

PICTON HIGH SCHOOL

Creating Opportunities Achieving Success



YEAR 12 Agriculture

Plant and Animal Research Presentation

Due Date Friday 4 th December 2020	Assessment Name: Research Paper
Mark: x/30	Weighting: 15 %

SYLLABUS OUTCOMES TO BE ASSESSED:

- H1.1. **Explains** the influence of physical, biological, social, historical and economic factors on sustainable agricultural production
- H2.1. **Describes** the inputs, processes and interactions of plant production systems
- H2.2. **Describes** the inputs, processes and interactions of animal production systems

DIRECTIVES TO BE ASSESSED:

Explains: Relate cause and effect; make the relationships between things evident; provide why and/or how

Describes: Provide characteristics and features

TASK DESCRIPTION:

This Assessment Task Requires You To:-

- Carry out internet research on one agricultural legislation that affects Australian Agriculture and the impact that it has on physical, social, economic and sustainable agricultural production.
- You can choose from one of the following legislations below or select a legislation of your own choice, but it must be approved by your teacher first.
- **The final copy of the research paper must be typed and submitted with this cover sheet.**
- Use the marking guidelines as a guide of the depth of knowledge and research required for this task.

Legislation Topics

- Animal Health/Welfare
- Water
- Carbon farming
- Horticulture code of conduct
- Pest and diseases
- Environment and/or Resource management
- Export
- Import
- Agricultural and Veterinary chemicals
- Biosecurity
- Local Land Services

Within these topics a large number of legislations exist. You will need to provide a specific legislation as an example in your research paper

ASSESSMENT CRITERIA – STUDENT CHECKLIST:

You will be assessed on your ability to:

- Carryout an appropriate internet research and to write a report
- Proper use of text and graphics in your research paper

MARKING GUIDELINES

H1.1. Explains the influence of physical, biological, social, historical and economic factors on sustainable agricultural production

Description	Possible Mark	Actual Mark
<p>Outstanding explanation of the influence of physical, biological, social, historical and economic factors on sustainable agricultural production</p> <ul style="list-style-type: none"> - Excellent choice and explanation of one agricultural legislation. - Excellent structure and links between the historical aspect of legislation and sustainable agricultural production. - Supports explanations with examples of legislation and the impacts it has on any two of physical, biological, social and economic factors on Agricultural production. - Demonstrate a clear and excellent understanding of all the directives required 	12-15	
<p>High level explanation of the influence of physical, biological, social, historical and economic factors on sustainable agricultural production</p> <ul style="list-style-type: none"> - Good explanation and highly suitable choice of one agricultural legislation. - Well-structured and sound links between the historical aspect of legislation and sustainable agricultural production. - Supports explanations with good examples and some impacts the legislation has on any one of physical, biological, social and economic factors on Agricultural production. - Demonstrate a clear and good understanding of all the directives required 	9-11	
<p>Sound level explanation of the influence of physical, biological, social, historical and economic factors on sustainable agricultural production</p> <ul style="list-style-type: none"> - Adequate explanation and choice of one agricultural legislation - Clear structure, reasonable links between the historical aspect of legislation and sustainable agricultural production. - Supports discussions with examples and limited understanding of the impact the legislation has on any one of physical, biological, social and economic factors on Agricultural production. - Demonstrate a good understanding of all the directives required 	6-8	
<p>Basic level explanation of the influence of physical, biological, social, historical and economic factors on sustainable agricultural production</p> <ul style="list-style-type: none"> - Basic explanation and narrow choice of agricultural legislation topic - Poor structure, few links between the historical aspect of legislation and sustainable agricultural production. 	3-5	

<ul style="list-style-type: none"> - Few examples of legislation and its impact on the physical, biological, social and economic Agricultural production factors. - Demonstrate a basic understanding of all the directives required 		
<p>Limited level explanation of the influence of physical, biological, social, historical and economic factors on sustainable agricultural production</p> <ul style="list-style-type: none"> - Limited explanation, unrelated or inappropriate to agricultural legislation. - Irrelevant and lack of depth and understanding of topic. - No or limited examples of legislation and its impact on physical, biological, social and economic Agricultural production factors. - Demonstrate a limited or no understanding of all the directives required 	0-2	

H2.1. **Describes** the inputs, processes and interactions of plant production systems

Or

H2.2. **Describes** the inputs, processes and interactions of animal production systems

Description	Possible Mark	Actual Mark
<p>Outstanding descriptions of the inputs, processes and interactions of plant or animal production systems</p> <ul style="list-style-type: none"> - Excellent linkages between one agricultural legislation and farm inputs, processes and interactions in a plant or animal production system. - Supports descriptions with examples of legislation and the impacts it has on farm inputs and processes. - Demonstrate a clear and excellent understanding of all the directives required 	12-15	
<p>High level description of the inputs, processes and interactions of plant or animal production systems</p> <ul style="list-style-type: none"> - Good linkages between one agricultural legislation and farm inputs, processes and interactions in a plant or animal production system. - Supports description with good examples and some impacts of the legislation on the procurement and use of farm inputs and processes. - Demonstrate a clear and good understanding of all the directives required 	9-11	
<p>Sound level description of the inputs, processes and interactions of plant or animal production systems</p> <ul style="list-style-type: none"> - Satisfactory linkages between one agricultural legislation and farm inputs, processes and interactions in a plant or animal production system - Supports description with examples and limited understanding of the impacts of the legislation on the procurement and use of farm inputs and processes. - Demonstrate a good understanding of all the directives required 	6-8	
<p>Basic level description of the inputs, processes and interactions of plant or animal production systems</p>	3-5	

<ul style="list-style-type: none"> - Poor linkages between one agricultural legislation and farm inputs, processes and interactions in a plant or animal production system - Demonstrate a basic understanding of all the questions and directives required 		
<p>Limited level description of the inputs, processes and interactions of plant or animal production systems</p> <ul style="list-style-type: none"> - Limited or no attempt to link agricultural legislation to farm inputs, processes and interactions in a plant or animal production system - Demonstrate a limited or no understanding of all the directives required 	0-2	