

Review of: "Effect of Bromide on Livestock Development: a Review"

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Potential competing interests: No potential competing interests to declare.

Review of "Effect of Bromide on Livestock Development"

Overall Impression

The manuscript titled "Effect of Bromide on Livestock Development" provides a comprehensive review of the impact of bromide (Br-) on thyroid hormone (TH) functionality and its implications for livestock production. The manuscript is well-structured, with detailed sections covering the sources of bromide, its biological role, and its toxicological effects. The use of various studies and data to support the discussion is commendable. However, there are areas where clarity and further elaboration are needed.

Detailed Feedback

1. Abstract:

The abstract is concise but could be improved by including specific findings or conclusions from the review. For example, mentioning the potential economic impact of bromide toxicity on livestock production would be beneficial.

2. Introduction:

The introduction provides a good background on bromide and its potential effects. However, it could be more focused. The section discussing the natural occurrence of bromide could be shortened to maintain the reader's attention.

3. Methods:

The methods section is clear but could benefit from more detail on the literature review process. For instance, specifying the inclusion and exclusion criteria for the studies reviewed would add transparency.

4. Discussion:

The discussion is thorough but somewhat repetitive in places. Condensing repetitive points and improving the logical flow would enhance readability. For example, the sections on bromide dynamics and its effects on thyroid function could be merged for better coherence.

5. Conclusion:

The conclusion effectively summarizes the key points but would be stronger with a brief mention of future research needs. Suggesting specific areas for further investigation, such as the impact of bromide on different livestock species, would add value.

6. Figures and Tables:

The manuscript would benefit from additional figures and tables to summarize key data. For example, a table comparing the effects of different bromide concentrations on livestock development would be helpful.

7. References:

The references are comprehensive and relevant. Ensuring that all references are correctly cited in the text and formatted according to the journal's guidelines is essential.

Summary

Overall, the manuscript provides a valuable review of the effects of bromide on livestock development. With some revisions to improve clarity, conciseness, and coherence, it has the potential to make a significant contribution to the field.

I hope these suggestions help enhance the quality of the manuscript.

Reviewer

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