

EFFECTS OF A MULTI-COMPONENT MYCOTOXIN DETOXIFIER ON THE ANTIOXIDANT STATUS AND THE PERFORMANCE OF SOWS

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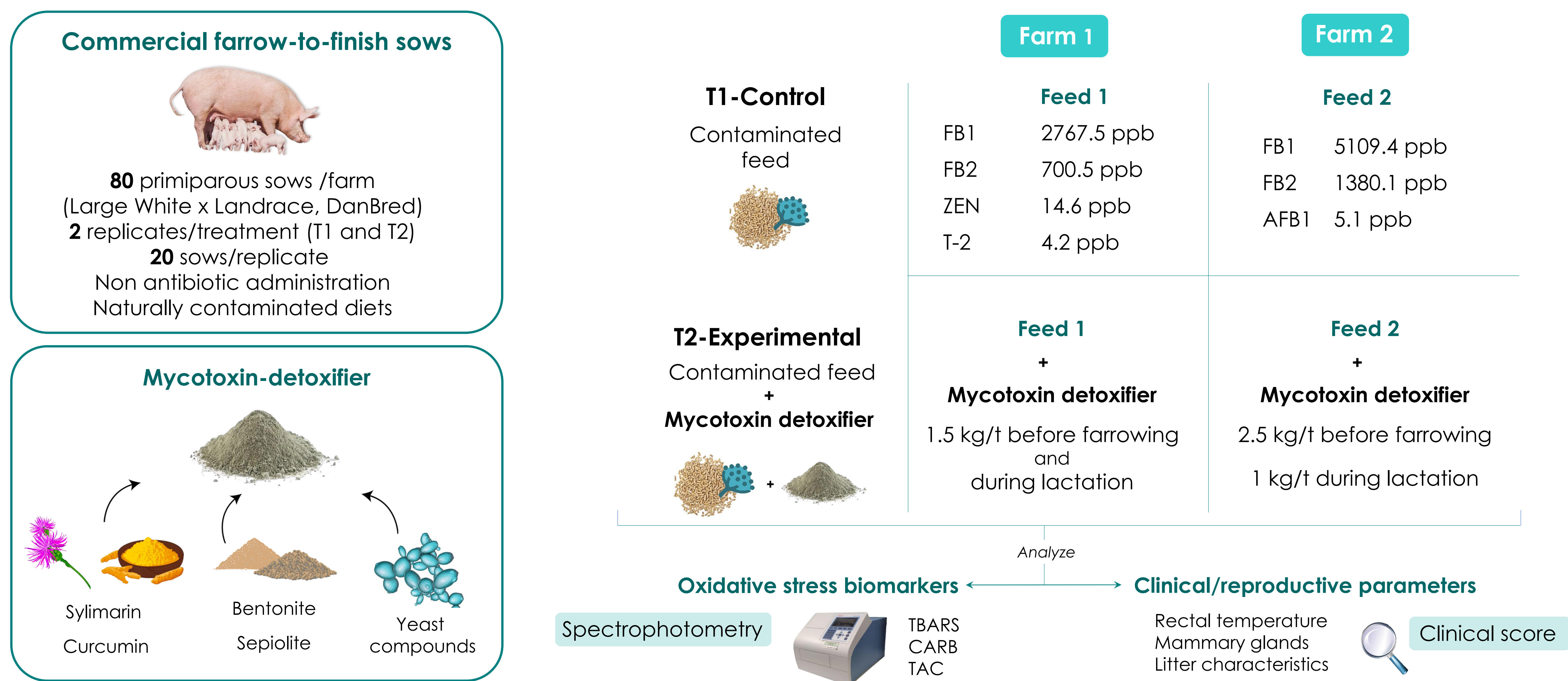
INTRODUCTION

Sows are highly susceptible to mycotoxins. The consumption of mycotoxin multi-contaminated diets can result in a variety of symptoms, mainly due to the **oxidative stress** induced. **Reproductive failures** and disruptions in the **piglets' development** can occur. Supplementing sows' diets with **mycotoxin-detoxifying agents** helps to **prevent** and **mitigate** mycotoxins toxicity through adsorbing the mycotoxins and reducing the oxidative stress, enhancing the health status and the reproductive performances.

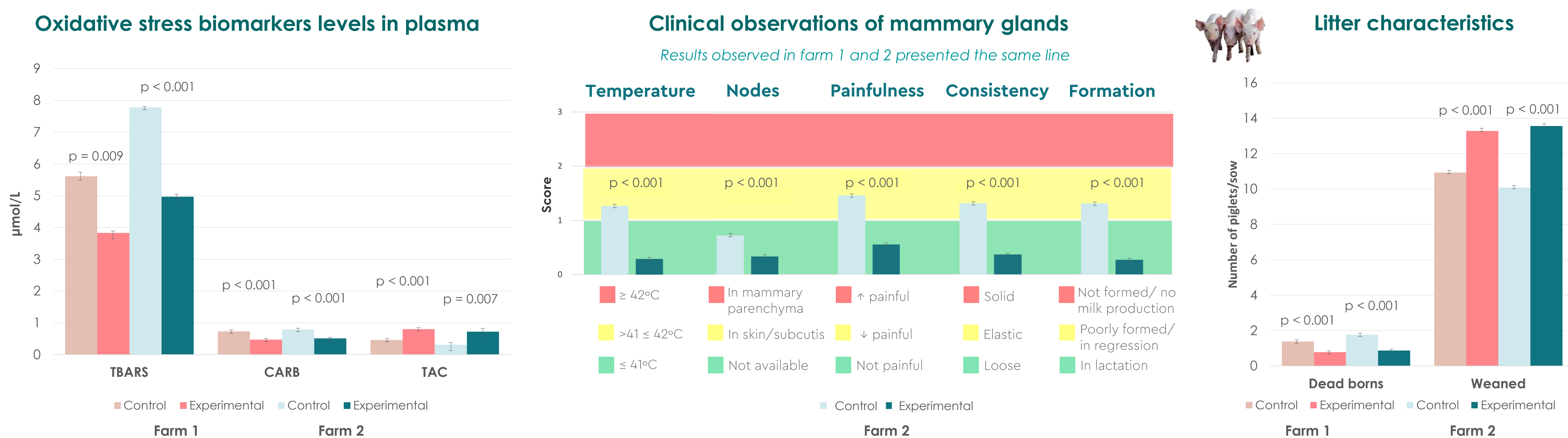
OBJECTIVE

The aim of this study was to evaluate the effects of an anti-mycotoxins agent on the antioxidant capacity, health and reproductive performance of gestating-lactating sows under mycotoxins challenge.

MATERIALS AND METHODS



RESULTS



CONCLUSIONS

The use of the multi-component mycotoxin-detoxifier in primiparous sows **promotes** their **reproductive performances** and improves their **antioxidant status** under mycotoxins multi-contamination challenge.