

The NutriMin[®] Balancer Range



Animal Nutrition that Works, Our Guarantee.



NUTRITECH
LEADERS IN ANIMAL NUTRITION

The NutriMin[®] Balancer Range

NutriMin[®] Balancers provide a simple and cost-effective way of delivering macro and trace minerals with a range of forages and supplementary feeds to balance diets for optimal health, fertility and production.

NutriMin[®] Balancers are easy to use and convenient. They remove the daily weighing out of many different minerals and other additives, saving both time and money on staff measuring out multiple ingredients.

This reduces the risk of errors in either under or over dosing, and ensuring animals receive the correct balance of nutrients every day whilst making life easier on the farm.

NutriMin[®] Balancers are produced in GMP and ISO 9001 approved production facilities, ensuring quality approved ingredients are mixed in defined process to ensure even distribution of nutrients and minimising risk of contaminants entering the food chain.

NutriMin[®] Balancers provide appropriate levels of major and trace minerals to balance diets for stock fed pasture, maize or wholecrop silages, cereals, palm kernel expeller (PKE) and fodder beet.

Minerals in Common Forages Compared to Cow Requirements

% DM	Pasture	Maize Silage	Whole Crop Silage	Barley	PKE	Fodder Beet*	Cow Early Lactation 2 kg MS	Dry Cow 500 kg LW
Ca	0.6	0.2	0.2	0.1	0.36	0.5	0.6	0.4
P	0.4	0.2	0.2	0.3	0.58	0.15	0.4	0.3
Mg	0.2	0.1	0.1	0.1	0.3	0.35	0.25	0.2
K	3.0	1.2	1.0	0.6	0.8	1.74	1.0	1.0
Na	0.2	0.15	0.15	0.03	0.01	0.9	0.2	0.18
Cl	0.4	0.4	0.4	0.1	0.2	1.3	0.25	0.2
S	0.3	0.13	0.15	0.1	0.2	1.3	0.2	0.2
mg/kg								
Co	0.1	0.05	0.05	0.01	0.11	0.1	0.11	0.1
Cu	10	5	5	5	25	17	12	15
Fe	150	150	50	75	500	0.1	50	50
I	0.3	0.1	0.2	0.1	0.1	200	0.6	0.6
Mn	70	40	40	18	225	100	40	40
Se	0.1	0.02	0.02	0.1	0.1	0.09	0.3	0.3
Zn	35	20	20	26	45	80	50	45

*Fodder Beet based on 35% tops and 65% bulbs on a dry matter basis. MS = Milk Solids LW = Live Weight

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Which Balancer is Right for Me?

NutriMin® Balancers are designed to be used in varying feeding application systems that include:

- **Mixer Wagons & Feed Pads**
- **In-Shed Feeding Systems**
- **Trough Systems**

The **In-Shed NutriMin® Balancers** are free flowing granular products designed to minimise dust, and include a flavouring to encourage feed intake. These can be added through mineral dispenser boxes attached to some in-shed feeder systems.

Optional Additions are available for NutriMin® Balancers with minerals in inorganic, organic, or combination of both forms. Additives such as Rumensin® and biotin may be included. High zinc options are available for feeding during high facial eczema risk periods.

Custom Balancers can also be formulated according to farm requirements, including for other species. Dose rates are based on specific silage, grain, PKE or fodder beet feeding rates. The DietCheck® feed rationing program can be used to identify the nutrient requirements on individual farms based on their current feeding regimes, and to assess the most suitable products to balance their mineral requirements.



DietCheck®
Balancing your herd



Mineral Supplementation Key Points

- Macro minerals (calcium, phosphorous, magnesium, sodium, chloride, sulphur) and trace minerals (cobalt, copper, iodine, iron, manganese, selenium and zinc) are important nutrients for health, production and fertility in livestock.
- It's important to ensure minerals are correctly balanced for the types of forages and other feeds fed to livestock.
- The liver and bones are the primary storage sites for a number of minerals, and regulate levels in the blood. Levels of minerals in the blood can vary daily as part of the body's normal regulatory mechanisms.
- Testing levels in liver reserves provides a better estimate of reserves of some trace elements than testing in blood.



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Product Comparison Chart

	NutriMin® Maize Silage Balancer	NutriMin® Maize Silage Trace Balancer	NutriMin® MacroMaize	NutriMin® Silage Balancer Zinc	NutriMin® In-Shed Grain Balancer	NutriMin® In-Shed PK Balancer	NutriMin® PK Balancer	NutriMin® Fodder Beet Balancer
Code	1217	1208	1223	1222	1226	1227	1225	1215
Daily Dose (g)	125	40	125	100	130	120	100	75
Macro Minerals								
Calcium (g)	26		26	20	26	26	22	13
Phosphorus (g)	4		4		5			9
Magnesium (g)	17		17	10	15	15	10	9
Sodium (g)	6		6	6	9	9	7	10
Trace Minerals								
Cobalt (mg)	4	4		2.5			4	10
Copper (mg)	200	200		150*			50*	125*
Iodine (mg)	9	9		7			8	8
Selenium (mg)	4	4		2			4	5
Zinc (mg)	400	400		10,000			400	400
Other								
Orego-Stim®					✓	✓		✓
Vitamins		✓						
Optional Additions								
Rumensin®	✓	✓	✓	✓	✓	✓	✓	✓
HiTrace® 5	✓				✓	✓		
NutriPlex® 5	✓				✓	✓		
AquaTrace® 5 Hoof n' Udder	✓				✓	✓		
Biotin	✓	✓	✓	✓	✓	✓	✓	✓
Zinc (FE)	✓				✓	✓		

*Contains an organic form of the trace element

Quality is Assured

To address the issue of residues in trace minerals that are of major concern to feed and food safety, Nutritech adheres to a strict code of quality assurance. Nutritech ensures its products are manufactured to the highest standards, to ensure product integrity and traceability. Our raw materials are sourced globally. All raw materials are supplied with a certificate of analysis confirming mineral content and screening results for undesirable substances, in particular heavy metals, dioxins and dioxin like PCBs. Independent local testing is regularly conducted to confirm product specifications, providing a robust process to confirm the integrity of all raw materials and products. Nutritech operates under the ISO 9001 Quality Assurance and GMP guidelines.



Call Customer Services
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www.nutritech.co.nz



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