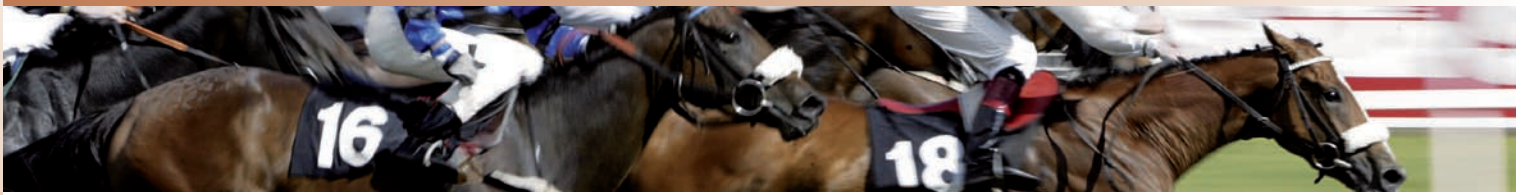




Levucell® SC

SUPPORTS AND MAINTAINS DIGESTIVE HEALTH



Levucell® SC, stimulates the growth and activity of beneficial bacteria, particularly the fibre fermenting (cellulolytic) bacteria making it ideal for use in horses.

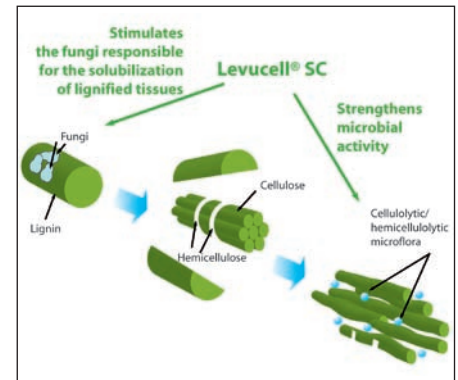
The natural yeast *Saccharomyces cerevisiae* strain SC I-1077 was selected by Lallemand in collaboration with INRA of Theix.

Levucell® SC, promotes condition and vitality

Healthy coat condition is often regarded as an indication of health and vitality.

Levucell® SC supports health on the inside, which supports health and vitality on the outside with improved top line and overall body condition. Regular users of Levucell® SC for their horses have noted improvement in overall coat condition even through the periods of seasonal moulting.

Levucell® SC has also been suggested to modify behaviour with the incidence of stereotypic behaviour such as wood chewing or wind sucking being reduced and horses anecdotally showing a calmer disposition and more concentration during training, which may be translated into improved performance.



Levucell® SC

- 1 improves feed utilisation
- 2 stabilizes the hindgut reducing the risk of acidosis
- 3 improves growth and development for foals

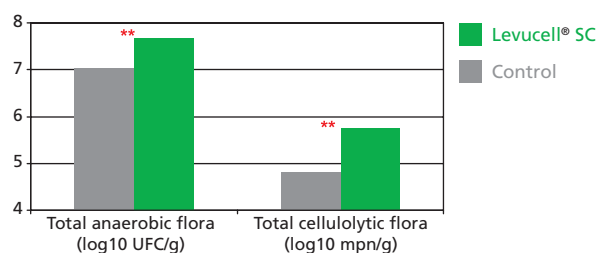
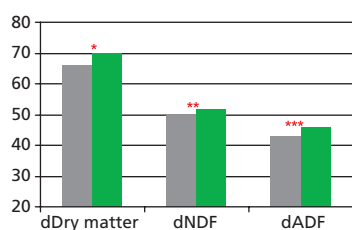


1 Levucell® SC improves feed utilisation

Levucell® SC helps to maintain a suitable environment in the hindgut to support a healthy balance of microflora and boost the level of friendly anaerobic bacteria present.

Levucell® SC stabilizes hindgut pH by competing for lactic acid producing bacteria's substrates. Levucell® SC provides some of the nutrients essential for the development of a healthy balance of microflora (amino acids, B vitamins, etc...).

As a result, the digestible fraction of fiber (hemicellulose and cellulose) becomes more accessible to the action of specific microorganisms. Levucell® SC improves the feed value of this digestible fraction by stimulating the growth and increasing the activity of the cellulolytic and hemicellulolytic microflora.



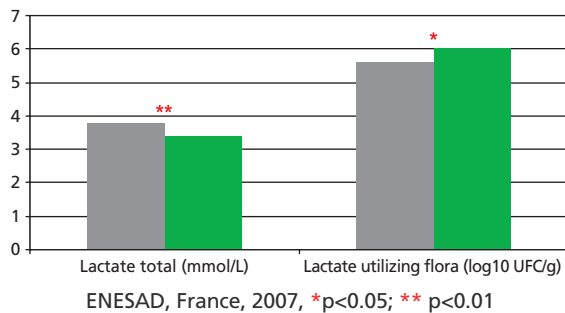
Moscow State University of Applied Biotechnology, 2007, *p<0.05; ** p<0.01; ***p<0.001



2 Levucell® SC stabilises the hindgut reducing the risk of acidosis

Accumulation of lactate and a parallel fall in pH in the hindgut is characteristically seen in horses fed high starch diets, especially where the level of forage is sub-optimal. This change can unbalance microflora and significantly increase the risk of colic and other digestive disorders.

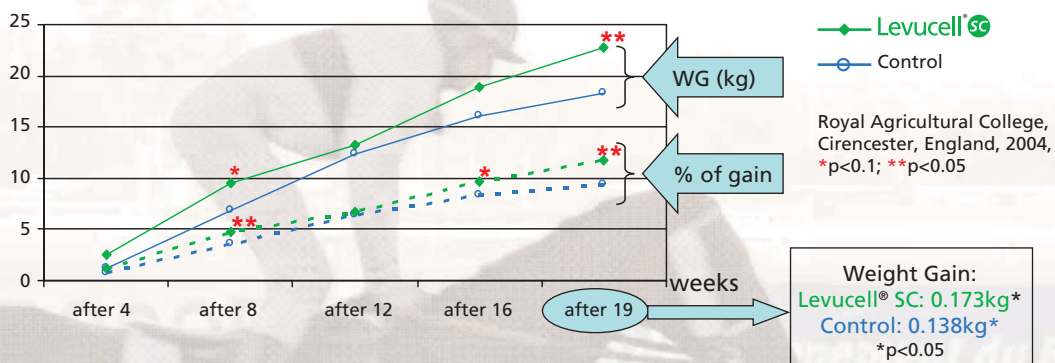
Levucell® SC supplementation significantly increases the number of lactate utilising bacteria and reduces total lactate in the hindgut. The stabilisation of the hingat is seen in the consistency of droppings in horses fed **Levucell® SC**.



3 Levucell® SC improves growth and development for foals

Foals have a high nutritional requirement and have a greater need for quality and digestible protein. **Levucell® SC** supports growth through increasing the fermentation of fibre and the absorption of key minerals calcium and phosphorus needed to build strong healthy bone.

Levucell® SC improved daily weight gain in yearling ponies (+23.4% on high content fiber diets).



Inclusion rate:

* 2x10¹⁰ (2g of Levucell® SC 10ME/day/horse).