OTHER ANIMAL SPECIES

Cricket Gut Loader

Feed number: 2987

Suitable for: Crickets and other feeder insects

YOUR BENEFITS

- Complementary food for domestic crickets, field crickets and other feeder insects
- High content of calcium (10%)
- Contains omega-3 fatty acids (1.6%) from fishmeal, fish oil and linseed products
- Supplemented with all important vitamins, trace elements and a high content of beta carotenoids (65mg/kg)
- The feed replaces the maintenance/breeding feed during the last 48h before feeding
- By filling the gastrointestinal tract with this food, the calcium content of the feed cricket increases significantly (own study, p-value 0.004)
- Instead of an inverse Ca:P ratio, as is characteristic for almost all insects, a ratio of up to 1:1 can be achieved in crickets (according to own study)
- By additionally powdering the feed insects with this powder before feeding, additional calcium and vitamins can be supplied.

Colours may be different from the product

TYPE OF FEED, FORM, DELIVERY QUANTITY

- Complementary feed
- Form: meal
- Delivery quantity: 1 kg plasticbox
- Product number: 2987.MA.BU1

For your order: Granovit Zoofeed CH-4303 Kaiseraugst Tel. +41 61 816 16 16 Fax +41 61 816 18 00 zoofeed@granovit.ch www.granovit-zoofeed.com

2022-06-30

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FEED SPECIFICATIONS

Major nutrients (%)

Dry matter	92
Crude protein	16.5
Crude fat	8.7
Crude fiber	4.6
Crude ash	31.8
NFE	30.4
NDF	20
ADF	6
Starch	12
Sugar	2.6

Energy (MJ/kg)

GE	13.6
ME	10.0

Macrominerals (%)

Calcium	10
Phosphorus	1.0
Magnesium	0.3
Sodium	0.3
Potassium	0.7
Chlorine	0.5

Trace elements (mg/kg)

Iron	550
Zinc	90
Copper	15
Iodine	1
Manganese	90
Selenium	0.5
Cobalt	0.5

Vitamins (added, mg/kg)

Vitamin A (IU/KG)	50'000
Vitamin D3 (IU/KG)	5000
Vitamin E	410
Vitamin K3	18
Vitamin B1	80
Vitamin B2	33
Vitamin B6	30
Vitamin B12	0.14
Nicotinic acid	112
Pantothenic acid	92
Folic acid	19
Biotin	0.7
Choline	1700
Vitamin C	4000

Amino acids (%)

Arginine	1.0
Lysine	1.0
Methionine	0.3
Methionine + Cystine	0.6
Tryptophan	0.2
Threonine	0.6

Ingredients

Wheat mill by-products, minerals, fish meal, vitamin and trace element premix, fish oil, potassium sorbate, linseed products, brewer's yeast, beta carotenoids

Remarks

- ◊ Given values are calculated averages in air-dry feed.
- ◊ Energy values calculated according to Kamphues et al. 2014. GE=gross energy, ME=metabolisable energy.
- ◊ ME calculated according to modified Atwater factors (3.5/8.5/3.5).
- ◊ Trace elements: calculated total content. Vitamin declaration: vitamins added before production. Estimated total vitamin content for ration calculations on request.
- ◊ Nutrients are subject to natural variation of the raw materials and their production process.

OUR FEED RECOMMENDATION

- ◊ The meal should be made freely available to the feeder insects in the last 48 hours before feeding
- ◊ No other feed sources should be offered at the same time
- ◊ Water, on the other hand, should be accessible to the feeder insects
- ◊ For additional supplementation, the feeder insects can be dusted with this flour before being fed
- ◊ The feed should be mixed well before each use because of possible segregation
- ◊ The feed should ideally be stored in the refrigerator (2-12°C) after delivery.

Sources:
Kamphues et al. (eds), Supplemente zur Tierernährung für Studium und Praxis, 12. Auflage, 2014. M&H. Schaper, Hannover, pp 20-26, pp 20-26
Bernard J. B. et al. (1997) – Feeding captive insectivorous animals: Nutritional aspects of insects as foods, Nutrition Advisory Group Handbook, Factsheet 003
Finke M.D. (2015) Complete Nutrient Content of Four Species of Commercially Available Feeder Insects Fed Enhanced Diets During Growth; Zoo Biology 34: 554–564
Brooks M, Harris G. 2017. Gut-Loading Diet Evaluation for Crickets (Acheta domesticus), Mealworms (Tenebrio molitor), and Superworms (Zophobas morio) for the Purposes of Optimizing Institutional Protocols. In Ward A, Coslik A, Brooks M Eds. Proceedings of the Twelfth Conference on Zoo and Wildlife Nutrition, Zoo and Wildlife Nutrition Foundation and AZA Nutrition Advisory Group, Frisco, TX.
Sullivan KE, Livingston S, Valdes EV. 2009. Vitamin A supplementation via cricket dusting: the effects of dusting fed and fasted crickets of three sizes using two different supplements on nutrient content. In Ward A, Treiber K, Schmidt D, Coslik A, Maslanka M, Eds. Proceedings of the Eighth Conference on Zoo and Wildlife Nutrition, AZA Nutrition Advisory Group, Tulsa, OK.

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