

# V

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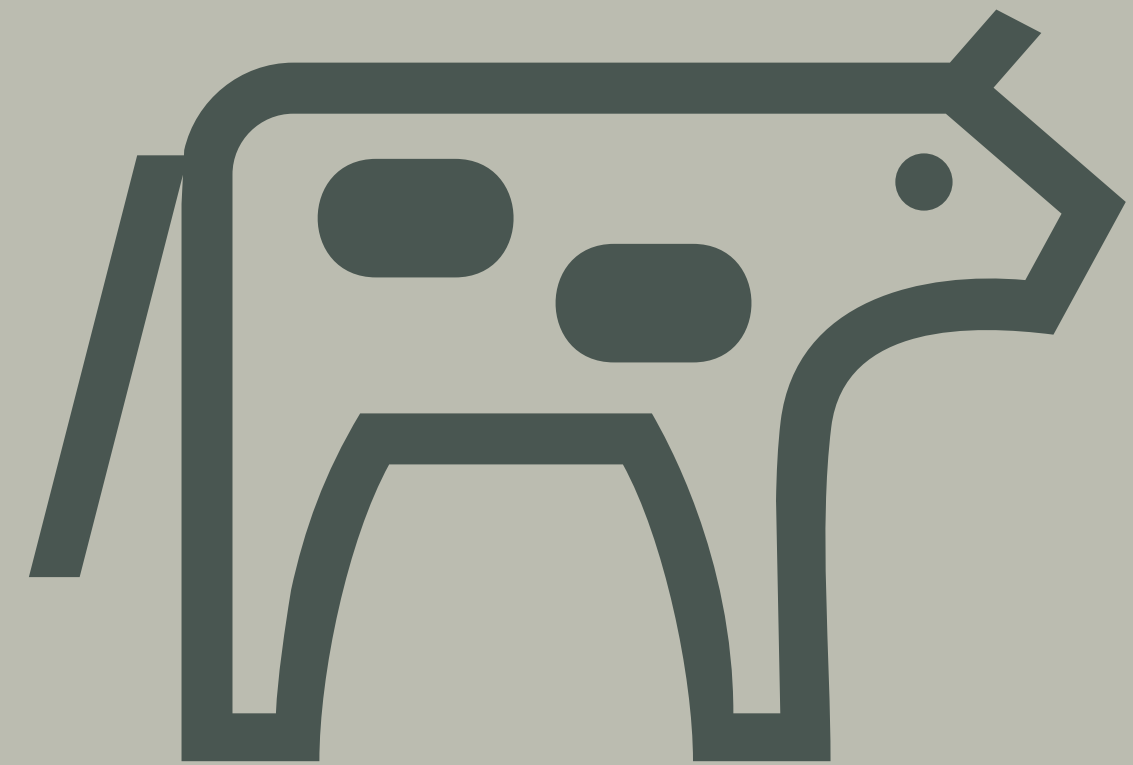
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# AviPlus®R

RUMINANT



vetagro.com

**VETAGRO**  
LIKE NO ONE ELSE



AviPlus®R is a unique combination of botanicals and organic acids, microencapsulated in a lipid matrix, to enhance of ruminants under stressful conditions.

## Plus



### Benefits

- Restored performance during stress (heat, weaning, transition) and leaky gut
- Improved economic efficiency during challenging phases
- Mitigation of intestinal inflammation



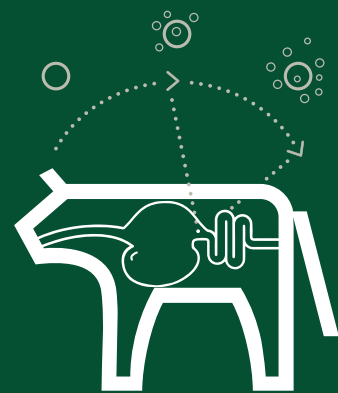
### Features

- Patented synergy between botanicals and organic acids microencapsulated together
- Scientifically proven mode of action
- Intestine-targeted solution

### Microencapsulation technology

- Proven rumen protection
- High intestinal bioavailability
- Stability during pelleting and mechanical stress

As botanicals and organic acids are degraded at ruminal level, AviPlus®R active ingredients are microencapsulated in a lipid matrix to be available at the intestinal level.



Proven efficacy by international patents and peer-reviewed publications.

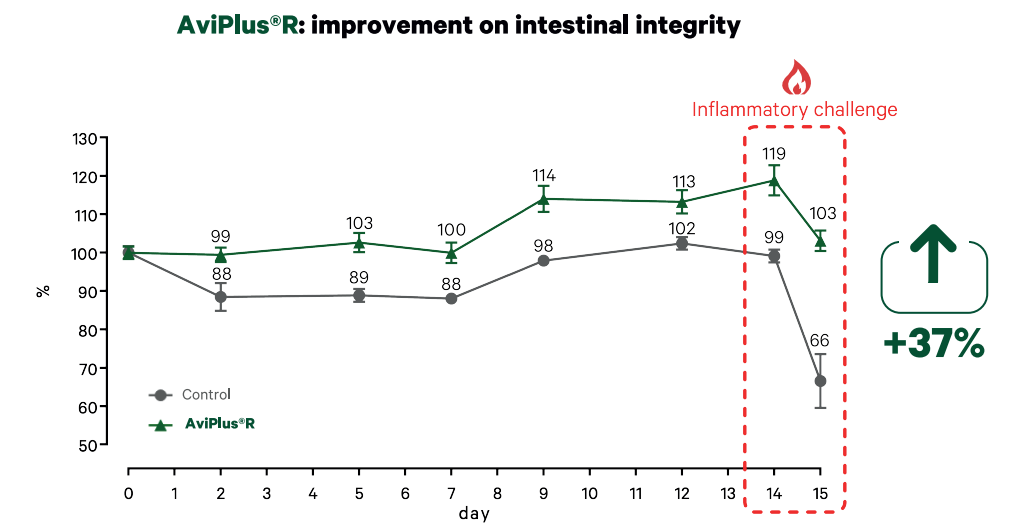


### > Background

**Protective effect on the intestinal barrier**

AviPlus®R in intestinal cells challenged with lipopolysaccharide (LPS) and cytokines

*(Toschi et al., Molecules, 2020)*



### > Improved performance during heat stress



Reduced Inflammation

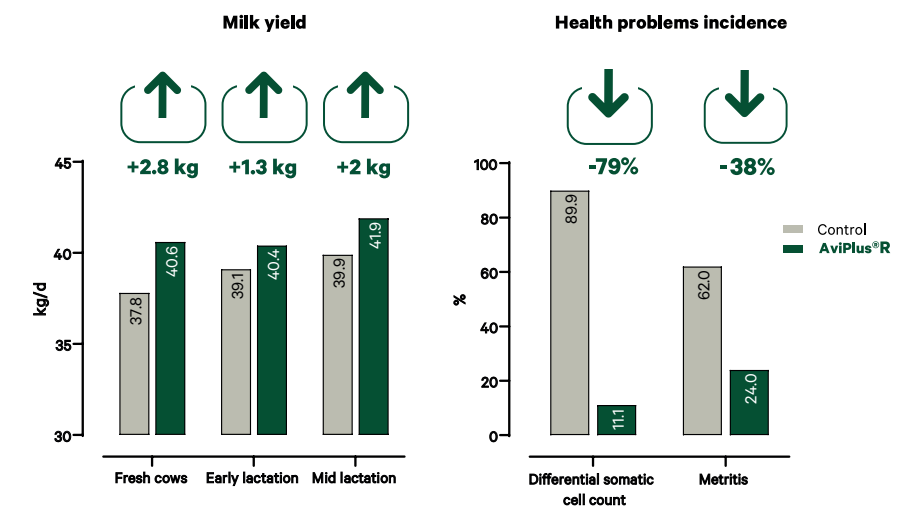


Gut Protection

**Increased milk production and better health status during heat stress**

AviPlus®R in Holstein cows during summer

*(Sáinz de la Maza-Escolà et al., EAAP Annual Meeting, 2022)*



**Restored milk production during heat stress**

AviPlus®R in Holstein cows exposed to heat stress conditions

*(Fontoura et al., JDS, 2022)*

### AviPlus®R: improvements during heat stress

