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Effect of nutrition on carcass quality and fattening performance

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Abstract

In the beef cattle breeding, carcass quality is a very important place in the terms of consumer. Carcass quality is under the effect of the nutrition. The feeding based on forage can decrease carcass quality. This situation is explained that carcass has high pH value. Carcass darkness appearances sometimes in the herds feeding based on concentrate. This problem could be explained that subclinical rumen acidosis. Applied nutrition programs and feeding methods are another subject affecting the productivity. These programs and methods have advantages or disadvantages according to each other. Nutrition programs are examined as continue intensive nutrition and nutrition with different forage-concentrate ratio. The continued intensive nutrition means that the fattening is conducted thoroughly as based on concentrate. As result of some experiments, it was reported that there was no difference for live weight gain between the programs. The feeding program with different forage-concentrate ratio is preferred due to feedlot economy. Feeding methods go into division as limited feeding and ad libitum feeding. Limited feeding is based on given limited ration to animals. Ad libitum feeding can provide higher live weight gain than the limited feeding.

Keywords: fattening performance, carcass quality, feeding systems