



nutrition through innovation

Finfish Sturgeon

Meeting your nutritional needs for
successful aquaculture!



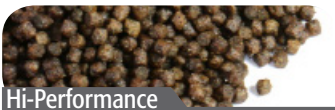
Finfish

Sturgeon

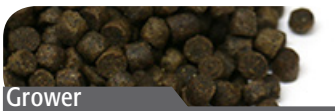
Diets



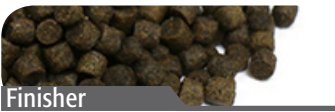
Starter



Hi-Performance



Grower



Finisher

Zeigler understands that raising sturgeon is a long-term commitment. The Zeigler **Finfish Sturgeon** program is designed to partner with the farmer for the entire sturgeon lifecycle. Whether you are raising sturgeon for caviar or meat, Zeigler has a sturgeon diet to fit these needs.

Sturgeon have a unique digestive system and are very sensitive to ingredient sources. Zeigler **Sturgeon** diets are made with high quality marine proteins and oils ensuring consistent feed consumption, growth and health.

Sturgeon Grower is designed to be fed for most of the sturgeon lifecycle. The high level of quality proteins ensures good growth and meat quality.

Sturgeon Finisher is for the final year of feeding for caviar production. Zeigler Sturgeon Finisher contains extra vitamins, essential fatty acids and pigments to promote quality caviar

Zeigler **Starter & Fingerling** feeds have been the industry standard for many years. Today, all our Starter feeds contain **Vpak**, an all-natural immunostimulant that supports juvenile development and promotes higher survivals in stressful culture conditions.



Nutritional Immunology

- 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 • 717-677-6181
www.zeiglerfeed.com • info@zeiglerfeed.com



GLOBALG.A.P.
The Global Partnership for Safe and Sustainable Aquaculture



Finfish

Sturgeon

Diets

| STAGE | STURGEON DIETS | Crude Protein (Min %) | Crude Fat (Min %) | Crude Fiber (Max %) | Moisture (Max %) | Ash (Max %) | Phosphorus (Min %) | Floating | Slow-Sinking | Sinking | SIZES (MM) | PRODUCT SUMMARY |
|------------|-------------------------|-----------------------|-------------------|---------------------|------------------|-------------|--------------------|----------|--------------|---------|------------------------|---|
| Starter | Finfish Starter w/ Vpak | 55 | 15 | 1 | 12 | 12 | 1.8 | • | • | • | 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 Starter w/ Vpak | 50 | 15 | 1.5 | 12 | 12 | 1.8 | • | • | • | 1.5, 2 | <ul style="list-style-type: none"> An enhanced, high energy feed containing Vpak designed to transition fingerlings from fry feed. |
| | 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 | Sturgeon Grower RAS | 44 | 18 | 2.5 | 12 | 8 | 1.3 | • | • | • | 5, 8 | <ul style="list-style-type: none"> Designed to be fed for most of the sturgeon lifecycle. The high level of quality proteins ensures good growth and meat quality. |
| | Sturgeon Finisher RAS | 48 | 12 | 2.5 | 12 | 8 | 1.3 | • | • | • | 8 | <ul style="list-style-type: none"> For the final year of feeding for caviar production. Contains extra vitamins, essential fatty acids and pigments to promote quality caviar. |

PACKAGING

Bags, Super sacks and Bulk

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

FEATURES & BENEFITS

- Formulations based on the Sturgeon's unique digestive system.
- Maximize muscle growth and minimize visceral fat deposition.
- Unique finishing formulation to optimize caviar production.
- Balanced amino acid profile.
- 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

- Highest quality marine proteins and oils
- Incorporation of fish by-products from human food processing
- 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 | Fish Size (g/fish) |
|--------------------------|--------------------|
| Meal (<0.6 mm) | 0.1 - 1 |
| #1 Crumble (0.6-0.85 mm) | 1 - 3 |
| #2 Crumble (0.85-1.2 mm) | 3 - 5 |
| 1.5 mm | 5 - 15 |
| 2.0 mm | 15 - 40 |
| 2.5 mm | 40 - 200 |
| 5.0 mm (3/16") | 200 - 1500 |
| 8.0 mm (5/16") | > 1500 |

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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