

# Ruf-N-Pro

**Type of Feed:** Supplement      **Form of Feed:** Pellet

## General Description:

Ruf-N-Pro is large inclusion supplement providing intact and rumen degradable protein as well as vitamins and minerals designed to be fed with whole shelled corn in a self-feeder.

## LAND O LAKES® Ruf-N-Pro NM

(For Ruminants Only)  
FOR GROWING AND FINISHING CATTLE  
CAUTION: FEED AS DIRECTED

### GUARANTEED ANALYSIS

Crude Protein, Not less than.....	22.0%
(This includes not more than 10.0% equivalent crude protein from non-protein nitrogen.)	
Crude Fat, Not less than.....	1.0%
Crude Fiber, Not more than.....	25.0%
Calcium (Ca), Not less than.....	3.0%
Calcium (Ca), Not more than.....	4.0%
Phosphorus (P), Not less than.....	0.40%
Salt (NaCl), Not less than.....	1.5%
Salt (NaCl), Not more than.....	2.0%
Potassium (K), Not less than.....	2.0%
Copper (Cu), ppm, Not less than.....	60
Selenium (Se), ppm, Not less than.....	1.4
Zinc (Zn), ppm, Not less than.....	215
Vitamin A, I.U./lb, Not less than.....	10,000
Vitamin D <sub>3</sub> , I.U./lb, Not less than.....	2,500
Vitamin E, I.U./lb, Not less than.....	12

### INGREDIENTS

Processed Grain By-Products, Roughage Products (not more than 25%), Urea, Molasses Products, Animal Protein Products, Forage Products, Plant Protein Products, Calcium Carbonate, Salt, Monocalcium/Dicalcium Phosphate, Potassium Chloride, Sodium Selenite, Magnesium Oxide, Zinc Sulfate, Ethylenediamine Dihydriodide, Cobalt Carbonate, Basic Copper Chloride, Manganese Sulfate, Vitamin A Supplement, Vitamin D3 Supplement, Vitamin E Supplement, Mineral Oil

### FEEDING DIRECTIONS

Estimate average daily intake of air dry feed (90% dry matter) prior to mixing and feeding so that the desired amount of supplement is consumed. Thoroughly mix this product at 20% of total air dry diet prior to feeding. Acceptable intakes of this product are 2.0 to 4.7 lb. Modest amounts of roughage (1 – 2 lb/head/day) should be fed either as part of the ration or separately. Do not feed this supplement undiluted or as a top dress.

All ration changes should be made on a gradual basis. Roughages such as long stemmed hay (legume, grass, small grain) or silages should be fed during the step-up or adjustment phase of feeding. If cattle start to bloat, switch cattle to a non-legume roughage source and/or reduce the amount of fines by cleaning the feed trough or changing the source of corn.

In groups of cattle there are certain animals which can experience digestive disturbances from over-eating feed. Weather changes, enterotoxemia and poor feeding practices all can result in erratic feed consumption and can increase the incidence of digestive problems. Always follow mixing directions and good animal health and feeding practices.

## Available Options:

Product No.	Product Name	Active Drug	Active Drug Level
1760201	Ruf-N-Pro		none
1760202	Ruf-N-Pro B150	Bovatec	150 g/ton
1760203	Ruf-N-Pro R140 T45	Rumensin Tylan	140 g/ton 45 g/ton
1760205	Ruf-N-Pro R140	Rumensin	140 g/ton

**Product Features:**

22% protein with 10% provided by non-protein nitrogen

3.5% Calcium, 0.4% Phosphorus

100% vitamin and trace mineral fortified

Pelleted

Different medications available

**Product Benefits:**

Natural protein and modest level of NPN to meet protein requirements and maximize animal performance with economical cost of gain

Balances high-grain rations; helps prevent water belly (urinary calculi)

Provides proper nutrition to support immune system function and enhance health benefits; no need to feed extra mineral supplements to meet requirements

Allows for easy handling without separation of ingredients

Flexible to meet feeding needs

**Usage Tips**

Ruf-N-Pro is a large inclusion supplement providing intact and rumen degradable protein as well as vitamins and minerals designed for finishing cattle. It is formulated to meet the needs of feedlot cattle where little forage is being fed and/or for self-fed rations. It is ideally suited to be fed with whole shelled corn in a self-feeder. It is typically fed at 20% of the grain mix (2 to 4.7 lb Ruf-N-Pro per head daily) depending on the nutrient profile of other ration ingredients, ration energy content, age and size of cattle being fed and the medicated option used.

All ration adjustments should be made on a gradual basis. Use good bunk management techniques and procedures to reduce fines in the bunk, prevent digestive disturbances and to optimize DM intake and animal performance. Ruf-N-Pro should be thoroughly mixed with grain prior to feeding. Modest amounts of roughage (1 – 2 lb per head per day) should be fed either as part of the ration or separately. Do not top dress or feed this supplement separately from the majority of the feed. Follow label instructions for mixing and feeding directions.

**Key Points**

1. Large inclusion supplement (20%) providing protein, vitamins and minerals.
2. Ideal for use with whole shelled corn programs or limited-roughage programs.
3. Balances the diet to provide optimum nutrition to maximize performance.