

Annisa Yulianda_Factors and Strategies for The Development of Buffalo Production in Aceh Barat Distric

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Factors and Strategies for The Development of Buffalo Production in Aceh Barat District

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ABSTRACT

This study analyzes what factors affect buffalo production in Aceh Barat District. Analyze what factors are more dominant in influencing buffalo production in Aceh Barat District. Determining the strategy for buffalo development in Aceh Barat District This research was conducted in Aceh Barat District from April to August 2023 with a sample of 90 sebayak farmers spread across three districts in Aceh Barat. The data analysis used was to use liner regression coobdouglas analysis to see the factors affecting The results of multiple regression analysis can be seen that the factors of seeds, labor, cage area, total feed have a real effect on buffalo livestock production in Aceh Barat.

KEYWORDS

Aceh Barat; Production; Buffalo; Regression;

According to the Ministry of Agriculture, Directorate General of Livestock and Animal Health, the need for beef and buffalo until 2020 is estimated at 302,300 tons. The availability of beef and buffalo in 2020 is based on domestic production of 165,478 tons. Based on the results of the 2019 Basic Commodities Consumption Survey, beef and buffalo consumption in 2019 reached around 782.40 thousand tons, or around 2.93 kilograms per capita per year. When compared with the results of the study of staple ingredients in 2017, beef consumption has increased by 11 percent within 2 years. And an increase in per capita consumption of 0.23 kg per capita per year. The need/consumption of beef and buffalo is mostly carried out in hotels, restaurants and catering, which is around 74.97 percent of the total need or consumption of beef and buffalo in Indonesia. While the need for beef and buffalo cooked in households is only around 17.58 percent

Meat needs cannot be enough with the growth of the population in Indonesia which is 1.3 percent per year. One of the meat providers to meet the needs of the Indonesian population is from farmers who have livestock businesses in various regions in Indonesia. In this case, the livestock sector, especially in the slaughter livestock business, looks very potential to be developed by farmers so that Indonesia no longer relies on meat imports from abroad. In Indonesia, buffalo meat consumption is not as large as beef consumption even though both physical appearance of meat is almost similar, the weight of buffalo carcass is also potentially high enough to be able to meet meat needs in Indonesia. Weighted in terms of nutritional content, buffalo meat has lower calories and fat content than beef

Aceh Barat livestock is dominated by buffalo populations, this is of course different from other regions in Aceh Province which generally raise cattle. The population of these buffalo cattle in 2021 fluctuated from year to year to the year that is 21,517 heads or by 15 percent decreased. The number of buffalo in 2021 was the lowest for the past three years. The

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