



Keeping dairy cows healthy during lactation - with **BEWI-FATRIX® CX**

Since the use of the combination product **BEWI-FATRIX® CX**, the metabolic situation of the high-performance cows on the Hinnemann farm has improved significantly. Previous indications of increased stress in individual animals, such as spontaneous drops in performance etc., no longer occurred after the use of **BEWI-FATRIX® CX**. All in all, the animals appeared more stable or increased their performance to the previous level.

Feeding and housing concept

The farm keeps 140 dairy cows with corresponding offspring. The dairy cows are housed in a partially newly built cubicle barn with a free-range yard. Three employees manage the farm. In addition, the farm has been utilising the independent advice of the Osnabrücker-Herdbuch-Gesellschaft (OHG) for several years.



The Hinnemann dairy farm attaches great importance to a high level of cow comfort. Therefore, overcrowding is no option for the farm managers.

In the free stall barn, the cows have access to deep stalls with a 1:1 feeding/lying area ratio. The installed ventilators and the calving area with straw also improve the cows' well-being.

In addition to the use of **BEWI-LACTO+® Amino LM**, the cows' ration is supplemented with **BEWI-FATRIX® CX** during periods of increased stress on the animals due to milk yield and external conditions (weather etc.). The product is a combination mixture of rumen-stable fat with rapeseed lecithin, bark powder (Salix spec.), vitamin E and vitamin C to support the metabolism.

FARM DATA HINNEMANN

Number of animals:	140 dairy cows
	2 milkings/day
Ø Milk yield:	14,700 kg per cow and year
	4 % fat and 3.45 % Protein
Ø First calving age:	22 months
Ø Resting time:	57 days
Ø Insemination index:	1.9
Ø Intercalving period:	385 days
Ø Lifetime performance	
at retirement:	20.4 litres and 41,000 kg milk
Ø Urea values:	180-200 mg/kg
Ø somatic cells:	180,000 cells/ml



Philipp Hinnemann is always on the lookout for the right adjustments to maximise the health and performance of his herd. To this end, he is in regular dialogue with management consultants and the BEWITAL agri team.

Feeding lactating cows

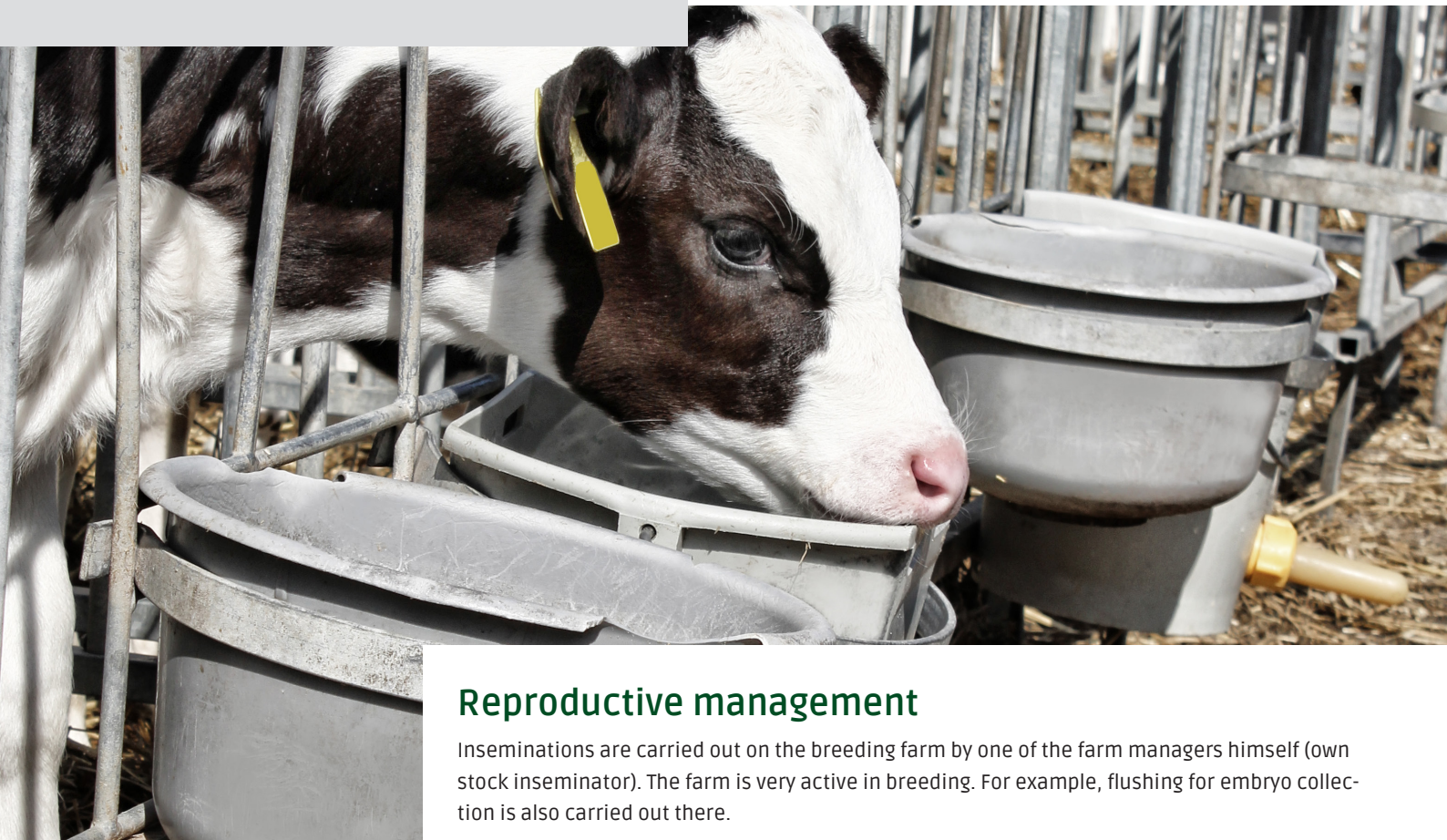
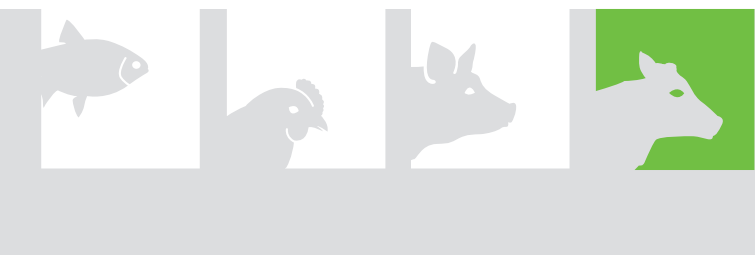
25 kg FM (9.25 kg DM)	Corn silage
11.6 kg FM (5.2 kg DM)	Grass silage
1.35 kg	Lucerne
5.5 kg FM	Protein feed
4.0 kg FM	Energy feed (cornmeal, cereals)
0.6 kg	Mineral, rumen-stable fat, yeasts

Feed intake is approx. 24 kg DM/cow/day

Feeding close-up (3 weeks a.p.)

17 kg FM (5.5 kg DM)	Corn silage
6 kg FM (2 kg DM)	Grass silage
2 kg FM	Protein feed
2.25 kg FM	Energy feed
0.6 kg	Mineral, rumen-stable fat, yeasts

Feed intake is approx. 12 kg DM/cow/day



The farm runs an intensive calf and young stock rearing programme. In some cases, a first calving age of just 21 months is achieved.

Reproductive management

Inseminations are carried out on the breeding farm by one of the farm managers himself (own stock inseminator). The farm is very active in breeding. For example, flushing for embryo collection is also carried out there.

As problems with clinical endometritis and metabolic problems have occurred occasionally in the past, the farm managers were looking for a product that would support the animals during lactation, particularly in terms of metabolism.

Results

The use of rumen-stable fat with rapeseed lecithin, combined with additional components such as bark powder (*Salix spec.*), vitamin E and vitamin C, has had a positive impact on the health and fertility of the dairy cows on the farm. Vitamins E and C have antioxidant properties and provide metabolic support, particularly under challenging metabolic conditions.

Since its introduction, metabolic disorders have been reduced, leading to improved stability and the restoration of the cows' previous performance levels. These results clearly demonstrate the benefits of **BEWI-FATRIX® CX**.



Conclusion of the farm manager:

'We are very satisfied with the use of the product and have been able to improve important parameters in terms of animal health and fertility.'