



Liquid Protein Supplement Data Sheet

Product Description

42% Liquid Protein Supplement (LPS) is a liquid nutritional supplement designed to be fed free choice in lick-tanks to provide energy (molasses) and protein (corn solubles and NPN).

Overview

42% Liquid Protein Supplement (LPS) is a free flowing molasses based product that contains protein from corn extractives and NPN.

The sweet taste of molasses is buffered with mineral addition in highly bioavailable forms (e.g. phosphoric acid) that controls intake so cattle do not over consume product.

In addition, the NPN contained in LPS is manufactured with a technology to present the Nitrogen degradation in a slow-release format.

Trace elements (including Selenium) and vitamins are added to ensure pasture cattle have their needs supplemented.

Ordering Information

Liquid Feeds International (1986), Ltd.
Customer Service Department
Toll Free 800-265-8335
Or 519-469-8160
e-mail sales@liquidfeeds.com

Feeding Instructions

May be mixed with grain, top dressed or added into a TMR, however, the most widely used application is through a self-feeding lick tank.

- Total Mixed Ration: Include at 3% – 6% of ration dry matter
- Lick Tank: Designed for 0.5 kg / head / day

The following recommendations should be observed:

- Provide unlimited clean fresh water, yet not close to the lick tank.
- Provide adequate, available roughage and source of energy at all times.
- Do not feed free choice to energy starved or hungry livestock.
- access to free choice salt and calcium mineral.

Nutrient Specifications

Protein	(min)	42.0%
ECP from NPN**	(max)	36.0%
Sugars (Invert)	(min)	18.0%
Calcium	(actual)	0.38%
Phosphorus	(actual)	1.13%
Potassium	(actual)	1.74%
Magnesium	(actual)	0.34%
Sulphur	(actual)	0.55%
Iron	(actual)	238 mg/kg
Zinc	(actual)	220 mg/kg
Manganese	(actual)	98 mg/kg
Copper	(actual)	82 mg/kg
Iodine	(actual)	23 mg/kg
Cobalt	(actual)	4 mg/kg
Selenium	(actual)	3 mg/kg
Vitamin A	(min)	58,400 IU/kg
Vitamin D3	(min)	6,300 IU/kg
Vitamin A	(min)	110 IU/kg
Dry Matter	(actual)	54%

* This feed contains added Selenium

**Equivalent Crude Protein from Non Protein Nitrogen

Product Characteristics

Appearance: Dark Brown
Odor: Molasses
Packaging: 1 MT Intermediate Bulk Carriers (tote) or Bulk
Shelf Life: 1 year when stored as directed

Storage Instructions

Keep lick tank feeder and lick tank wheels in good working order. Clean lick tank on at least an annual basis. Do not place lick tank under trees. 42% Liquid Protein Supplement (LPS) does not require insulation or heated tanks