



Epicore BioNetworks Inc.

EPIFEED[®] DRY-150 **Granular Hatchery Feed**

PRODUCT DESCRIPTION

EPIFEED DRY-150 is a high quality granular hatchery feed for Zoea to early post larval stages of shrimp growth. It complements Epicore's EPIFEED-LHF liquid larval feeds and supplements algae and Artemia that are typically used in larval rearing.

BENEFITS TO AQUACULTURE

- Promotes optimum growth and survival of the larvae.
- Provides excellent tank water quality so minimizes the proliferation of pathogenic organisms.
- Promotes reduced requirements for disease treatments and water exchange when used with the other Epicore hatchery system of products.
- Completely replaces other dry diet.
- Provides economical production of large quantities of high-health larvae

MODE OF ACTION

EPIFEED DRY-150 is formulated with the best quality proteins, olefinic lipids, phospholipids, carbohydrates, vitamins and micronutrients for a more readily digested feed. DRY-150 is formulated to minimize leaching of nutrients and to maximize feed digestion. DRY-150 is made by extrusion technology that minimizes heat exposure to maximize retention of delicate essential nutrients, micronutrients and palatability.

INGREDIENTS

DRY-150 feed is comprised of marine, plant and animal protein, dried fish oil, vitamin A, vitamin D3, riboflavin, niacin, calcium pantothenate, vitamin B12, choline chloride, d-Biotin, thiamine mononitrate, pyridoxine hydrochloride, vitamin E, menadione sodium bisulfite complex, folic acid, zinc sulfate, copper sulfate, manganese sulfate, potassium iodate, ethylene diamine dihydrodide, ascorbic acid.

PRODUCT DATA

Parameter	DRY-150
Form	Granular
Bulk Density (gm/cc)	0.59
Solids Content (% by wt)	90
Avg. Particle Size (microns)	150

PRODUCT DATA

Parameter	Value	Parameter	Value
Protein (%)	49	Protein (% dry basis)	55.5
Lipid (%)	16	PUFA (%)	5.5
Carbohydrate (%)	16	HUFA (%)	3.4
Fiber (%)	4	Energy (J/gm)	16
Moisture (%)	10		

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IMPORTANT NOTICE TO PURCHASER

"Epicore BioNetworks, Inc. ("Epicore") warrants that the product conforms to its compositional description and is reasonably fit for the purpose stated on the label when used in accordance with the label instructions under normal conditions of use. There are no other express or implied warranties, whether as to merchantability, fitness for any use, or otherwise, given in respect of the product. Neither Epicore nor its agents shall be liable for any damage, loss, or injury, whether the same arises directly or consequentially, by reason of any matter whatsoever relating to the use of the product, and any buyer's or user's exclusive remedy in any instance shall be limited to a refund of the purchase price paid."

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FEEDING TABLE (*Penaeus vannamei*)

Assumes 6x15 oz 90%-hatch Artemia per million PL produced per cycle)

Day of Culture	Stage	# Feeds Per Day	Dry-150 (gm/day/ KK animals)
5	Zoea 3	3-6	15
6	Z3/M1	3-6	20
7	Mysis 1	3-6	25
8	Mysis 2	3-6	40
9	Mysis 3	3-6	50
10	PL1	3-6	60
11	PL2	3-6	70
12	PL3	3-6	80
13	PL4	3-6	85
		Total/cycle	445

TREATMENT SUGGESTIONS

- Avoid over and under feeding by frequently observing larval health, quality and feeding rate to adjust feed quantity.
- Increase feed quantity for at water temperatures above 28°C.
- Adjust rate for Artemia used and animals present.

PRODUCT PURITY

Today, food crop producers must be able to trace all the ingredients used in tier production. They are especially concerned with certain impurities. Epicore can certify that EPIFEED DRY-150 feeds do not contain any: fungus, Salmonella, Shingella, shrimp byproducts, antibiotic residues or YHV, WSSV or TSV virus.

PRODUCT STORAGE

- Do not store continuously at temperatures above 40°C.
- Keep dry.
- Store out of direct sunlight in a well ventilated area.

SHELF LIFE: two years if stored as recommended.

PACKAGING

Supplied in 20-kg fiber drums with polyethylene liners and in case of 6 1-kg open head plastic pails.