

Attempts to achieve food security: Intensive and Organic Farming



What message is this cartoon trying to portray?

How does it link to our lesson title and learning for the lesson?

Attempts to achieve food security: Intensive and Organic Farming

By the end of the lesson you will be able to.....

- Describe the similarities and differences between Intensive and Organic farming methods
- Categorise and explain the SEE advantages and disadvantages of crop farming
- Analyse the sustainability of food production completed this way



Write a summary to explain the differences between the two key terms.



INTENSIVE FARMING

Farming is becoming more intensive to try and increase the amount of food produced. It uses a lot of machinery and chemicals for crop production. It is often called factory farming when producing animals.

VS

ORGANIC FARMING

Bans the use of chemicals. To keep the soil fertile farmers rotate a wide variety of crops so the same crop is not always grown in the same field. Compost from dead plant matter and animal manure is used as fertiliser. Animals are raised in more natural conditions.



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RESOURCE RELIANCE

Intensive Crop Farming v Organic Farming

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TASK ONE: Use the information sheet to complete the tables below. You will need to write a detailed summary of the point in the table below.

Advantages and Disadvantages of **Intensive Crop Farming**

| Advantages | Disadvantages |
|------------|---------------|
| | |
| | |
| | |
| | |
| | |
| | |

Advantages and Disadvantages of **Organic Farming**

| Advantages | Disadvantages |
|------------|---------------|
| | |
| | |
| | |
| | |

TASK THREE: Draw a cartoon to show the difference between these two methods of farming.

TASK TWO: Colour code your tables to reflect;

| | | |
|--------|----------|---------------|
| Social | Economic | Environmental |
|--------|----------|---------------|

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Work your way through the tasks on the worksheet - make sure that this gets stuck in your books once you have completed it.



Choose your task: Extended writing practise

Assess the extent to which organic farming meets the needs of the three pillars of food security shown in the diagram below.



Intensive farming produces food more cheaply than organic farming. Does the need for food security outweigh the disadvantages of intensive farming? Explain your ideas.



VS



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RESOURCE RELIANCE

Explain how environmentally friendly sustainable one method of improving food production is.

.....

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.....

.....

[4 Marks]



Read your partners report and give them some clear feedback on how they could improve on their work.

Think about content, the structure of their work, SpAG

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