Influence of exogenous enzyme on nutrient digestibility, blood parameters as well as milk production and composition in dairy buffaloes.

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1.Objectives

To investigate effect of mixture of exogenous enzymes (ZADO®) from anaerobic bacteria on performance of dairy buffaloes.

2. Introduction

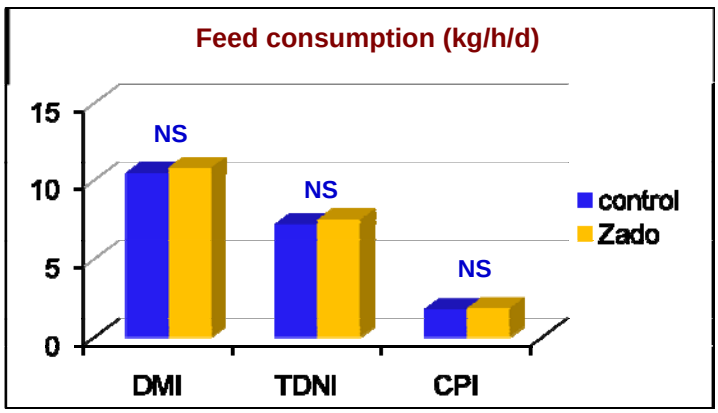
Supplementing diets of dairy animal with fiber degrading enzymes can enhance nutrients digestibility, improve feed utilization and milk production.

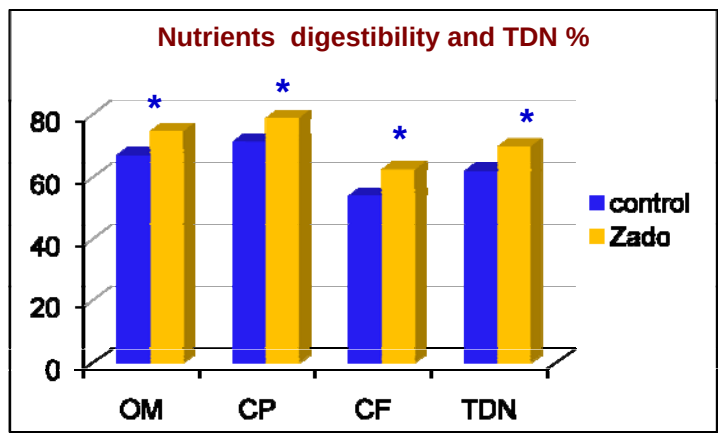
3. Materials and methods

•Fourteen lactating Egyptian buffaloes were randomly assigned into two experimental groups

•The animals were fed ration containing 75.5 % berseem, 6% rice straw and 18.5 concentrate feed mixture without or with 40 g exogenous enzymes (ZADO®) /h/d for 12 weeks.

4. Results





5. Conclusion

Using exogenous enzyme as feed additives

- **Improves digestibility.**
- **Increase milk yield.**
- **Increase fat and protein content.**
- **Improves feed conversion.**
- **Results in more profit.**