

# EXTREME BOOST™



Bio-Nutrition International

## Profile

Derived from pure palm oil, EXTREME-BOOST is 99.5% fatty acids. EXTREME-BOOST is free of trans fatty acids (TFA). The fatty acid profile of EXTREME-BOOST makes it ideal for bypassing the rumen safely, and boosting ration energy density, or dietary fiber level, without sacrificing energy intake. EXTREME-BOOST is highly palatable and digestible.

## Why EXTREME BOOST

At certain stages of production and reproduction cycles, cows are bound to fall into a negative energy balance. If not dealt with properly, the negative energy balance can irreversibly hurt both milk yield, and animal health. For high producers, regular ingredients may not be enough to fulfill their high energy requirements for daily production. It is vital to supplement their diets with EXTREME-BOOST to avoid energy deficiency and maintain high performance.

## Benefits

- Helps cows enhance body conditions and adjust negative energy balance quickly after calving
- Increase milk yield and milk components without the risk of fat depression
- Effectively improves cow reproduction functions
- Makes it possible to increase roughage intake and reduce grain content while maintaining the same energy density
- Reduces ketosis and acidosis incidences

**Feeding Recommendation:** 200-500 g/cow/day, depending on milk yield

**Application:** The highly palatable and digestible EXTREME-BOOST can be fed in a total mixed ration, in a grain mix, or in complete feed.

**Packaging:** 25 kg (55 lb) paper bag with PP woven laminate

**Storage:** Cool, dry place. Avoid sunlight and heat.

**Shelf Life:** 12 months



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## Technical Specifications

Total Fat Content	99.50%
Free Fatty Acids(As Palmitic)	1.0% Max
Moisture and impurities	0.5% Max
Slip Melting Point	56-60 °C
Iodine Value (WIJ'S)	24 Max
Color	Off White
Taste	Bland
Physical Appearance	Powder/Granular Beads
Dry Matters	100%
<b>Saturated Fatty Acids</b>	
C14:0 Myristic Acid	Approx 0.3%
C16:0 Palmitic Acid	Approx 70-80%
C18:0 Stearic Acid	Approx 5-10%
<b>Unsaturated Fatty Acids</b>	
C18:1 Olein Acid & higher	Approx 8-12%
Metabolizable Energy(ME)	Greater than7400 Kcal/kg
Net Energy for Lactation(NEL)	Greater than6000 Kcal/kg