Nutriferm

AB MAURI

Nutriferm ADY

Nutriferm ADY is a product of Active Dried Yeast made of specific strains of yeast culture from *Saccharomyces cerevisiae.*

Introduction

Nutriferm ADY is made by carefully selecting strains of *Saccharomyces cerevisiae* to ensure maximum effect in diets for livestock. Utmost, care in the drying process preserves the activity level and nutritional value of the yeast, resulting in superior quality products.

Improved efficiency of production:

In cattle - Stimulates beneficial gut bacteria and stabilizes the rumen
- Improves production parameters (ADG, FI, FCR, milk production)

In poultry - Improves the efficiency of broiler production

In swine - Improves piglet survival and growth rate when fed to the sow

In aqua - Proven health and performance benefits

Trials have demonstrated Nutriferm ADY is naturally heat tolerant ensuring retained benefit in manufactured feed.

Technical Information (typical values)

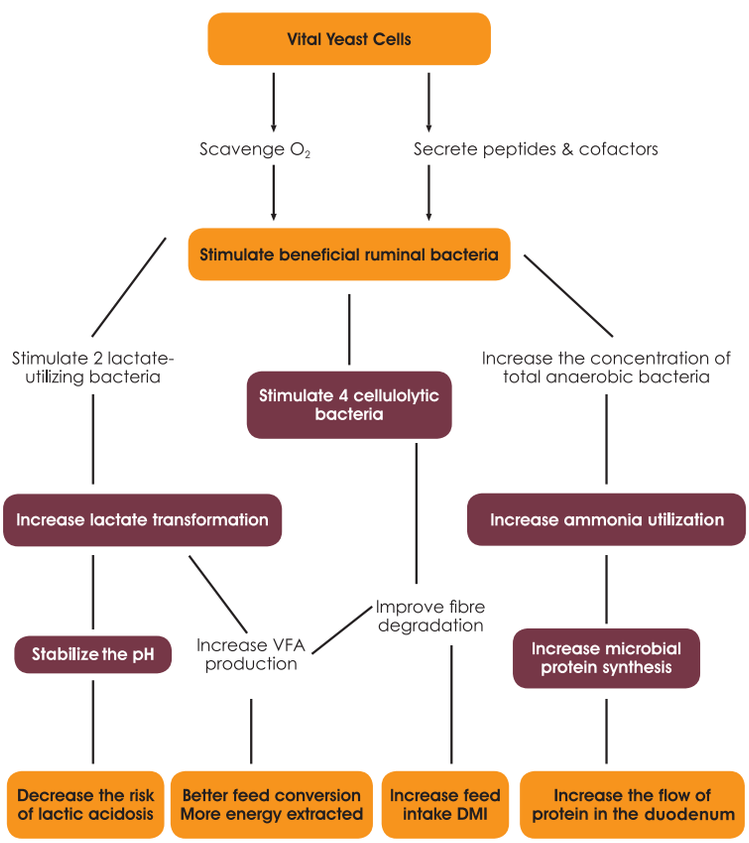
Dry Matter(%)	92-96
Protein(%)	40.5-43.5
phosphorus as P_2O_5	1.8-2.2
Ash Content	4.5 Max
Thiamine HCl(B)(mg/g)	0.035 Min
Riboflavin(B_2)(mg/g)	0.010 Min
Nicotinic Acid(mg/g)	0.54 Min
pH(5%)Solution	5.5-6.0

General Product Information

Product available at 2 levels of viable cell counts:
Standard: 10 Billion cfu/gram
High: 16 Billion cfu/gram
Application: Active yeast culture preparation for use as a feed supplement in livestock, poultry and aqua species
Presentation: 500 gm x 20 vacuum packs & 20 Kg Poly kraft paper bags
Shelf life: 12 months from date of manufacturing under recommended storage conditions
Storage: store in air tight containers / bags in cool dry place
Ingredients: *Saccharomyces cerevisiae*, emulsifier

Mode of Action in Gut of Animals

Nutriferm ADY improves gut health and function through various mechanisms:



Benefits of ADY in Ruminants

- Improves feed efficiency
- Stabilises rumen pH
- Improves fiber digestibility
- Helps maximize dry matter intake
- Increases milk yield
- Improves weight gain and body condition

Average Effects of Yeast in Dairy Cows

	Number of expts	Control	+ ADY
Milk Yield (kg/d)	39	32.2	33.5
Body weight change (kg)	34	-0.1	0.1
N digestibility (%)	6	67.4	69.6
ADF digestibility (%)	6	46.6	49.4

From Savant et al, 2004

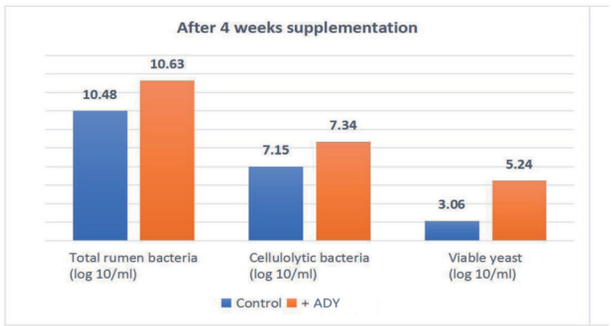
From 39 scientific trials, average daily milk yield was increased by 1.3 kg/cow/day.

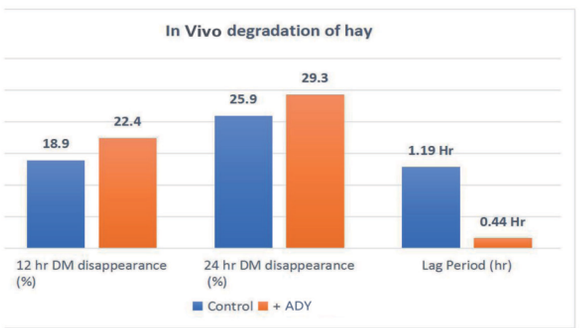
Effects of ADY on milk production in field trials

Herd comparisons with and without ADY - milk yield improvement

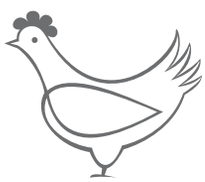
		Range	Average
Group 1	1042 cows in 13 trials	3-18%	7.70%
Group 2	7974 cows in 9 trials	2-16%	5.80%

Effect of Live Yeast in Ruminants





Kumar et al, 1997 (*P,0.05, **P<0.01)



Tilapia Trial - ADY (Rad, et al., 2012)

Benefit of offering 2 KG/ton ADY in finish feed include,

Weight gain improvement	14.5%
FCR improvement	22.4%
Protein efficiency ratio	30.0%
Condition factor benefit	21.8%
Body weight gain	14.0%

- **Increases body weight gain and growth rate**
- **Enhances feed conversion efficiency**
- **Enhances the survivability by suppressing the growth of pathogens**

Effect of Yeast in Broiler Chick Production

Extensive trials demonstrate the performance benefits from ADY.

Recommended inclusion rate (kg per ton of feed)

	ADY - Standard	ADY - High	Target Benefits	
Cattle	0.700	0.500	· Dairy cows + 1-2kg milk/d	· Growing cattle + 5-7% in DLWG
Poultry	0.300	0.200	· Better feed convention ratio	· Improve carcass characteristics
Aqua	0.400	0.300	· Better FCR and survival rate	· Better protein efficiency ratio

Customer Care No. - 1800 200 8020 / 080 6191 7998 **Mail Id** - info.india@abmauri.com/ care.india@abmauri.com