Forage Introduction to Support Development of Cattle in Sangkub District

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Abstract— Farmers in Sangkub District develop cattle as a source of income, so the government seeks to give serious attention to its development. The problem is there are constrains in its development, one of them related to feed. This research has been conducted with the aim to know how far the availability of feed for cattle. The research method used is survey method, with the respondents amounted to 15 farmers determined by purposive sampling ie farmers belonging to the group, the development of science and technology for the region. Data analysis used is descriptive analysis. The results showed the ownership of cattle by each farmer ranged from 2-6 tail with a total of 43 tails. The results showed ownership by each farmers ranged from 2-6 cattle to a total of 43 cattle. Cattle have the potential to be developed in terms of available resources. However, the food consumed is the grass that grows wild and corn waste. This is due to high quality forage, not yet available continuously. Knowledge of farmers about quality feed is still low, so the introduction of feed has been done by the team. Based on results of research can be concluded that the introduction of cattle feed has been done and responded well by farmers. Suggestions submitted, need to socialize about the development of forage with business orientation and environmentally friendly.

Keywords— Cattle, introduction, forage.

I. INTRODUCTION

The government's attention to the agricultural sector is closely linked to the livestock sector. According Ikbal (2015), livestock development in this case is always associated with the reorientation of agricultural development policies. Related to the development of livestock, cattle is one of the commodities that support its development.
According Nurdiati et al (2012), development of local cattle is done by utilizing agricultural waste. However, high quality forage is needed to increase productivity of cattle. According to Dianita et al (2014), sustainable forage production is an important factor in cattle production systems. Constraints that are often encountered in cattle farming is low productivity of cattle due to quality of feed that is not in accordance with nutritional needs of livestock (Lamid et al 2014). Based on results of the research, introduction of forage through the planting of dwarf grass under coconut tree (Figure 1).

![Fig.1. Grasses Developed Under Coconut Trees in Sangkub District](image)

The introduction of forage referred to as integrated cattle development. These developments according to Walia and Kaur (2013), Suroyo et al (2013), Baba et al (2014), and Wahyuni (2015), are known as integration systems of cattle-crop. Munandar et al (2015) stated that the farming system integration is an alternative to climate change mitigation.

IV. CONCLUSIONS AND SUGGESTIONS

Based on results of the research can be concluded that the introduction of cattle feed has been done and responded well by farmers. Suggestions submitted, need to socialize about the development of forage with business orientation and environmentally friendly.

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