

# MartinBauer Animal Nutrition

## ADD VALUE WITH WILLOW BARK

### BOTANICAL FACTS



**WILLOW BARK**  
*Salix spp.*

<b>Target species</b>	All animals
<b>Target effect</b>	Support of overall well-fare
<b>Origin</b>	Europe
<b>Procurement</b>	Wild collection and cultivation
<b>Used parts</b>	Bark

### Prove of benefits

Willow bark, derived from various species of the *Salix* genus, has been utilized for centuries due to its medicinal properties, particularly its anti-inflammatory and analgesic effects. In recent years, there has been growing interest in exploring the potential benefits of willow bark as a dietary feed supplement for improving overall animal health and well-fare.

Several studies confirm the positive effect on health in livestock. Muklada et al. (2020) supplemented goats with willow and observed a decrease in somatic cells and neutrophils in their milk if supplemented. In a study in broiler conducted by Saracila et al. (2018) heat stressed birds were supplemented with willow bark extract. They observed that the extract lowered glycaemia and cholesterol in the blood and on the same time pathogenic bacteria such as *E. coli* and staphylococci in the caecum. In a review on the effect of willow bark supplementation on heat stressed broiler Saracila et al. (2021) summarized that its antioxidant capacity can alleviate heat stress symptoms. Furthermore, it improved gut microflora, body weight and feed intake. McWilliam et al. (2005) supplemented ewes with willow or poplar while grazing on low quality drought pasture. Willow reduced live weight loss and increased dry matter intake and the reproduction rate.

### Active ingredients

- Phenylpropane derivatives: salicyl alcohol derivatives (especially salicin (2%) & salicortin (1-11%))

### Associated benefits

- Antipyretic
- Antiphlogistic
- Analgesic
- Antiseptic
- Astringent

### FORMATS



Cut



Powder



Blend



Extract



Tincture



**FAMI**qs

## References

### WILLOW BARK

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**Let's talk about what our botanicals can do for your business.**

Martin Bauer GmbH & Co. KG  
Operating site Alveslohe  
Bahnhofstraße 2 | 25486 Alveslohe | Germany  
[animal.nutrition@martin-bauer.com](mailto:animal.nutrition@martin-bauer.com)  
[www.martin-bauer.com](http://www.martin-bauer.com)



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**Get in touch**

