

**Question 23** (4 marks)

How might the implementation of Australian land capability classification affect the profitability and sustainability of agricultural systems? 4

Land Capability is the systematic arrangement of land into various categories according to its ability to support land use practices without degradation occurring. Utilising land capability classification into a farm benefits both the profitability and sustainability of agricultural systems. Land classification ensures that different sites of land are being used in the most effective way to ~~that~~ ensures profitability + sustainability.

Land capability classification is extremely beneficial to long term sustainability and profit, however in the short term there is little profit benefited, as the land has to be redesigned and altered to meet the classification production methods most suitable to an area, therefore it is temporarily not being used for production.

However in the long-term, it improves soil structure, decreases ~~erosion~~ erosion and other degradation, such as salinity.