

# PICTON HIGH SCHOOL

Creating Opportunities Achieving Success



## YEAR 12 Agriculture

### Plant and Animal Research Presentation

<b>Due Date</b> Monday 4 <sup>th</sup> December 2019	<b>Assessment Name:</b> Research Paper
<b>Mark:</b> x/30	<b>Weighting:</b> 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><b>Outstanding explanation</b> of the influence of physical, biological, social, historical and economic factors on sustainable agricultural production</p> <ul style="list-style-type: none"> <li>- Excellent choice and explanation of one agricultural legislation.</li> <li>- Excellent structure and links between the historical aspect of legislation and sustainable agricultural production.</li> <li>- Supports explanations with examples of legislation and the impacts it has on any two of physical, biological, social and economic factors on Agricultural production.</li> <li>- Demonstrate a clear and excellent understanding of all the directives required</li> </ul>	12-15	
<p><b>High level explanation</b> of the influence of physical, biological, social, historical and economic factors on sustainable agricultural production</p> <ul style="list-style-type: none"> <li>- Good explanation and highly suitable choice of one agricultural legislation.</li> <li>- Well-structured and sound links between the historical aspect of legislation and sustainable agricultural production.</li> <li>- Supports explanations with good examples and some impacts the legislation has on any one of physical, biological, social and economic factors on Agricultural production.</li> <li>- Demonstrate a clear and good understanding of all the directives required</li> </ul>	9-11	
<p><b>Sound level explanation</b> of the influence of physical, biological, social, historical and economic factors on sustainable agricultural production</p> <ul style="list-style-type: none"> <li>- Adequate explanation and choice of one agricultural legislation</li> <li>- Clear structure, reasonable links between the historical aspect of legislation and sustainable agricultural production.</li> <li>- 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.</li> <li>- Demonstrate a good understanding of all the directives required</li> </ul>	6-8	
<p><b>Basic level explanation</b> of the influence of physical, biological, social, historical and economic factors on sustainable agricultural production</p> <ul style="list-style-type: none"> <li>- Basic explanation and narrow choice of agricultural legislation topic</li> <li>- Poor structure, few links between the historical aspect of legislation and sustainable agricultural production.</li> </ul>	3-5	

<ul style="list-style-type: none"> <li>- Few examples of legislation and its impact on the physical, biological, social and economic Agricultural production factors.</li> <li>- Demonstrate a basic understanding of all the directives required</li> </ul>		
<p><b>Limited level explanation</b> of the influence of physical, biological, social, historical and economic factors on sustainable agricultural production</p> <ul style="list-style-type: none"> <li>- Limited explanation, unrelated or inappropriate to agricultural legislation.</li> <li>- Irrelevant and lack of depth and understanding of topic.</li> <li>- No or limited examples of legislation and its impact on physical, biological, social and economic Agricultural production factors.</li> <li>- Demonstrate a limited or no understanding of all the directives required</li> </ul>	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><b>Outstanding descriptions</b> of the inputs, processes and interactions of plant or animal production systems</p> <ul style="list-style-type: none"> <li>- Excellent linkages between one agricultural legislation and farm inputs, processes and interactions in a plant or animal production system.</li> <li>- Supports descriptions with examples of legislation and the impacts it has on farm inputs and processes.</li> <li>- Demonstrate a clear and excellent understanding of all the directives required</li> </ul>	12-15	
<p><b>High level description</b> of the inputs, processes and interactions of plant or animal production systems</p> <ul style="list-style-type: none"> <li>- Good linkages between one agricultural legislation and farm inputs, processes and interactions in a plant or animal production system.</li> <li>- Supports description with good examples and some impacts of the legislation on the procurement and use of farm inputs and processes.</li> <li>- Demonstrate a clear and good understanding of all the directives required</li> </ul>	9-11	
<p><b>Sound level description</b> of the inputs, processes and interactions of plant or animal production systems</p> <ul style="list-style-type: none"> <li>- Satisfactory linkages between one agricultural legislation and farm inputs, processes and interactions in a plant or animal production system</li> <li>- Supports description with examples and limited understanding of the impacts of the legislation on the procurement and use of farm inputs and processes.</li> <li>- Demonstrate a good understanding of all the directives required</li> </ul>	6-8	
<p><b>Basic level description</b> of the inputs, processes and interactions of plant or animal production systems</p>	3-5	

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