Optimizing pasteurized whole milk

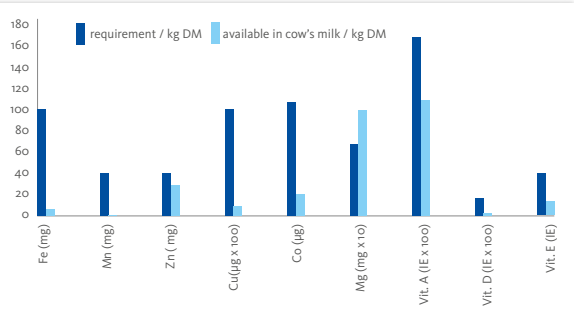
DENKAVIT
GROWING TOGETHER

FORMULATING THE BEST DIET FOR YOUR CALVES

WHAT IS MILK LACKING?

- Consistency
- Efficient protein to fat ratio
- Calorie density
- Coccidia prevention and fly control
- Availability of whole milk
- Adequate levels of vitamins and minerals (see figure 1)

FIGURE 1: THE NEEDS OF THE CALF



› The needs of the calf concerning vitamins, minerals and trace elements.

Dairy Technology, 2005; Enb et al., 2009; Handleiding mineralenvoorziening Rundvee, Schapen en Geiten (CVB), 2005; Lindmark-Månsson et al. 2003; NRC, 2001; Vessier et al., 2003; Vreugdenhil Dairy Foods, 2015; WUR report: behoefte en verbruik van micronutriënten in de diervoeding, 2013.

OPTIMIZING PASTEURIZED WHOLE MILK

BALANCE

- Optimize the ratio of protein to fat found in whole milk
- Feeding rate: .25-.4 lb/calf/day depending on current milk solids

EXTEND

- Use milk replacer to compliment whole milk, supplement milk volume and provide consistency
- Formulas available with our safety package including oregano, tributyrate and probiotics

FORTIFY

- Enhance vitamin and mineral levels

FIGURE 2: ENERGY CALCULATIONS

Increasing calories to the calf allows for more energy towards growth of a healthier and higher performing calf.

	WHOLE MILK	W/ BALANCER
Protein	25%	26%
Fat	31%	26%
Concentration	12.5%	15%
Volume per day	6 Qrt/d	6 Qrt/d
Energy Provided to calf	3.71 Mcal/d	4.26 Mcal/d

'Denkavit products are proven through extensive research at our Denkafarm Innovation Center.'

GROWING TOGETHER IS OUR MOTTO.

Around the world nutritionists, researchers, and producers have the same goal, to grow healthy and productive animals. With our knowledge and our unique products, we are supporting our partners to reach this goal. Continuously we are searching for new products and applications of raw materials and additives. With innovative ideas and concepts Denkavit thrives to be a reliable partner of farmers around the world ensuring we are growing together on a long term.

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Do you have any questions? Feel free to contact one of our specialists or visit our website!

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