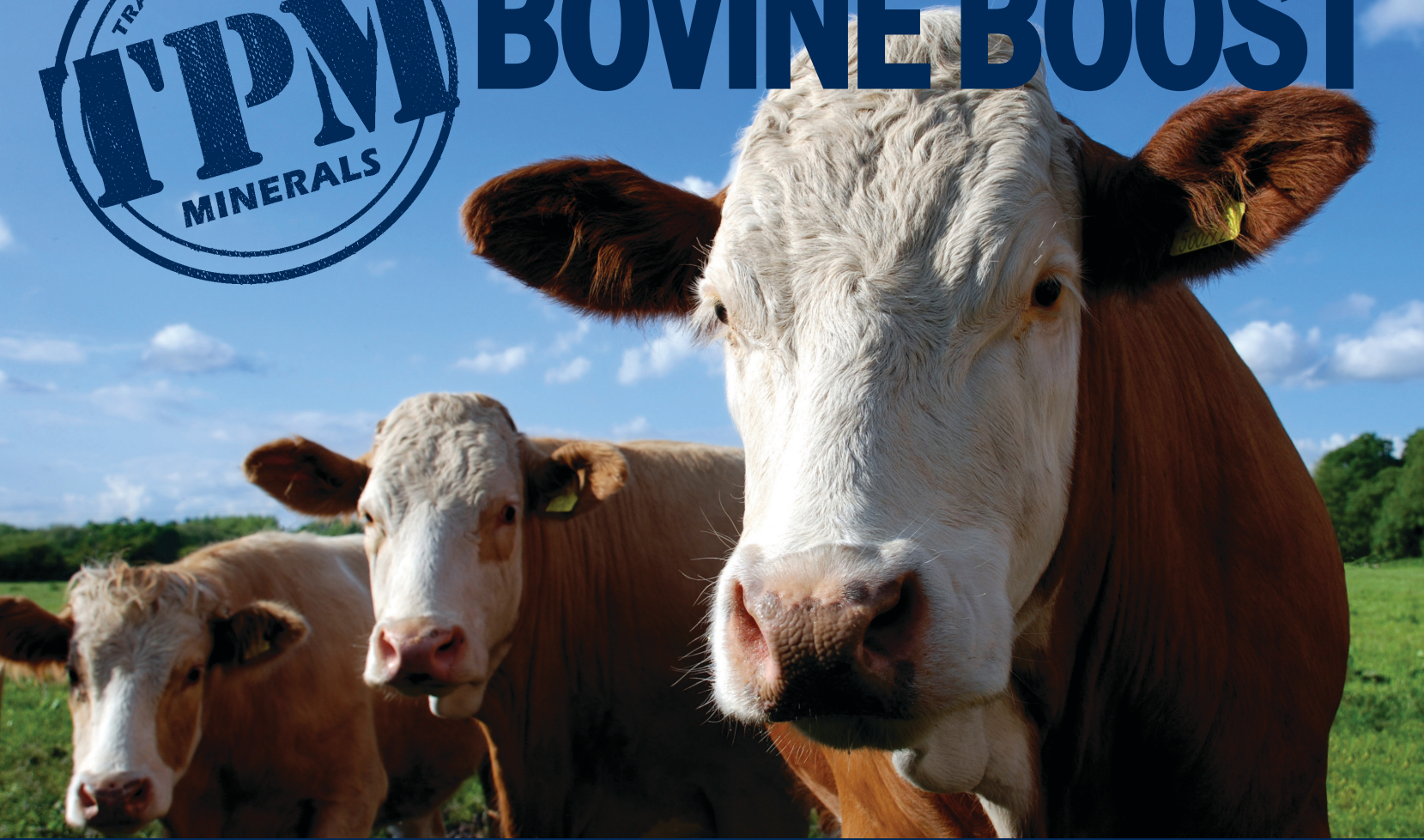




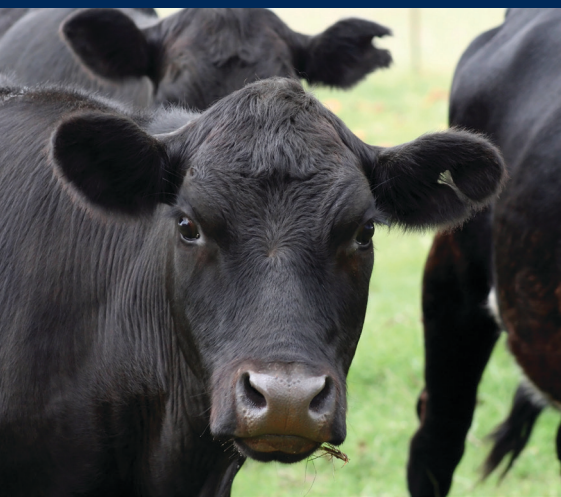
# BOVINE BOOST



**TPM Bovine Boost** an all-in-one mineral supplement that optimises uptake of key nutritional components in an easy to use loose lick powdered formulation. Where deficiencies can present challenges throughout the calving season but maximising feed utilisation is a must for finishing stock, **TPM Bovine Boost** offers real results for a balanced nutritional package providing improved productivity.

Containing the correct balance of essential salts, macro & micro minerals and vitamins A D & E, **TPM Bovine Boost** has been formulated as a free choice supplement that allows the animal to consume their requirements according to their individual needs.

Specifically formulated with weather resistant qualities making it perfect for an open grazing situation, **TPM Bovine Boost** is available in a wide variety of customisations for all classes of cattle and has been scientifically designed to maximise performance and productivity of feedlot, partial mixed or grass based ration stock.



# CUSTOMISATIONS

**TPM Bovine Boost** products are exclusively designed to geographical conditions and can be customised for individual farm requirements. Additional formulations outside the base loose lick mineral supplement include:

- ✓ **TPM Bovine Boost CALVING** - specifically designed formulation to prepare and assist the calving process with metabolic conditioning booster
- ✓ **TPM Bovine Boost DRY FEED** - for assisting in utilisation of low protein forages
- ✓ **TPM Bovine Boost FEEDLOT** - for improved feed efficiency with the added inclusion of **Bovatec®**
- ✓ **TPM Bovine Boost BUFFER ASSIST** - a highly effective rumen buffer with the added inclusion of **Acid Buf®W**
- ✓ **TPM Bovine Boost TOXIN BINDER** - for improved resistance in grass tetany & ryegrass staggers including **Elitox®**
- ✓ **TPM Bovine Boost HOOF HEALTH** - for improved hoof health in challenging environments including **Biotin®**

## PRODUCT FUNCTION

### MACRO MINERALS

**Calcium** - For the formation of skeletal tissue providing structural strength and hardness of the bones. Calcium deficiency leads to reduced milk production and metabolic issues such as milk fever.

**Phosphorus** - Intimately involved in acid-base buffering systems of blood and essential for fertility and energy metabolism.

**Magnesium** - Essential for enzyme reactions and nervous system function and for efficient carbohydrate metabolism. Magnesium is important in the prevention of nervous system disorders such as grass tetany.

**Salt** - Sodium and chlorine (salt) provide for the proper function of the nervous and muscular systems.

They help regulate body pH and the amount of water retained in the body as well as assists in the excretion of excess potassium in pasture.

### MICRO MINERALS

**Sulphur** - Part of the essential amino acids, methionine and cystine, that make up protein.

**Cobalt** - Functions as a component of vitamin B12, which is synthesized in the rumen by bacteria.

**Copper** - Can assist in improving fertility and parasite resistance.

**Iodine** - Essential mineral for function of the thyroid hormones that regulate energy metabolism.

**Manganese** - Required for normal reproduction, foetal and udder development.

**Selenium** - Has antioxidant properties, therefore increasing the animal's immune-competency (disease resistance).

**Zinc** - Hardens hooves and reduces the risk of skin disease such as photosensitization.

### VITAMINS

Vitamins are closely linked to mineral metabolism and absorption...

**Vitamin A** - Helps skin and mucous membranes stay healthy.

**Vitamin D** - Aids in the absorption of calcium and phosphorus from the intestine and their deposition in the bone matrix

**Vitamin E** - An antioxidant with similar functions as Selenium.

Grower Trials have shown a  
23% increase in daily gain on growing heifers  
"TPM Winter Trial - 2016"

### ESTIMATED CONSUMPTION RATES

- 80-120 grams per day for Mature Stock
- 40-80 grams per day for Weaners/Young Stock

Provide *ad-lib* in well drained tubs near clean water source.

### STORAGE

Store undercover, away from direct sunlight in a cool dry place.

Available in 25kg bags of 48 per pallet.

Caution: ANIMAL USE ONLY

Does not contain Restricted Animal Material

### TECHNICAL ANALYSIS

Calcium (Ca) .....	17.5%
Phosphorus (P).....	8%
Magnesium (Mg) .....	5%
Salt (Na Cl) .....	30.5%
Sulphur (S) .....	2%

Containing Balanced Levels of Essential Micro Minerals:  
Cobalt (Co), Copper (Cu), Iodine (I), Manganese (Mn)  
Selenium (Se) & Zinc (Zn)

Also includes Vitamins A, D & E



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YOUR BUILDING BLOCKS FOR

**BALANCED NUTRITION & IMPROVED PRODUCTIVITY**

POWERED BY...

