



LifeSpan AB Transition 1250

Recent published research has outlined the major benefits of meeting the nutritional requirements of the transition cow for Amino Acid ratio's, RP Lysine and RP Methionine, whilst now showing that **RP Choline** is an essential nutrient.

The need for RP Methionine during transition is well documented:-



- Alleviates inflammation & oxidative stress
- Improves liver function
- Increases Dry Matter Intake both pre & post calving
- Positive effect on animal health & milk solids

Possibly most importantly in the transition period, RP Methionine contributes to the synthesis of glutathione the “Master Antioxidant”

The benefits of enhancing the supply of both RP Methionine and **RP Choline** in the transition diet are better impacted when fed in the final four weeks of transition, influencing the next generation with regards to growth, immune status, liver maturation due to the utero effects and greatly improved colostrum quality allied to increased quantity.

What is now known and is more evident due to recent research papers published is that the transition cow requires **RP Choline**, as an essential nutrient both fed in the **transition diet** as well as in the **fresh diet** for the first **21 days**.

RP Choline during transition..

- Reduces lipid accumulation in the liver
- Donates to glutathione production through methylation
- Mammary Gland regeneration
- Stimulates Epithelium tissues
- Positively affects health post calving.
- Improves milk yield post calving.

LifeSpan AB Transition 1250, whilst balanced for RP.Lysine , RP.Methionine and RP.Choline, I am taking the opportunity of implementing the recommendations regarding the level of **RP Choline** to better meet the transition and fresh cows' nutrient requirements for a healthier cow, better performance , and a happier customer.

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