



ADDCON PAB+

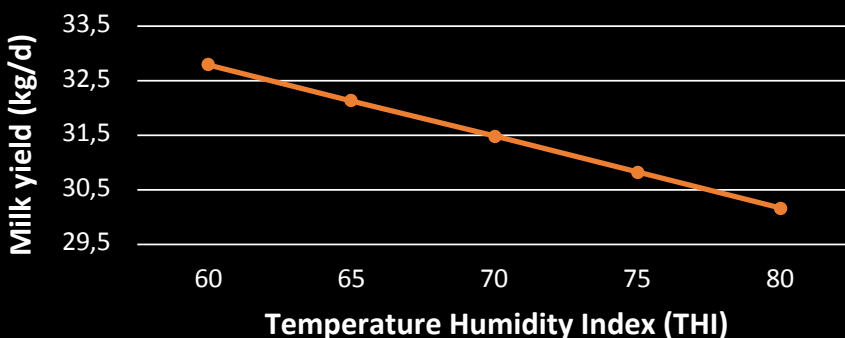
The nutritional factor to help alleviate heat stress in lactating dairy cows and maintain productivity

Effects of climate change and high environmental temperatures during summer months have a vast impact on modern dairy production, resulting in significant heat stress. High yielding dairy cows are especially susceptible to it due to their enhanced metabolic heat production.

Depending on the humidity, heat stress can already occur at temperatures below 25 °C (THI > 68) and lead to negative impairments, such as reduced feed intake, milk production, pregnancy rates and immune function.

Animal performance, health and economy can be achieved through the use from ADDCON PAB+.

ADDCON PAB+ helps to stabilize milk production.



Effect of Temperature Humidity Index (THI) on milk yield (Zimelman & Collier)

In addition to common cooling methods, such as ventilation and sprinkler systems, dairy farmers should also focus on nutritional factors.

ADDCON PAB+ SUPPLIES COWS WITH THE ESSENTIAL MINERAL POTASSIUM AND A BUFFER TO PROMOTE AN OPTIMAL RUMEN FUNCTION.

Potassium is the main intracellular cation in the body and is involved in nerve transmission, acid-base balance, muscle contraction and plays a key role in sustaining the osmotic potential in cells. Since potassium is the most abundant mineral in milk and a major constituent of sweat, cows excrete substantial quantities of the mineral, especially during heat stress. Consequently, it is crucial to compensate the loss of potassium by supplementing ADDCON PAB+ in order to maintain thermoregulatory mechanisms and other metabolic functions.



Without heat stress, of course

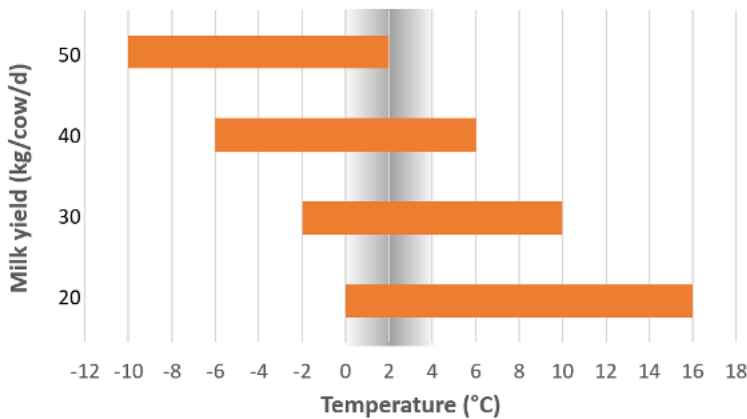
ADDCON PAB+

- Diminished heat stress
- Maintaining animal welfare and profitability on hot days
- Increased dietary cation-anion difference (DCAD)



ADDCON PAB+ ENSURES A PROFITABLE DAIRY PRODUCTION AND ANIMAL HEALTH UNDER STRESSFUL CONDITIONS DUE TO:

- Improved thermoregulation
- Lowered risk of metabolic and ruminal acidosis
- Maintenance of metabolic functions
- Increased feed intake
- Relief of the immune system



Optimal temperature range for dairy cows depending on the milk yield (Tober 2020)

Technical data

Composition:

Potassium carbonate
(Potassium > 52%)

Storage:

ADDCON PAB+ can be stored in sealed original bags for at least 48 months from production date. Store in a cool (frost-free) and dry place.

Packing:

Bags (25 kg net)

Dosage:

In early lactation, a total content of 1.3% to 1.5% potassium should be targeted in the TMR. Under heat stress conditions, the concentration should be increased to 1.7 – 2.0% in the TMR.



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