

## **Farmers' Perceptions on Cattle Adaptation Strategies to Drought in Some Parts of Alice, Eastern Cape Province**

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### **Abstract**

Drought is a huge problem around the world and has an impact on various things such as loss of livestock and health. A questionnaire survey was conducted to cattle farmers of Alice in order to determine their perceptions on drought and their adaptation strategies to it. A sample of 100 cattle owners were selected around the study area. Descriptive statistics and chi-square test were used after analysis and results showed that there was a drought in 2019 that severely affected farmers of Alice with no government intervention and limited adaptation strategies. Their adaptation strategies were to supplement their cattle or move their cattle to areas that are less affected, putting their livestock at risk. There was a negative correlation between level of education and lack of information. The null hypothesis was rejected because according to farmer's perception, drought has an effect on cattle adaptation strategies. This study recommends that in order for farmers to have more options for coping strategies in the future, policymakers should work to improve and implement those coping strategies that farmers deem necessary.