

Question 28 (10 marks)

- (a) Explain a strategy that farmers use to manage the sustainability of water resources for agricultural production. **3**

A strategy that farmers use to sustain water is the use of Irrigation. Farmers are able to store water and then apply to their crop and any stage when the water is most needed. Overhead Irrigation is the most effective way where ^{the} all the water can get to each plant

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Question 28 (continued)

- (b) For a soil degradation problem, explain farm management practices that have contributed to the problem and a procedure that can be used to alleviate the problem.

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Farms practices that have contributed to soil degradation are the increase in soil cultivation. The loss of top soil is a major impact from the constant soil cultivation. A innovation and procedure that that is used to minimise the problem is a direct drilling, this is where the seed is placed down into the soil without a huge impact of machines moving the soil, ~~the~~ wind breaks are used in some areas to decrease the affect and speed of the wind on soil, stubble is left in the soil after harvesting to help support the structure of the soil ~~where~~ from wind erosion.

End of Question 28