



nutrition through innovation

Finfish Marine

Meeting your nutritional needs for **successful aquaculture!**



The Zeigler **Finfish Marine** program is culmination of a decade of research. Where once there were generalized marine feeds, today there are several species-specific offerings.

Our **Sea Bass & Sea Bream** diets are formulated to provide superior performance in cage culture or recirculating systems. Today's greater knowledge of nutrient requirements and system advancements allow for better animal performance while accounting for system specific needs such as water quality and sink rate.

Barramundi culture is one of the fastest growing marine aquaculture sectors. Barramundi are grown around the globe in systems ranging from traditional cages to high-tech

recirculating systems. Zeigler **Barramundi** feeds are designed for these specific conditions.

Yellowtail are often cultured for the sushi / sashimi market. This requires impeccable flesh quality. Zeigler **Yellowtail** diets are formulated to result in high animal performance and muscle quality characteristics.

Pompano and Snapper represent two high-value candidate aquaculture species with tremendous growth potential. Today, Zeigler is proud to say that as the result of several collaborative research projects we can offer species-specific feeds for each.



- Inclusion in starter feeds reported to improve survivals and yields in grow-out.
- Proactive mechanism for fighting viruses and pathogens.
- All-natural alternative to antibiotics; Safe, biodegradable and residue-free.

Zeigler Bros., Inc.
400 Gardners Station Road
Gardners, PA 17324 USA

www.zeiglerfeed.com
info@zeiglerfeed.com

717-677-6181
717-677-6826 fax

GLOBAL G.A.P.
The Global Partnership for Safe and Sustainable Agriculture



Finfish Marine Fish Diets



Pro-Start w/Vpak



Hi-Performance



Marine Grower



Sea Bass/Bream



Barramundi



Yellowtail

Disclaimer: Photos of feed may vary from screen appearance, printing and lot production. This is a visual to give you a representation of particle range and color approximate. Consult your representative for a sample today.

STAGE	MARINE DIETS	Nutritional Analysis					Physical Properties		SIZES (MM)	PRODUCT SUMMARY
		Crude Protein (Min %)	Crude Fat (Min %)	Crude Fiber (Max %)	Moisture (Max %)	Ash (Max %)	Phosphorus (Min %)	Floating		
Starter	Finfish Pro-Start Vpak 55-15	55	15.1.5	12	12	1.3		●	Meal, #1 & #2 Crumbles	<ul style="list-style-type: none"> Optimized formulation containing Vpak to provide a strong start to fry at first feeding. Suitable for cold-water, warm-water and tropical fish.
Fingerling	Finfish Pro-Start Vpak 50-15	50	15.1.5	12	12	1.3		●	1.5, 2	<ul style="list-style-type: none"> An enhanced, high energy feed containing Vpak designed to transition fingerlings from fry feed.
	Marine Weaning	52	14	1	12	9	1.2	●	2	<ul style="list-style-type: none"> A high-value marine species diet designed for RAS systems, non-terrestrial protein.
	Finfish Hi-Performance	45	16	1.3	12	10	1.4	●	2.5	<ul style="list-style-type: none"> A higher energy diet designed to help fingerlings transition to grow out feeds.
Grow Out	*Marine Grower Pompano RAS Vpak	45	15	3.0	12	9	1.3	●	3, 5, 6.5	<ul style="list-style-type: none"> Pompano-specific formulation, designed to minimize feed wasting.
	*Marine Grower Snapper	48	14	3.0	12	9	1.1	●	6.5, 8, 12	<ul style="list-style-type: none"> Specifically designed for rapid growth and pigmentation of Snapper.
	*RAS Sturgeon Grower	45	16	3.0	12	9	1.3	●	8	<ul style="list-style-type: none"> Sturgeon-specific diet, ensuring high growth, well-being and quality caviar.
	*Sea Bass/Bream Vpak 46-16	46	16	2	12	9	1.3	●	3, 5, 6.5	<ul style="list-style-type: none"> Specifically formulated for Sea Bass & Sea Bream raised in net pens.
	Barramundi	45	18	1.5	12	8	1.3	●	3, 5, 6.5	<ul style="list-style-type: none"> Sinking diet specifically formulated for Barramundi raised RAS systems.
	Barramundi	46	18	1.5	12	8	1.3	●	3, 5, 6.5	<ul style="list-style-type: none"> Sinking diet specifically formulated for Barramundi in cage systems.
Broodstock	Yellowtail	50	15	1	12	10	1.6	●	3, 5, 6.5, 8, 9.5	<ul style="list-style-type: none"> Specifically formulated for Yellowtail raised RAS systems.
	Marine Broodstock	45	15	2	10	12	1.5	●	8	<ul style="list-style-type: none"> Designed to enhance the fecundity of your broodfish by helping maximize gonadal development. Contains vitamin and carotenoid pigment supplements required for viable egg and sperm development.

*Diets currently available, check with sales for minum order.

PACKAGING

Bags, Super sacks and Bulk

Contact a Zeigler representative for specific pellet sizes and packaging information.

FEATURES & BENEFITS

- Emphasis on marine ingredients for increased palatability.
- Suitable for open ocean culture systems where a sinking pellet is desired.
- Highly digestible marine ingredients promote rapid growth.
- High vitamin levels for stressful culture conditions.
- Phosphorus levels below 1.3%.
- Meets FDA requirements regarding restrictions on mammalian protein sources.
- Contains **Vpak** (Vitality Pak) – a highly purified nutritional additive that has been shown to improve survivability.

SUSTAINABLE & TRACEABLE

- Use of renewable plant proteins and oils
- Incorporation of fish by-products from human food processing
- Fish meal and fish oil substitutes
- Utilization of natural, bioactive compounds to improve animal health and further reduce the need for farms to use chemicals and antibiotics
- Maximizing the use of locally supplied ingredients

INGREDIENTS

A stringent purchasing program holds our suppliers to a higher standard with pre-established specifications, site visits, and ingredient testing. This careful oversight, record keeping, and quality control continues through the supply chain. Zeigler products meet an array of standards, and are manufactured in a facility utilizing a quality management system that is ISO 9001:2015 registered. In addition, Zeigler meets requirements set by the U.S. Food and Drug Administration (FDA), the U.S. Department of Agriculture (USDA), the Pennsylvania Department of Health.

Feed Size

Meal (≤0.6 mm)

#1 Crumble (0.6-0.85 mm)

#2 Crumble (0.85-1.2 mm)

1.5 mm

2.0 mm

2.5 mm

3.0 mm (1/8")

5.0 mm (3/16")

6.5 mm (1/4")

8.0 mm (5/16")

9.5 mm (3/8")

Fish Size (g/fish)

0.1 - 0.5

0.5 - 1

1 - 2

2 - 5

5 - 10

10 - 20

20 - 60

60 - 250

250 - 500

500 - 1000

>1,000

PRODUCT STORAGE INSTRUCTIONS



- Store in a cool, dry place away from sunlight
- Check packaging for manufactured dates
- Rotate stock to use oldest product first ("first in, first out" principle)
- If receiving skids of feed, remove plastic wrap to prolong life of product

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