

MINLIC®

MinLic® is a vitamin & mineral tub with no added protein.



- ✓ **WEATHER RESISTANT**
- ✓ **HIGH MINERAL BIO-AVAILABILITY**
- ✓ **CONSISTENT AVAILABILITY**

Your mineral program is only as good as the intakes of your herd. Cattle grazing high-quality pastures or forages can have lower intakes of traditional mineral supplements. However, low moisture blocks from SmartLic® provides a robust mineral package in a palatable cooked molasses tub produced in a patented manufacturing system to deliver reliable intakes without added labour or management.

Because MinLic® offers no added protein to a herd's diet, these tubs are ideal for cattle grazing high quality pastures in the spring. Additionally, most MinLic® formulas offer a minimum of 2.0% added magnesium which can help combat poor performances as a result of magnesium imbalances.

SUITABLE FOR ALL CLASSES OF BEEF CATTLE ON PASTURE.

When supplemental protein is not needed but added minerals are desired in your herd's diet, think SmartLic® MinLic® tubs.

MINLIC® WITH AVAILA® 4

Availa® 4 is a combination of complexed zinc, manganese, copper and cobalt designed to meet the trace mineral demands of the cow herd. Tub fortified with Availa® 4 are designed to support overall immune health and lifelong reproductive performance of beef cattle. MinLic® is available with or without Availa® 4.

MINLIC® HI-CAL AVAILA® 4

Fortified with minerals and high levels of key vitamins, MinLic® Hi-Cal Availa® 4 offers 10-12% calcium—the most out of all MinLic® formulas.

SOLUTION FOR:

Situations where phosphorus levels are adequate but calcium levels are low such as in grain-fed cattle and diets heavy in corn silage, sorghum silage, or by-product feeds such as DDGs.



MINLIC® HI-PHOS

MinLic® Hi-Phos offers 8% phosphorus and calcium to help balance out average pastures that are low in phosphorus. Important for bone development and cell energy, cattle short on phosphorus will show fragile bones, unthriftiness, chewing of wood/hair/bones, or poor reproductive performance and lactation.

SOLUTION FOR:

Situations where calcium levels are adequate but phosphorus levels are low such as during winter cover-crop grazing or on dry forages.

FLY CONTROL

MinLic® with feed-through fly control (Altosid®) is a research proven, field backed solution to managing horn fly populations.

SOLUTION FOR:

Management and reduction of horn fly populations. Best results from Altosid® are seen when fed 30 days before the last frost, through the fly season, and 30 days after the first frost of the fall.



ALL-BREW™

MinLic® with ALL-BREW™ offers key support for the animal's rumen and gut health which is vital for immune support and performance during periods of stress.

SOLUTION FOR:

Cow-calf pairs on excellent quality forages facing stress events.



GUARANTEED ANALYSIS

MinLic®

Selenium, (actual)	13.2 mg/kg
Sodium, (actual)	0.9%
Calcium, (actual)	5.5%
Phosphorus, (actual)	4.0%
Potassium, (actual)	2.5%
Magnesium, (min)	3.0%
Cobalt, (actual)	10.0 mg/kg
Copper, (actual)	850 mg/kg
Iodine, (actual)	40 mg/kg
Manganese, (actual)	3,400 mg/kg
Zinc, (actual)	3,400 mg/kg
Fluorine, (max.)	500 mg/kg
Vitamin A, (min.)	260,000 IU/kg
Vitamin D, (min.)	26,000 IU/kg
Vitamin E, (min.)	260 IU/kg
Sulfur, (actual)	0.5%

MinLic® is available with Altosid®, Availa® 4, and/or ALL-BREW™. There might be slight variations in formulas. Refer to on product feed tag for more information and guaranteed analysis.

MinLic® Hi-Phos

Selenium, (actual)	18 mg/kg
Calcium, (actual)	8.5%
Phosphorus, (actual)	8.0%
Potassium, (actual)	2.5%
Cobalt, (actual)	13 mg/kg
Copper, (actual)	1,000 mg/kg
Iodine, (actual)	50 mg/kg
Manganese, (actual)	4,000 mg/kg
Zinc, (actual)	4,000 mg/kg
Vitamin A, (min.)	440,000 IU/kg
Vitamin D, (min.)	44,000 IU/kg
Vitamin E, (min.)	440 IU/kg

MinLic® Hi-Cal Availa® 4

Selenium, (actual)	8.8 mg/kg
Calcium, (actual)	11.2%
Potassium, (actual)	3.6%
Magnesium, (min)	2.0%
Sulfur, (actual)	0.5%
Cobalt, (actual)	63.8 mg/kg
Copper, (actual)	680 mg/kg
Iodine, (actual)	33.7 mg/kg
Manganese, (actual)	2,700 mg/kg
Zinc, (actual)	2,705 mg/kg
Vitamin A, (min.)	349,580 IU/kg
Vitamin D, (min.)	35,200 IU/kg
Vitamin E, (min.)	879 IU/kg
Thiamine, (actual)	440 mg/kg



Products with Availa® 4 will have 10x more Cobalt values than without Availa® 4

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FEEDING DIRECTIONS

Provide free-choice as a supplement to pasture beef cattle at the rate of one block for each 15 to 25 head. Place blocks in each pasture near areas frequented by livestock, such as watering locations, shade or loafing areas. Cattle normally consume approximately 0.11 kg (approx. 0.23 kg for MinLic® Hi-Cal Availa® 4) per head daily. Consumption may vary depending on climate, grazing conditions, condition of livestock and/or availability of other feeds. In situations where climate and/or other factors result in less consumption, intake of supplement can be increased by increasing the number of blocks per pasture.

Provide access to fresh water and free-choice salt at all times. Direction for use must be carefully followed. Do not use in association with other feeds containing supplemental Selenium.

Manufactured & Registered By:



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