

WATER

SOLUBLE POWDER



NUTREX
CURRENT NUTRITION TECHNOLOGY EXPONENTS

CHELAMIN WS

Chelated Minerals and Complete L-amino acids
supplement

STRESS & PEAK PRODUCTIVITY SUPPLEMENT FOR BROILERS & LAYERS

PRODUCT DESCRIPTION

CHELAMIN is a proprietary blend of L-amino acids and chelated (organic) minerals, two of the newest nutritional products designed for maximum absorbability and biologic value, in the unique and preferred drinking water delivery route

The complete L-amino acids component are derived from enzymatic digest of lactalbumin, or milk protein, the best source of protein in the most desirable essential amino acid combination known.

The minerals in the blend are 4th generation true chelates, produced in the proprietary "state of the art" three step chelation process, assuring the highest possible stability, solubility and bioavailability.

CHELAMIN ws is purposely designed to provide the critical micronutrients needed by the birds during times of stress and elevated nutrient demand of peak growth and lay, in the most efficient delivery approach.

INDICATIONS

As an Anti-stress nutritive supplement to mitigate and reduce productivity impacts of stress

As a highly bioavailable nutrient support to intensified nutrient demand during peak growth & productivity

CONTENTS/kg

L-amino acids:

| | |
|-----------------|------------|
| L-alanine | 6,660 mgs |
| L-arginine | 4,160 mgs |
| L-aspartic acid | 9,380 mgs |
| L-cysteine | 2,250 mgs |
| L-glutamic acid | 16,150 mgs |
| L-glycine | 7,740 mgs |
| L-histidine | 1,140 mgs |
| L-isoleucine | 5,360 mgs |
| L-leucine | 8,830 mgs |
| L-lysine | 7,960 mgs |
| L-methionine | 1,900 mgs |
| L-phenylalanine | 3,180 mgs |
| L-proline | 6,960 mgs |

| | |
|--------------|-----------|
| L-serine | 4,540 mgs |
| L-threonine | 5,890 mgs |
| L-tryptophan | 1,110 mgs |
| L-tyrosine | 2,560 mgs |
| L-valine | 5,340 mgs |

Chelated Minerals

| | |
|-------------------------|------------|
| Iron amino acid chelate | 60,000 mgs |
| Copper aa chelate | 25,000 mgs |
| Zinc aa chelate | 35,000 mgs |
| Selenium aa chelate | 2,000 mgs |
| Manganese aa chelate | 20,000 mgs |
| Magnesium aa chelate | 40,000 mgs |

PACKAGING

Box of 1kg pillow pack X 12

A SPECIALTY NUTRITIONAL PRODUCT

FOR THE TROPICS OF:

AGRIaccess Inc Bothell WA USA

IMPORTED BY:

TURIN LIVESTOCK & CROP PROJECTS

San Juan City M.M., PHIL.

WHY USE CHELAMIN?

It is well established that animals in a high nutrient demand state (such as growing, lay, pregnancy and lactation/) require adequate and readily available nutrients circulating in the blood in order to meet the cellular metabolic and consequent productive requirements. Young pigs and poultry also have underdeveloped digestive system to effectively digest and utilize standard feeds, especially vegetable-based proteins, leading to actual deficiencies. Numerous data indicate that adequately supplying the absorbable nutrient requirements of a piglet or broiler, for example, leads to at least 12% reduction in feeding days to market.

Lactating animals require enormous amounts of nutrients to be able to produce their rated milk production capacities. Research has established that a lactating sow with a litter of 10 requires 3-4 times its maintenance caloric requirement to effectively supply the milk needs of the litter. Failure to supply such needs leads to mobilization of stored nutrients leading not only to a greatly depleted sow but more so to undernourished weaners.

Animals under stress (vaccination, disease, heat, production, etc) automatically undergo reduced feed intake, leading to decreased digestive and metabolic functions, consequent impaired production and increased susceptibility to diseases. Supplying the critical requirements in view of the reduced feed intake is therefore indicated.

CHELAMIN, in its cell utilizable form, absorbed and utilized independent of digestive processes, present a convenient, economical and cost effective way in supplying the vital minerals and essential amino acids needed by animals in high demand or stressed conditions

CHELAMIN does not harm nor impair bioavailability of VITAMINS, ANTIBIOTICS and other essential nutrients and supplements.

INDICATIONS

To provide the vital minerals and essential amino acids required by animals in high demand and stress conditions thru the water.

ADVANTAGES/EFFECTS

1. A cost effective supplement in attaining the genetic productive potential of the animal.
 - a. Supports enhanced liveability and first stage growth of piglets and broilers
 - b. Provides maximum absorbability minerals and L-amino acids vital to attaining increased milk production of sows and higher egg mass of layersEffect is more pronounced in less digestible, least cost corn-soy protein based rations.
2. Provides maximum absorbability minerals and essential L-amino acids to stressed, intake reduced and digestive process impaired animals.

As a stressed animal tends to reduce feed intake/stop eating but continues to drink, supplying vital nutrients thru water reduces the impact of stress.

 - a. Reduces stress related production drops.
 - b. Helps reduce disease susceptibility arising from immune suppression due to stress.
3. Helps preserve the inherent availability of VITAMINS and other nutrients in the gut.
4. As the components are in highly stable forms, CHELAMIN can be mixed with vitamins, antibiotics, and other materials in the water or in the feed.
5. CHELAMIN components, being in readily cell utilizable forms, possesses the lowest Heat Increment Value possible for oral nutrients.

A Productivity Enhancement Tool from:

AGRIaccess

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