HUVEPHARMA®

Coxidin®

Coxidin® | Technical bulletin 25

Coxidin® reduces footpad dermatitis in broilers

Trial description

To evaluate the effect of Coxidin® and other coccidiostats on water/feed ratio, dry matter of faeces and footpad dermatitis in broilers.

Set-up

- Location: **Floorpen trial at Poulpharm (Belgium, 2014)**.
- No artificial coccidiosis challenge.
- Coccidiostats were provided in the feed from day 0 to day 42.

Treatment groups

4 treatments, 5 replicate pens with 21 birds (Ross 308)

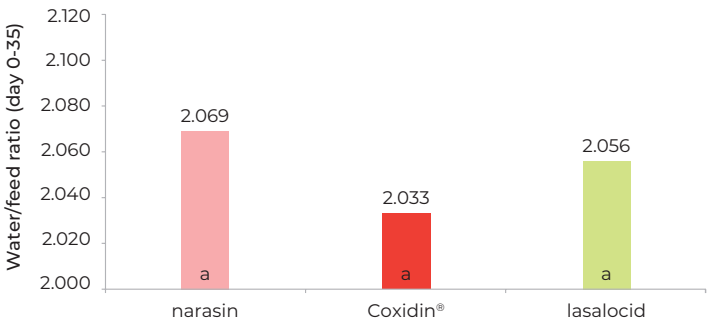
1. **Narasin (70 ppm)**
2. **Coxidin® (monensin, 100 ppm)**
3. **Lasalocid (125 ppm)**

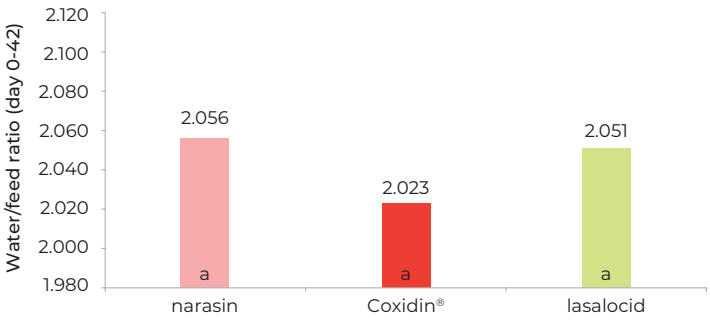
Measurements

- **Mortality, body weight, feed conversion rate (FCR).**
- **Water/feed ratio.**
- **Dry matter (DM) in faeces**. Birds were placed in plastic crates for 2 hours which allowed collection of droppings. DM was determined immediately after collection.
- **Footpad lesions** were scored using a scoring system from 0 to 4.

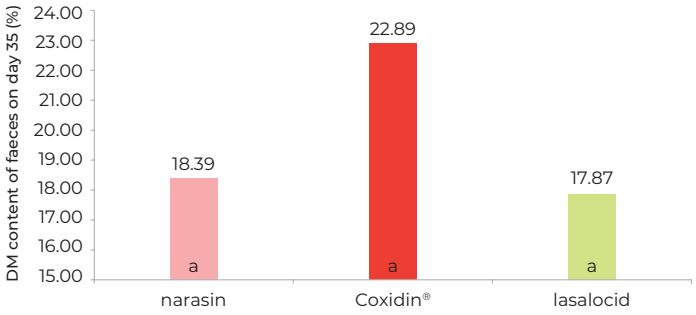
Results

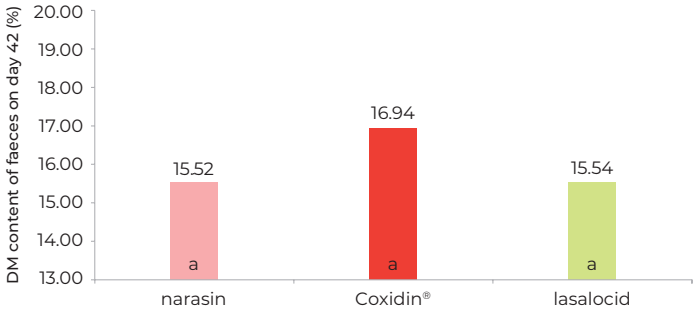
- Mortality was low in all groups and not coccidiosis related.
- Body weight and FCR showed no significant differences between the treated groups.
- **Water/feed ratio** shows twice the same numerical trend amongst the treated groups: Coxidin®<lasalocid<narasin.



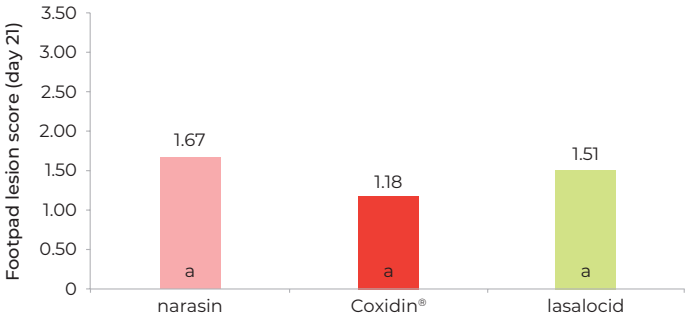


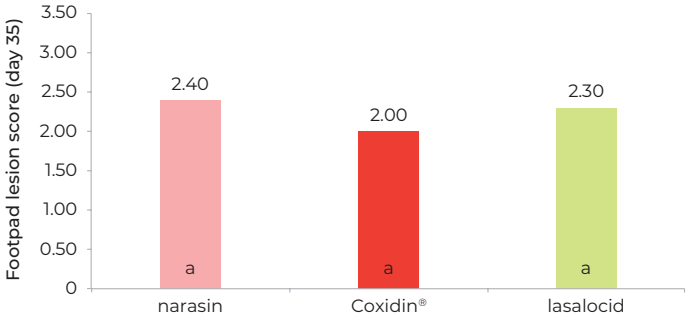
▸ **Dry matter content of the faeces** was, both on day 35 and on day 42, numerically higher for Coxidin® than for the other groups that received coccidiostats in the feed.

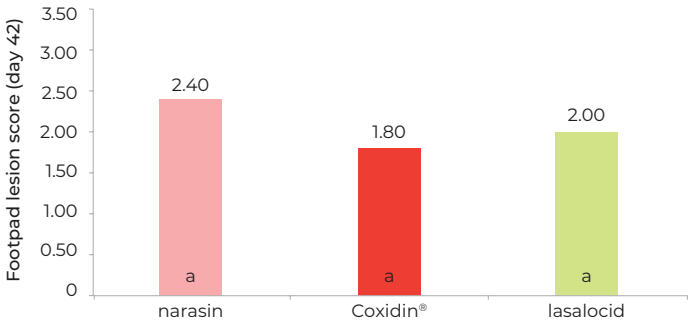




▸ **Footpad lesion scores** were lowest for the Coxidin® group at all three time points (day 21, day 35 and day 42).







Conclusion

▸ A clear and repeated trend shows for Coxidin®:
- lowest water/feed ratio.
- highest dry matter % in faeces.
- lowest footpad lesion scores.

▸ Coxidin® is an efficient coccidiostat for broilers, rearing pullets and turkeys that supports better litter management and improves footpad lesions on farm.

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