

The background of the entire advertisement is a dark, high-contrast microscopic image of several shrimp larvae. The larvae are shown in various stages of development, with their complex, segmented bodies and numerous appendages clearly visible against the black background. The lighting highlights the intricate textures and structures of the larvae, creating a sense of depth and scientific precision.

PROPEL[™]
WITH **NOVAQPRO**[™]

F E E D B O O S T E R

ENHANCE THE PERFORMANCE OF COMPLETE SHRIMP FEED

LARVAL

GOOD TO GROW

PROPEL™ WITH NovaqPRO™ FEED BOOSTER – LARVAL

is designed to improve larval shrimp hatchery performance for growth and survival.

PRODUCT DESCRIPTION & CONSTITUENTS

PROPEL™ WITH NovaqPRO™ FEED BOOSTER – LARVAL is an innovative mixture of NovaqPRO™, an organic mineral, and protein complex powder, in combination with a novel single cell protein, antimicrobials and attractants, designed to supplement conventional feed used in rearing of marine shrimp larvae at the hatchery phase.*

SPECIES



Penaeus monodon



Penaeus vannamei

- Black tiger shrimp (*Penaeus monodon*)
- White shrimp (*Penaeus vannamei*)

FEED BOOSTER – LARVAL			
Use Rate per 1 Million Animals per day			
Booster*	Day	Stage	Feed rate grams/day
	1	Z1	3.02
	2	Z1/2	3.63
	3	Z2	4.23
	4	Z3	4.84
Larval	5	Z/M	5.20
	6	M1	6.53
	7	M2	7.86
	8	M3	9.07
	9	PL1	10.61
Total			54.99

TYPICAL ANALYSIS

PROPEL™ WITH NovaqPRO™ FEED BOOSTER – LARVAL	Protein (%)	Fat (%)	Carbohydrate (%)	Crude Fibre (%)	Ash (%)	Form	Size (microns)
	45	0.5	37	0.1	12	Powder	<30µm

TYPE OF PRODUCT

Powder with a particle size of <30 µm. Designed to supplement complete feeds used in rearing of marine/brackish water shrimp larvae at the hatchery phase (Zoea 1 to PL1).

*Ensure adequate availability of the product to the animals. Feed the above dose of the booster in addition, and simultaneously to, the normal dose of conventional feeds. Ensure feeding is to satiation, taking into consideration all other water quality and environmental parameters.

USAGE DATA

This product has been designed to be used for boosting performance of larval diets through direct addition to larval rearing tanks for shrimp species, including, but not limited to: *Penaeus monodon* and *Penaeus vannamei*. Feeding shrimp this product in addition to complete feed, when fed to satiation, can result in improved performance, as compared to shrimp fed solely on complete feeds (see novaqpro.com).

CHEMICAL PROPERTIES

PROPEL™ WITH NovaqPRO™ FEED BOOSTER – LARVAL is a free-flowing, non-toxic dry powder.

PREPARATION FOR USE

Prior to use, the required amount of powder is measured and added to clean fresh, or seawater (max 100g/litre) and then blended at high speed for 10 seconds. The blended mixture is then passed through a fine filter (approximately 100 microns/150 mesh). The product passing through the filter is added directly to the larval rearing tanks.

DOSE RATES

It is recommended to divide the total amount of dry powder per million larvae/per day shown in the table on page 2 by the number of times you feed per day. Then mix with water as described above. Then feed that amount of prepared product at the same time as the complete feed of your choice at each feeding time.

FREQUENCY OF USE

This product is for use in accordance with this product information sheet as an additive to larval rearing tank water at the same time as complete feeds are fed, every day from Zoea 1 until PL1.

PACKAGING

PROPEL™ WITH NovaqPRO™ FEED BOOSTER – LARVAL is available for order in two carton sizes: 16 x 0.5 kg pails per carton or 12 x 1 kg pails per carton.

STORAGE

Store at room temperature, in a clean, dry environment that is free from pests. Re-seal packaging after each use.



SUSTAINABILITY

At Ridley, we believe we can contribute to solving the food production challenges of today and tomorrow through smart animal nutrition. Our approach to sustainability moves beyond compliance. Ridley's Sustainability Pathway, underpinned by our four Sustainability Pillars – Smarter Ingredients, Optimised Production, Effective Solutions, and Meaningful Partnerships – is designed to support the delivery of real value in more sustainable ways.

Legal Disclaimer

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PRODUCT RANGE

PROPEL™ WITH NovaqPRO™

Product Range	Life Stage	Feed Type	Product Name	Target Particle Size	Particle Size Range	Product Format	Pack Size 0.5 kg	Pack Size 1 kg	Pack Size 2.5 kg	Pack Size 20 kg
FEED BOOSTER	Larval	Larval Feed Booster	Larval	<30 µm	1 – 30 µm	Powder	0.5 kg	1 kg		
		Hatchery Feed Booster	Postlarval 1	150 µm	100 – 200 µm	Crumbles		1 kg	2.5 kg	
	Postlarval		Postlarval 2	250 µm	200 – 300 µm	Crumbles		1 kg	2.5 kg	
			Postlarval 3	350 µm	300 – 400 µm	Crumbles		1 kg	2.5 kg	
			Nursery Feed Booster	Nursery 1	450 µm	400 – 500 µm	Crumbles		1 kg	2.5 kg
	Nursery		Nursery 2	600 µm	500 – 680 µm	Crumbles		1 kg	2.5 kg	20 kg
			Nursery 3	800 µm	680 – 850 µm	Crumbles		1 kg	2.5 kg	20 kg
			Transition Feed Booster	Transition 1	1 mm	0.9 - 1.2 mm	Crumbles			2.5 kg
	Transition		Transition 2	1.2 mm	1.0 – 1.4 mm	Crumbles			2.5 kg	20 kg
			Transition 3	1.4 mm	1.2 – 1.6 mm	Crumbles			2.5 kg	20 kg
			Starter Feed Booster	Starter 1	1.6 mm	1.4 – 1.8 mm	Pellets			2.5 kg
	Starter		Starter 2	1.8 mm	1.6 – 2.0 mm	Pellets			2.5 kg	20 kg
		Grower	Grower Feed Booster	Grower	2.0 mm	1.8 – 2.2 mm	Pellets			2.5 kg



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