

Accepted Manuscript

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PII: S0921-4488(18)30081-6
DOI: <https://doi.org/10.1016/j.smallrumres.2018.02.011>
Reference: RUMIN 5642

To appear in: *Small Ruminant Research*

Received date: 28-10-2017
Revised date: 14-2-2018
Accepted date: 18-2-2018

Please cite this article as: Kholif, A.E., Kassab, A.Y., Azzaz, H.H., Matloup, O.H., Hamdon, H.A., Olafadehan, O.A., Morsy, T.A., Essential oils blend with a newly developed enzyme cocktail works synergistically to enhance feed utilization and milk production of Farafra ewes in the subtropics. *Small Ruminant Research* <https://doi.org/10.1016/j.smallrumres.2018.02.011>

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Essential oils blend with a newly developed enzyme cocktail works synergistically to enhance feed utilization and milk production of Farafra ewes in the subtropics

Short title: *Exogenous enzymes and essential oils for lactating ewes*

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Highlights

- Capsicum/thymus essential oils blend and exogenous fibrolytic enzymes were tested.
- Diets were supplemented with either 2 mL essential oils or 4 g enzymes cocktail.
- Supplements increased fiber digestibility and ruminal short chain fatty acids.
- Supplements increased milk production, fat content and milk (feed) efficiency.
- Supplements enhanced milk nutritive value.
- Synergism was observed between exogenous enzymes and essential oils blend.

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