

**Warning: exercise caution** by not feeding to cattle that are copper sufficient and/or to cattle that may have been grazing alkaloid bearing plants (Ragwort, Heliotrope, Patersons Curse) which can cause liver damage. **If in any doubt contact the supplier.**

For further information about how **PFMA Vimin Vitamin/Micro mineral supplements** will help improve your livestock health and production please contact:

**PFMA (Prime Feed Materials Australia) Pty. Ltd.**  
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**Liability: PFMA Plus products** – containing options of complex mineralised, vitamin, protein and energy enriched all weather loose ruminant nutrient feed supplements/licks (the product/s) have been professionally formulated and blended together using quality ingredients under a quality endorsed manufacturing process and the product/s should only be used in accordance with the feeding/mixing rates as shown on the products label.  
The use of the product/s being beyond the control of the seller/manufacture; no liability, warranties, statutory or otherwise expressed or implied, and no responsibility will be accepted for any damage or losses whatsoever arising from its application or usage.

## PFMA Vimin – Dairy feed supplements for high producing cows

**To meet the challenges of an unpredictable climate, producers need to be clear minded and objective about how to remedy prevailing factors that impact on optimum farm animal production.**

To ensure modern dairy cows reach their productive genetic potential, it is essential not to compromise on the quality or quantity of their feed intake in order to meet their full dietary requirements.

PFMA is committed to producing quality, proven feed supplements that minimise the chance of metabolic shortfalls and do not restrict the animals necessary nutrient requirements.

**PFMA Vimin** technologically advanced complex dairy cow nutrient mixes have been formulated to incorporate the latest feed science nutritional findings to remedy metabolic deficiencies in lactating ruminants dietary intake. These new generation products are not only cost effective, but offer easy management to simply feeding.

**Vimin** pasture feeding lactating dairy cow feed supplements provide a carefully formulated level of vitamins and micro minerals to assist with the balancing of a dairy cows daily dietary intake. They contain essential metabolic elements that absorb efficiently into the animals blood stream.

Our quality supplements are formulated to help remedy production restricting metabolic conditions in dairy cows that cause health issues, structural frame and hoof stresses, and fertility/conceptions rates.

**Vimin** high producing dairy cow supplements for are available in **either a loose mix or a pelletised** form for grain and preformed protein supplemented feed rations, for feeding via the bail or TMR feedpads.

NOTE: Ionophores and other rumen modifiers can be blended into **Vimin** as required during the manufacturing process.

The producer can also upgrade on site to a full complex vitamin, mineral supplement with the additions of the macro minerals – calcium, phosphorus, magnesium, sulphur, salt and rumen buffers to Vimin as required.

**PFMA Vimin dairy supplements: Protecting your livestock investment and leading to a productive future.**

Vitamins are linked to the metabolism and absorption of minerals:

**Vitamin A:** is important for healthy mucous membranes and reproduction.

**Vitamin D:** helps with calcium and phosphorus absorption into the skeletal structure.

**Vitamin E:** acts as a biological antioxidant and a free radical scavenger in the immune system increasing disease resistance. Vitamin E and Selenium are inter-related and help prevent muscular dystrophy.

**Biotin:** improves hoof keratin resilience and health, reducing foot problems.

Micro minerals:

**Cobalt:** is a component of Vitamin B12 and also provides nutrients for rumen biota – improving digestion.

**Iodine:** essential for normal function of the thyroid glands that regulate energy metabolism.

**Manganese:** prevents foetal skeletal and tendon problems in ruminants, it is required for normal reproduction

**Zinc:** an essential component for many enzymes and is important for the immune system and reproduction, skin and hoof health.

**Copper:** is an essential component for many enzymes systems to produce efficient healthy growth.

**Selenium:** has anti-oxidant functions and an inter relationship with Vitamin E increasing immune competency. Prevents muscular dystrophy in ruminants.

**PFMA Vimin: product specification per 50 gm.**

Vitamin A.	80 kiu.	Cobalt/Iodine.	18/12.5 mg
Vitamin D3.	37.5 kiu.	Manganese.	500 mg
Vitamin E.	500 mg.	Zinc.	1200 mg
Biotin (optional inclusion).	20 mg.	Copper.	300 mg
		Selenium	12.5 mg

**Recommended usage for mixing into grain based supplements fed to high producing pasture feeding cows.**

- 50 gm per head per day during dry pasture conditions.
- 40 gm per head per day with fresh late winter/spring/early summer pastures.

**NB:** Feed only to DAIRY cattle, and DO NOT FEED with any other vitamin/mineral supplements. DO NOT FEED to nor allow access to dogs, or horses/equines – Ingestion maybe fatal.