



Ardol® nutritional solutions for animals Handelsweg 7 - 6114 BR Susteren  
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## General product leaflet

### Company

Ardol, a young Netherlands based company in Susteren, was founded to valorise the results of intensive research on the Research Campus of DSM in Geleen, the Netherlands. Ardol develops natural, nutritional solutions for animal production. Research has provided Ardol with extensive expertise and insight in the effect of vegetable components on the physiology and metabolism of animals. Furthermore, Ardol developed advanced biotechnical techniques to produce these vegetable components. All these efforts resulted in the Lianol product range offering unique solutions for actual problems present in animal production. Lianol products contribute to healthier and more profitable animal production.

### Products

The negative influence of infections, inflammation and stress on the growth and production of animals is commonly known. Infections and the immune system interact in a complex manner. The combination of viral infections with in particular high bacterial infection pressure, results in a massive production of pro-inflammatory cytokines. This activation of the immune system negatively influences the metabolic balance, growth, production and fertility. Equally, other types of stress as well as negative energy balance interfere with the above-mentioned parameters. These factors can have a permanent negative influence on health, growth, production and fertility of the animals. Lianol products contain vegetable elements that minimize and/or compensate for the negative influences on the metabolism of the previously mentioned stress factors. Due to its mode of action, the efficacy of Lianol products is greater in conditions with high infection pressure, stress and negative energy balance.

### Advantages

- lower mortality
- optimized feed conversion
- more resistant and stronger animals
- less antibiotic treatments
- reduced number of runts
- better homogeneity in groups
- higher profit on entire production cycle
- improved fertility
- higher milk production per cycle

### Results

- **preventive:** by strengthening the metabolism and immune system
- **corrective:** by compensating the persisting negative influences of infection pressure, negative energy balance and stress.

General qualifications of the Lianol range apply to the relevant animals only. For more details kindly refer to the product specific leaflet.

**Ardol** your partner in nutritional solutions

