Impact of early weaning on rumen development and fermentation profiles in artificially-reared lambs

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Introduction

- ❖ Dairy sheep is an emerging industry in New Zealand.
- Early weaning apply to artificially-reared lambs is attractive to reduce costs.
 - > After weaning:
 - Reductions in growth rates
 - Increased mortality





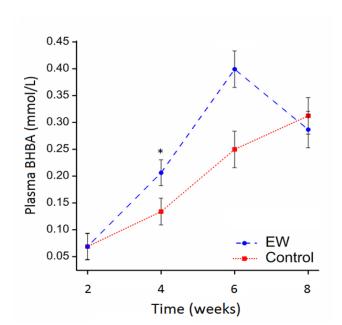
Objective

 To investigate the impact of early weaning of artificiallyreared lambs on rumen development and fermentation profiles.

Results

- > Similar proportions of rumen SCFA.
- > Few differences in rumen morphology

> Rumen function



Conclusion

➤ This study illustrates that early weaning, using a step down weaning process, initiates early functional rumen development and does not limit post-natal growth rates or live weights at 16 weeks of age in artificially-reared lambs.

➤ Poster section: 38.13





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