



Product Info Sheet

Different larvae types/products

- Live larvae
 - These are the actual wrigglers - the worms themselves.
 - Harvested and packaged as an ideal live feed for exotic pets, birds, poultry and fish.
 - Shortest turn-around time to buyer receiving and needing to use/feed so they don't turn into flies.
 - Ideally feed within 7 days of receipt
 - Small/Med/Large sizes
 - Smallest order quantity - 1kg
 - Packaged with some substrate (ie soil) to ensure they don't smother each other while in transit

Protein	15-20%
Fat	10-15%

- Prepupae
 - These are live larvae that are in the process of preparing to pupate (turn into flies)
 - Ideal for use in starting your own colony
 - Or for buyers who want to be able to feed their animals the fly, as opposed to larval, form of BSF (eg - ideal for Chameleon's)
 - Emerge within 7-15 days
 - Smallest order quantity - 1kg
 - Packaged with some substrate (ie soil) to ensure they don't smother each other while in transit

- Dried Larvae
 - Sterilized and dried (sun or convection oven)
 - Ideal for feeding directly to poultry, pigs or fish
 - Can also be used as protein component when mixing own feed
 - Smallest order quantity - 5kg

NUTRITIONAL VALUES	BSFL Meal	Cricket Meal
Crude Protein (%)	55	59
Fat (%)	15	24
Carbohydrates + Fiber (%)	17	14.4
Ash (%)	8	6.5
Energy (Cal/100g)	400	472
Sodium (ppm)	1245	310000
Calcium (ppm)	15000	110000
Magnesium (ppm)	4171	-
Phosphorus (ppm)	8812	-
Potassium (ppm)	14508	1100000
Iron (ppm)	277	2000
Zinc (ppm)	143	-
Copper (ppm)	15	-
Selenium (ppm)	1	-
Manganese (ppm)	349	-
Molybdenum (ppm)	1	-
B12 (ug)	-	24
Omega – 3 (%)	1.4	2.8
Omega – 6 (%)	0.2	6.3

Amino Acids	Units	BSFL Meal	Cricket Meal
Crude Protein	g/100g	55	59
Alanine	g/100g	3.7	4.7
Arginine	g/100g	3.0	3.9
Aspartic Acid	g/100g	5.9	4.7
Cystine	g/100g	0.8	0.4
Glutamic Acid	g/100g	6.4	5.8
Glycine	g/100g	3.5	2.8
Histidine	g/100g	1.9	1.0
Isoleucine	g/100g	2.2	2.3
Leucine	g/100g	4.2	4.0
Lysine	g/100g	3.8	2.3
Methionine	g/100g	1.2	0.9
Phenylalanine	g/100g	2.3	1.8
Proline	g/100g	3.4	3.2
Serine	g/100g	2.4	2.6
Threonine	g/100g	2.4	2.1
Tryptophan	g/100g	0.9	2.9
Tyrosine	g/100g	3.8	0.5
Valine	g/100g	3.7	3.2
Fatty Acids			
Omega – 3	g/100g	1.4	2.8
Omega – 6	g/100g	0.2	6.3

BSF Frass / Castings

- BSF Worm castings
- Ideal soil amendment / organic fertilizer replacement
- High in Nitrogen / Potassium / Phosphorus

Cages

- Insect breeding and pupation cages for the controlled production and batching of BSF lifecycle.
- Each cage comes with a hanging or free-standing frame depending on client needs.
- Breeding cages (where flies mate and lay eggs)
 - Standard and Customised sizes to meet your requirements
- Pupation cages (where pupae turn into flies)
 - Standard and Customized sizes to meet your requirements
 - From here, flies self-transfer into the breeding cages.



- High level intro / training into different aspects of production
- In person / remote tour of Nambu Makhanda Demonstration Facility

- Half day
 - High level intro + deeper explanation of basic concepts + Q&A

- Full day
 - High level intro + deeper explanation of basic concepts + Q&A + lunch + afternoon of getting your hands dirty!

- Week
 - High level intro + deeper explanation of basic concepts + Q&A + lunch + opportunity to join our team in various aspects of the BSF production process (ie - waste collection, waste processing, feeding, harvest, breeding).

- Consulting
 - On establishment + running your own home or commercial setup.