

KeyShure[®] Plus is a *Metal Amino Acid Chelate* accordingly to the Association of American Feed Control Officials (AAFCO) No. 57.142 definition. The unique attribute of a Metal Amino Acid Chelate is that the molecular weight is less than 800 daltons with a mole ratio of 1 mole of mineral to 1-3 moles of amino acid to form coordinate covalent bonds.

KeyShure[®] Plus combines superior performance with exceptional value. You get the quality you expect from a world-class manufacturer and the no-frills pricing you need to maximize profitability.



Feeding Recommendations:

		g/hd/d	g/US Ton Complete Feed	mg/lb DMI
Dairy Cattle	Calves			
	Milk Replacer		429	214
	Starter		303	151
	Growing Heifers			
	200 - 500 lb BW	1.6	270	135
	501 - 800 lb BW	1.4	172	86
	801 - 1,100 lb BW	1.5	141	71
Cows	Non-Lactating	1.0	71	33 - 38
	Lactating	1.8 - 3.1	93	40 - 53
Beef Cattle	Grow/Finishing			
	400 - 600 lb BW	1.5	253	126
	601 - 800 lb BW	2.0	253	126
	801 - 1,000 lb BW	2.7	253	126
	Cows			
	Gestating	2.7	253	126
	Lactating	3.2	253	126
Goats	All	400 mg/100 lb BW	253	126
Sheep	All	323 mg/100 lb BW	202	101
Horses	All	101 mg/100 lb BW	202	101
Swine	Creep		505	
	Nursery		303	
	Grower		253	
	Finisher		202	
	Sow/Boar		404	
Poultry	Chicks		404	
	Broilers		404	
	Breeders		202	
	Laying Hens		227	
	Turkeys		404	
Aqua	Salmonids and Marine Fish		506	
	Tilapia and Freshwater Fish		506	
	Shrimp		250	
Companion	Canine			
	Adult Maintenance		202	
	Growth & Reproduction		444	
	Feline			
	Adult Maintenance		404	
Growth & Reproduction		404		

Guaranteed Minimum Analysis:

Iron	18%
------	-----

Typical Analysis:

Crude Protein	28%
---------------	-----

Physical Characteristics:

Color	Light brown to dark brown speckled
Texture	Standard: Fine granular
	Granular: Granular
Particle Size	Granular: 80% between US 20-50 mesh
Particle Characteristics	Granular: Free flowing
Package Type	Multiwall, poly-lined bag, Woven polypropylene fabric tote
Package Weight	25 kg (55.1 lb), 1,000 kg (2,200 lb)
Shelf Life	3 years after the date of manufacture

Safe Handling & Storage:

KeyShure Plus Iron is safe for use when directions on the label and Safety Data Sheet are followed. Store the product in a clean and dry environment, in the original package. Rotate inventory to maximize product freshness.

Feeding recommendations are designed to meet 100% of animals trace mineral requirements.

HORSES: All recommendations based on mature horse of 500 kg body weight consuming 4 kg of complete feed.

Product not available in all countries.

KeyShure® Plus

Amino Acid Chelated Minerals



Chelated to Microbial Protein

- 28% protein from microbial biomass has a superior amino acid profile as compared with the plant proteins used in competing products.
- Non-Grain, Non-GMO.

Higher Mineral Concentration

- KeyShure Plus has among the highest mineral content in the chelated mineral industry.
- Formulation flexibility: higher concentration requires less space in premixes and manufactured feeds.
- Reduced carbon footprint; lower transportation costs/emissions, reduced manufacturing inputs.
- Granulated formulation available for reduced dust and ease of handling.

KeyShure Performance and Value

- Quality you expect from a world-class manufacturer.
- Proven Performance.
- Exceptional Value.

Why is Iron Important?

Iron is present in the different forms of heme and the iron-sulfur (Fe-S) cluster binding protein, which plays an important role in various enzymatic reactions such as aerobic respiration, TCA-cycle function and DNA synthesis as well as oxygen transport and storage.



Balchem Animal Nutrition & Health is the global leader in choline production, chelation and encapsulation technology. With a growing portfolio of nutrition products and a dedication to innovation and industry sustainability, Balchem is leading the charge to meet the nutritional needs of ruminants, monogastrics and companion animals. The company consists of three business segments: Human Nutrition & Health; Animal Nutrition & Health; and Specialty Products. Balchem employs over 1,400 people worldwide who are engaged in diverse activities, committed to developing the company into global market leadership positions.

Balchem ANH – Americas Region
5 Paragon Drive
Montvale, NJ 07645

Toll-free 845.326.5600
E-mail anh.marketing@balchem.com
Website Balchem.com