

HIGASHIMARU

P. vannamei Hatchery Feed

**Keep feed fortified for grower Post Larval shrimps!
Significantly high larvae production stability!!**



HIGASHIMARU P. vannamei



ABM P. vannamei

*Real colours of the shrimp hatchery feeds & bags would be different due to display condition.



**1KG laminate film bag provided
with anti-oxidized effect**

**4 crumble sizes of No. 0 to No. 3
available for each hatchery feed**

Features & Benefits

1. **The best quality ingredients**, fortified with well-balanced essential nutrients of high protein, fat, vitamin & mineral for good health and bright body colour.
2. **Good FCR and high survival rate** are expectantly enhanced, and assure shrimp farmers of receiving excellent products. Cost-efficient!
3. **Free from antibiotics and pathogenic bacteria**. Environmentally friendly!
4. **Oxygen absorbent** contained in bag, for preserving freshness of the feeds.
5. **Deoxidized packing** in laminate film bag, for 18 months of shelf life.

Distributed by AQUAFAUNA BIO-MARINE for Central and South America & Mexico



HIGASHIMARU CO., LTD.

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"P. vannamei Hatchery Feeds" for optimal shrimp fry breeding

1. Formulated to meet the nutritional needs of the shrimp fry as **cost effective products**.
2. Assured of optimum feeding with ingredient selection, **high digestibility** to grow healthy, enhancing the survival and fast growth, and ensuring efficiency in the shrimp fry breeding.

Ingredients

Fish Meal, Wheat Gluten, Squid Meal,
Shrimp Meal, Clam Meal, Wheat Flour,
Torla Yeast, Soy Lecithin, Krill Meal,
Marigold Flower Petal Extract,
Calcium Phosphate, Refined Fish Oil,
Cholesterol, Soybean Oil Meal,
Vegetable Fats <i>*Balanced composition provided.</i>

Guaranteed Analysis

Content Analysis	P. vannamei	
Crude Protein	over	52%
Crude Fat	over	7%
Crude Fiber	below	3%
Crude Ash	below	16%
Moisture	below	10%
Calcium	over	1.5%
Phosphorus	over	1%

Standardized Breeding Programme

Stage	Feed Size	Feeding/day(times)	Stage	Feed Size	Feeding/day(times)
ZOEA Z1	No. 0	5g x 0 to 4	P7	No. 2	70g x 4 to 6
Z2	No. 0	5g x 0 to 4	P8	No. 2	80g x 4 to 6
Z3	No. 0	5g x 1 to 4	P9	No. 2	90g x 4 to 6
Z4	No. 0	10g x 1 to 4	P10	No. 2	100g x 4 to 6
NYSIS M1	No. 0	10g x 1 to 4	P11	No. 2	110g x 4 to 6
M2	No. 0	15g x 3 to 4	P12	No. 2	120g x 4 to 6
M3	No. 0	20g x 3 to 4	P13	No. 2	130g x 4 to 6
Post Larvae P1	No. 1	25g x 3 to 4	P14	No. 2	140g x 4 to 6
P2	No. 1	30g x 3 to 4	P15	No. 2	150g x 4 to 6
P3	No. 1	40g x 3 to 4	P16	No. 3	170g x 4 to 6
P4	No. 1	50g x 3 to 4	P17	No. 3	190g x 4 to 6
P5	No. 1	55g x 3 to 4	P18	No. 3	200g x 4 to 6
P6	No. 1	60g x 4 to 6	P19	No. 3	220g x 4 to 6
* Based on one million of PL(P japonicus), 100MT of water in a tank			P20	No. 3	250g x 4 to 6

* This breeding programme provides a useful reference to how rearing controls efficiently. Do not exceed feeding quantity.

Application Particle Size

Crumble Size	No. 0	No. 1	No. 2	No. 3
Diameter (mm)	0.03 to 0.04	0.08 to 0.13	0.20 to 0.30	0.40 to 0.50
Weight of Shrimp	Less than 7g; feeding required appropriately for the growth			7 to 15g

Storage & Shelf Life

1. Store in cool, dry, well-ventilated area, away from sunlight & moisture, not in direct contact with damp floors. Shelf life is up to **18 months** when properly stored below 14C.
2. Rotate stock to use old feed first, **"First-in, First-out"** principle. Once the bag is opened, put inside refrigerator and use it up within approximately 2 weeks.

Ver. 1 Aug 2009



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STANDARD PRODUCT SPECIFICATION

"P. vannamei" Shrimp Hatchery Feeds #0 to #3

Distributed by: **AQUAFAUNA BIO-MARINE INC**, for markets in Central and South America & Mexico

Manufacturer/Exporter: **HIGASHIMARU CO LTD**, Kagoshima, Japan

Description: This shrimp hatchery feed is formulated with well-balanced essential nutrients for P. vanammei breeding. The best quality ingredients assure good FCR and high survival rate as a cost effect product. Free from antibiotics and pathogenic bacteria. **ABM(AQUAFAUNA BIO-MARINE) & HIGASHIMARU** brand are both available.

Ingredients: Fish Meal, Wheat Gluten, Squid Meal, Shrimp Meal, Clam Meal, Wheat Flour, Torla Yeast, Soy Lecithin, Krill Meal, Marigold Flower Petal Extract, Calcium Phosphate, Refined Fish Oil, Cholesterol, Soybean Oil, Vegetable Fats

Content Analysis:

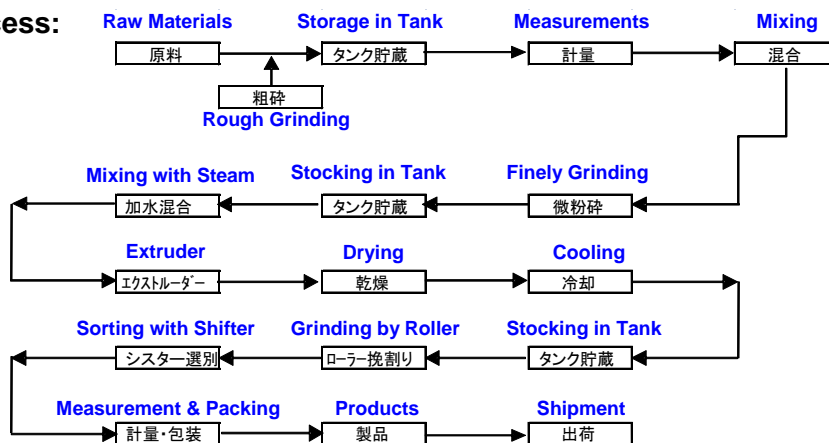
Contents	Ratio (%)	Crude Fiber	3% or less
Crude Protein	52% or more	Calcium	1.5% or more
Crude Fat	7% or more	Phosphorus	1% or more

Particle Size: #0 to #3 Crumble type *Unit: mm
(Diametre)

No. 0	No. 1	No. 2	No. 3
0.03 to 0.05	0.08 to 0.13	0.20 to 0.30	0.40 to 0.50

Package: 1kg laminate film bag provided with anti-oxidized effect.
*Oxygen absorbent contained in bag.

Manufacturing Process:



Storage & Shelf Life:

1. Store in cool, dry, well-ventilated area, away from sunlight & moisture, not in direct contact with damp floors. Shelf life is up to **18 months** when properly stored below 14C from the date of manufacture.
2. Rotate stock to use old feed first, "**First-in, First-out**" principle. Once the bag is opened, put inside refrigerator and use it up within approximately **2 weeks**.

Note: The specifications listed above are subject to change due to seasonal conditions.

Disclaimer: To the best of our knowledge, the information contained here is true and accurate but is not guaranteed.

Last updated: Aug 2009