

NutriFiber

The Highly Digestible Fiber for Dairy Rations

NutriFiber technology was developed by Barenbrug for today's modern dairy farmer. This trait has been incorporated into forage grasses developed for on-farm production. NutriFiber provides the highly digestible effective fiber today's cows need. NutriFiber forages are ideal components for balancing the rations of high producing dairy cows. Typically Total Mixed Ration diets that are designed for maximum milk production are high in Non Fiber Carbohydrates (starches and sugars) which can lead to Sub-Acute Rumen Acidosis.

The NutriFiber Advantage:

- Promote rumen health
- Reduce acidosis
- Increase butterfat
- Proven in University research trials
- Supports high milk production



Nearly 10 years of research have gone into the development of NutriFiber technology. NutriFiber has been tested and proven in university research trials and on progressive dairy farms around the world.

All fiber is NOT created equal! Unlike many fiber sources, NutriFiber is highly digestible. The Total Tract Neutral Detergent Fiber Digestibility (TTNDFd) index developed at the University of Wisconsin permits comparisons of fiber analyses from different forages. The TTNDFd provides better predictions of milk production from fiber analysis and shows that NutriFiber forages supply higher energy due to their high fiber digestibility.



Your Cows Need NutriFiber

A properly balanced ration for dairy cattle must contain sufficient Neutral Detergent Fiber (NDF) to support proper rumen function and animal health. High-production dairy rations often have difficulty meeting this requirement, so feedstuffs like wheat straw are frequently included. Some of these feedstuffs (like corn gluten feed and beet pulp) are also high in Non Fiber Carbohydrates (NFC). Their use makes it difficult to formulate rations with safe levels of NFC. Feedstuffs like wheat straw are low in NFC, but they're also very low in digestibility. NutriFiber forages supply digestible fiber with low NFC, maintaining your cows' health, while at the same time providing the nutrition they need to meet your production goals.

Comparison of Feedstuffs

Feedstuff	NDF	NDFD	NFC
Wheat straw	73	32	12
Corn gluten feed	35	82	31
Beet pulp	46	84	36
NutriFiber forages	40-50	60-70	18-25

How to add NutriFiber to your Dairy Rations:

- Grow these NutriFiber forages:
 - Green Spirit for cropping rotations and thinning alfalfa stands
 - Modern fescues (STF-43 & Milkway)
 - Well-balanced alfalfa-grass mixture (E2)
- Harvest as haylage or hay and feed as part of the TMR