



## Mackay Marine MP Feed

Mackay Marine MP Feed is a **premium microparticulate feed** formulated with nutritionally-rich Great Salt Lake Artemia. Mackay Marine MP diets are scientifically and nutritionally formulated for ultimate development, growth and survival of shrimp larvae.

- Delivers great stability, buoyancy, and attractability for balanced and complete nutrition
- Maintains water clarity while shrimp gain color and increase in size



### Features and Benefits

- Specific sizing to match each stage of development
- Nutritionally formulated to provide consistent high-end results with significant growth and survival:
  - Highly bioavailable monomer and single-cell proteins
  - Essential fatty acids, vitamins and minerals
  - Immunostimulants
  - Other valuable components
  - Vitamins and minerals to ensure good health, growth and vitality
- Trifecta of shrimp feed:
  - High attractability
  - High palatability
  - High digestibility
- Excellent food for Larval and PL stage shrimp from Z1 to PL12

### Biosecurity

- **MADE IN USA** – Products are produced in an FDA inspected and approved plant
- **GLOBALG.A.P.** certified
- Mackay Marine products are handled, prepared, packaged, and stored to avoid contamination. Our products obtain negative results from the following pathogens:
  - Taura Syndrome (TSV)
  - White Spot Disease (WSSV)
  - Yellow Head Virus (YHV)
  - Salmonella
  - Acute Hepatopancreatic Necrosis Disease (AHPND/EMS)
  - Infectious Hypodermal and Haematopoietic Necrosis (IHHNV)
  - Decapod Iridescent Virus (DIV1)
  - plus many more



**Made in USA**

## Feed guide for larval shrimp\*

Larval Stages >	Z1	Z2	Z3	M1	M2	M3	PL1	PL2	PL3	PL4	PL5	PL6	PL7	PL8	PL9	PL10	PL11	PL12
<b>MPZ &lt;70 µm</b>	<b>Z1 to Z2</b>																	
<b>MP1 &lt;100 µm</b>			<b>Z3 to PL1</b>															
<b>MP2 100-150 µm</b>						<b>M3 to PL3</b>												
<b>MP3 150-250 µm</b>							<b>PL1 to PL6</b>											
<b>MP4 250-450 µm</b>												<b>PL6 to PL12</b>						

\* Consult your local GSLA technical specialist for additional feed guidance.

## Premium Ingredients



GSLA's most nutritionally dense diet formulated to provide shrimp with highly digestible protein (marine & animal protein, vegetable proteins

[including algae], fish oils, and Artemia), vitamins and minerals to ensure good health, growth, and vitality.

## Feeding instructions

- Amount of food in grams/metric tons of water, stocking densities of 70–100 nauplii/liter
- Stages Zoea 1–M3/PL1: Feed 6 times a day (every 4 hrs)
- Stages PL1–PL12: Feed 4 times a day (every 6 hours)

## Guaranteed analysis

- Crude Protein (minimum) 50%
- Crude Fat (minimum) 13%
- Crude Fiber (maximum) 3%
- Total Ash (maximum) 8%
- Moisture (maximum) 6%



**GLOBALG.A.P.**  
The Global Partnership for Safe and Sustainable Agriculture

Availability: 1 kg cans (6 per case) or 4 kg pails/tubs

## TO LEARN MORE OR ORDER

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GREAT SALT LAKE  
**ARTEMIA**

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