards and risks</li> <li>• Organises information in a reasoned and detailed response</li> <li>• Communicates ideas using relevant industry terms</li> </ul>	10–12
<ul style="list-style-type: none"> <li>• Describes some of the potential environmental and OHS hazards and risks associated with the construction of a fence</li> <li>• Describes a range of measures that could be implemented to minimise these hazards and risks</li> <li>• Organises information to some extent</li> <li>• Uses simple relevant industry terms</li> </ul>	7–9
<ul style="list-style-type: none"> <li>• Lists some potential environmental and OHS hazards and risks associated with the construction of a fence</li> <li>• Lists a range of measures that could be implemented to minimise these hazards and risks</li> <li>• Organises information to some extent</li> <li>• Uses simple industry terms</li> </ul>	4–6
<ul style="list-style-type: none"> <li>• Lists ONE or more environmental or OHS hazards and risks associated with the construction of a fence</li> <li>• Lists ONE or more measures that could be implemented to minimise these hazards and risks</li> </ul>	1–3



**Question 22**

*Competencies assessed: RTC 2801A, RTC 2503A*

**MARKING GUIDELINES**

Criteria	Marks
<ul style="list-style-type: none"> <li>• Provides a discussion of the sources of information including identifying issues associated with each source of information</li> </ul> <p>AND</p> <ul style="list-style-type: none"> <li>• Provides an evaluation of a comprehensive range of preventative actions that could be implemented to reduce the effects of an extreme weather event</li> <li>• Organises information in a well-reasoned and comprehensive response</li> <li>• Communicates ideas using precise industry terms</li> </ul>	13–15
<ul style="list-style-type: none"> <li>• Provides a discussion of the sources of information including brief details of issues associated with each source of information</li> <li>• Provides a discussion of a range of preventative actions that could be implemented to reduce the effects of an extreme weather event</li> <li>• Organises information in a reasoned and detailed response</li> <li>• Communicates ideas using relevant industry terms</li> </ul>	10–12
<ul style="list-style-type: none"> <li>• Describes the sources of information</li> <li>• Describes a range of preventative actions that could be implemented to reduce the effects of an extreme weather event</li> <li>• Organises information to some extent</li> <li>• Uses simple relevant industry terms</li> </ul>	7–9
<ul style="list-style-type: none"> <li>• Lists some sources of information</li> <li>• Lists a range of preventative actions that could be implemented to reduce the effects of an extreme weather event</li> <li>• Organises information to some extent</li> <li>• Uses simple industry terms</li> </ul>	4–6
<ul style="list-style-type: none"> <li>• States ONE or more sources of information</li> <li>• Lists ONE or more preventative actions that could be implemented to reduce the effects of an extreme weather event</li> </ul>	1–3

# Primary Industries

## 2009 HSC Examination Mapping Grid

Question	Marks	Unit of competency / Element of competency	
<b>Section I</b>			
1	1	RTC 2701A 1.6	– Follow OHS Procedures
2	1	RTC 2704A 2.2	– Provide basic first aid
3	1	RTC 2704A 1.4	– Provide basic first aid
4	1	RTC 2209A 2.7	– Install, maintain and repair fencing
5	1	RTC 2209A 1.1	– Install, maintain and repair fencing
6	1	RTC 2702A 1.3	– Observe environmental work practices
7	1	RTC 2503A	– Observe and report on weather
8	1	RTC 2503A	– Observe and report on weather
9	1	RTC 2702A	– Observe environment work practices
10	1	RTC 2209A 2.3	– Install, maintain and repair fencing
11	1	RTC 2801A 4.3	– Participate in workplace communication
12	1	RTC 2706A 3.3	– Apply chemicals under supervision
13	1	RTC 2401A 1.3	– Treat weeds
14	1	RTC 2705A 6.5, 6.6	– Work in the industry efficiently
15	1	RTC 2706A 3.1	– Apply chemicals under supervision
<b>Section II</b>			
16 (a)	2	RTC 2401A 2.3	– Treat weeds
16 (b) (i)	1	RTE 2503A 3.3	– Observe and report on weather
16 (b) (ii)	3	RTC 2706A 1.1	– Apply chemicals under supervision
16 (c)	3	RTC 2706A 5.2	– Apply chemicals under supervision
17 (a)	2	RTC 2704A 2.3	– Provide basic first aid
17 (b)	4	RTC 2704A 2 2.3	– Provide basic first aid
17 (c)	3	RTC 2704A 2.2	– Provide basic first aid
18 (a)	3	RTC 2701A 1.2	– Follow OHS procedures
18 (b)	3	RTC 2701A 1.3	– Follow OHS procedures
18 (c)	3	RTC 2701A 1.3	– Follow OHS procedures
19 (a)	4	RTC 2801A 2.1	– Participate in workplace communication
19 (b)	1	RTC 2801A 2.1	– Participate in workplace communication
19 (c)	3	RTC 2401A 1.3	– Treat weeds
<b>Section III</b>			
20	15	2705A 1.2 2401A 1.1, 1.3 2706A 2.1	– Work in the industry efficiently – Treat weeds – Apply chemicals under supervision
21	15	2702A 1.1 2701A PC 1.2 2209A 1.3	– Observe environmental work practices – Follow OHS procedures – Install, maintain and repair fencing
22	15	2801A 3.1 RTE 2503A 2.1, 1.1, 3.1	– Participate in workplace communication – Observe and report on weather