

Question 28 (10 marks)

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

Many farmers try to reduce the amount of pesticides and herbicides sprayed ~~in~~ in the vicinity of waterways such as ~~streams and~~ dams and rivers. In many cases these water supplies supplement those on the farm and having them affected with chemicals prevents further use.

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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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Soil salinity has become a main degradation problem on farms as it affects the ability to grow various pastures as they're not salt tolerant. Farm management practices that have contributed to the problem included excessive irrigation causing the water table to rise bringing with it the salt from below. The removal of deep rooted plants has also ~~contributed~~ contributed as they played a role in reducing the water table. To alleviate the problem salt tolerant varieties could be planted, deep rooted plants and trees to help lower the water table and less irrigation to help reduce the amount of water bringing the salt up.

End of Question 28