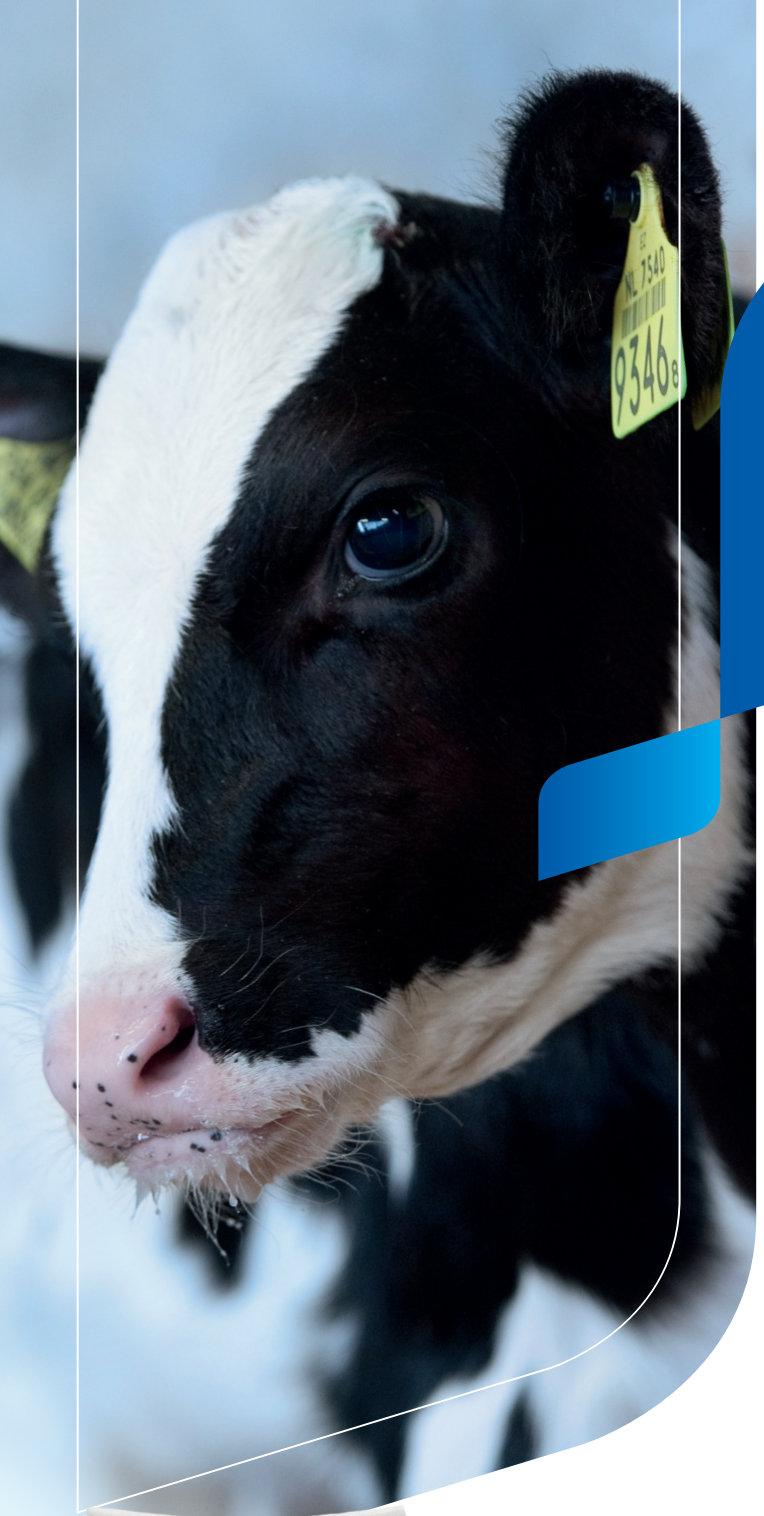

DENKAMILK
Maxistart

FOR SOUND AND EFFECTIVE REARING AND FATTENING

Milk replacers for young ruminants need to be formulated and manufactured with great care for multiple nutritional and practical demands, and with distinctive knowledge of quality and applicability of dairy raw material sources. The extensive experience of Denkavit, acquired from long term activities of the Denkavit veal calf integration, is a sound basis for development of milk replacers.
The level of experience and know-how with regard to digestibility of all raw materials, and the application of innovative combined production methods allow Denkavit to supply the appropriate milk replacer solution suited to any specific nutritional or technical demand.

SOUND BASIS

Denkavit milk replacer formulations are based upon ongoing research and performance trials, maintaining the highest quality standards for products finely tuned towards animal requirements. The state of the art research facilities and laboratory of Denkavit play a key role in our extensive quality control, and initiate continuous improvement of existing milk replacer products to fit rearing and fattening concepts for calves.

CHARACTERISTICS

With dairy raw material sources being the most prominent constituent of milk replacer, the selection of well processed, high-specified and constant composition dairy components is of extreme importance. Denkamilk Maxistart combines a constant and high palatibility with high growth and versatility Denkamilk Maxistart can be applied at increased concentrations to allow use in rearing of calves of local breeds.

- High growth and versatility
- High quality choice - distinctive quality dairy compontents
- Highly soluble
- Safe and reliable alternative
- Early intake of concentrates and roughage

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DENKAVIT
GROWING TOGETHER

FOR SOUND AND EFFECTIVE REARING AND FATTENING

MAXISTART

STANDARD INSTRUCTIONS FOR MIXING AND FEEDING

FEEDING SCHEDULE

AGE OF CALF	QUANTITY OF MILK (l) 125 l PER LITER	NUMBER OF FEEDINGS PER DAY
day 1 - 3	colostrum from the calf's own dam	
day 4 - 7	1,75 - 2,0	2
week 2	2,0 - 2,25	2
week 3	2,5	2
week 4 - 6	3,0	2
week 7	2,5	2
week 8	3,0	1
week 9 - 10	2,0	1

MIXING TABLE 125 g/l prepared milk

DESIRED QUANTITY OF MILK (l)	REQUIRED QUANTITY OF POWDER (g)	DESIRED QUANTITY OF MILK (l)	REQUIRED QUANTITY OF POWDER (kg)
2	250	12	1,50
3	375	14	1,75
4	500	16	2,00
5	625	18	2,25
6	750	20	2,50
7	875	22	2,75
8	1.000	24	3,00
9	1.125	26	3,25
10	1.250	28	3,50
11	1.375	30	3,75

QUALITY AND SAFETY

Denkamilk Maxistart has a constant, finely tuned raw material composition, containing only refined vegetable oils, based on finest emulsification and a correct balance of fatty acids. The intestinal safety of the calf is secured by mild acidification using citric acid, inclusion of essential oils and application of prebiotics and probiotics.

PROTEIN AND ENERGY

Denkamilk Maxistart contains a key selection of highly digestible dairy components, providing high levels of milk protein. Raw materials and protein/energy balance are defined towards high growth potential and efficient rumen development from early consumption of concentrates and roughage.

MICRO INGREDIENTS

Denkamilk Maxistart contains all essential vitamins, minerals and trace elements in the correct balance, and matched to the daily requirements of the calf. These micro ingredients safeguard your calves from deficiencies.

MIXING INSTRUCTIONS FOR 6 LITERS OF MILK

1. To prepare 6 liters of milk, use 4 liters (two-thirds) of water at a temperature of 45-55°C.
2. Add the required quantity of powder, i.e. 125-160 g for every liter of milk to be prepared.
   *) *For Jersey- and buffalo calves, a concentration of 160 g for every liter of milk to be prepared, is recommended.*
3. Mix with a whisk until the powder has dissolved.
   Mix for 3 minutes when using a CMR-mixer. Add water until the required quantity (6 liters) and temperature (41-42°C) have been attained.
   Mixing of CMR at water temperature above 65°C may damage protein and vitamin content and should be avoided.
   The recommended drinking temperature is 41-42°C.

*) *For detailed farm-specific support contact Denkavit or your Denkamilk distributor*

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