

2023 - 2024 STURGEON

While sturgeons are best known for their exquisite caviar, their meat is also absolutely delicious. Thanks to our research, Alltech Coppens can offer you the best-quality sturgeon feed.



Sinking feed



Designed for RAS



Floating feed



Sustainability score



Semi-floating feed



With astaxanthine



Free from land animal protein



Low nitrogen and phosphorus emission



High digestibility



Improved resistance



Omega-3 fatty acids



STURGEON

AQUATE™

Innovative premix in all **Alltech Coppens'** feeds.

- + Optimizes growth
- + Supports immune response
- + Optimizes digestive function
- + Contributes to mucous barrier protection
- + Contributes to external barrier protection



BIO-MOS®

is a mannan-oligosaccharide, which is known to bind and drain opportunistic bacteria. This can result in a significant improvement of the intestinal flora. Additionally, it can improve the structure and length of the microvilli in the gut through which the nutrient intake can increase. **BIO-MOS®** contributes to mucous barrier protection.

BIO-MOS®

Improves intestinal function

BIOPLEX®

is a crucial element in our new premix.

BIOPLEX® are organically bound trace elements such as zinc, copper, manganese & iron. With **BIOPLEX®** we can improve the health, growth & performance of the fish.

BIOPLEX®

Improves performance

ACTIGEN®

is derived from yeast cell walls and supports the fish's immune response. **Actigen®** furthermore optimizes growth in fish.

ACTIGEN®

Helps maintain the immune system

AQUATE™

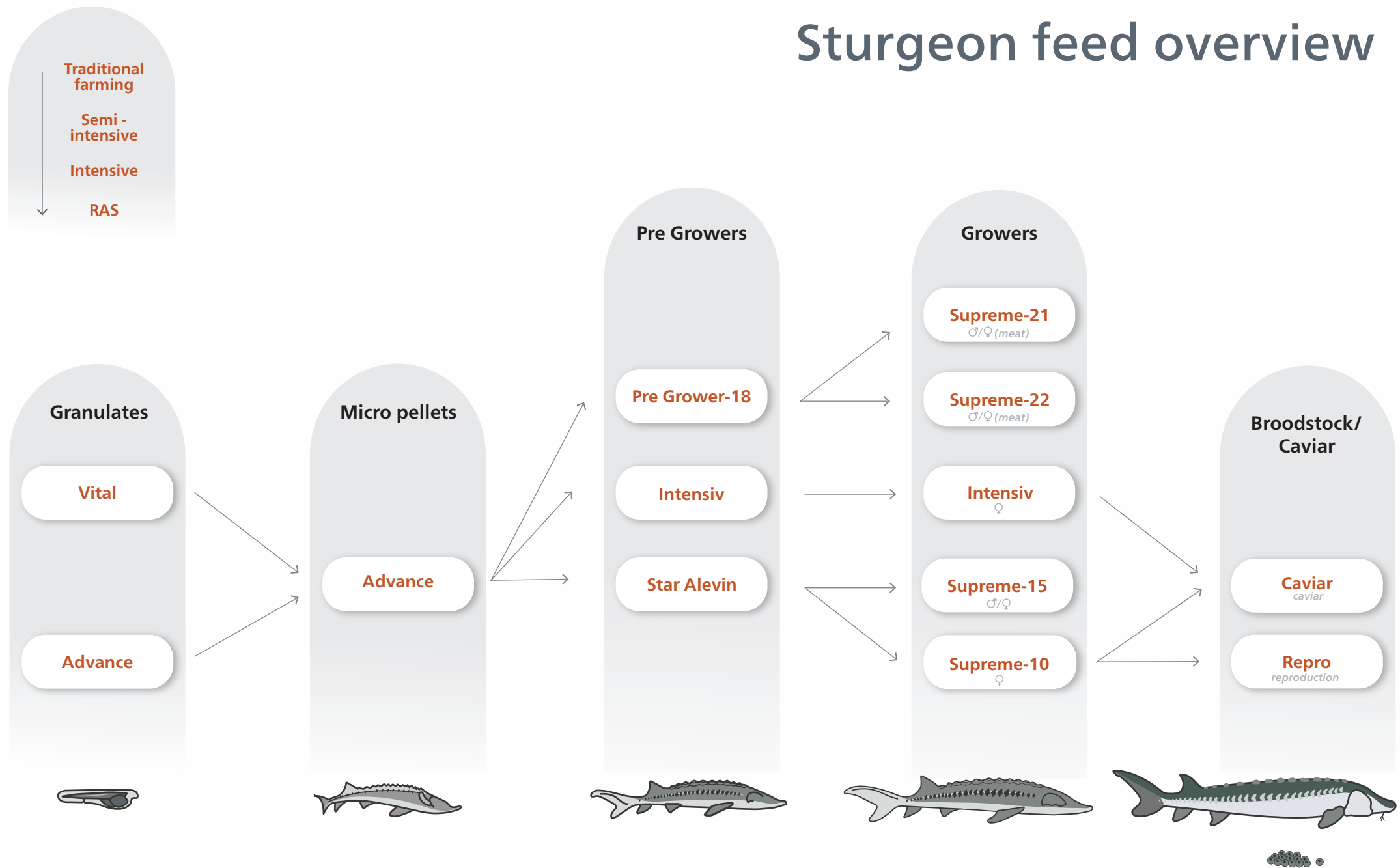
TOTAL REPLACEMENT TECHNOLOGY®

Break with tradition and feed your animals the modern way.
Alltech has proven that chelated trace minerals in the form of Bioplex® and Sel-Plex® can be included at significantly lower levels while improving animal performance. This optimizes animal mineral requirements and reduces negative environmental impacts. We call this innovation Alltech's Total Replacement Technology™ (TRT).



Alltech® COPPENS

Sturgeon feed overview



- Semi-intensive farming
- High performance
- High survival
- Medium energy starter diet



COMPOSITION:

Analyses (%)	0.2-0.3 mm	0.3-0.5 mm	0.5-0.8 mm	1.00 mm	1.5 mm
Protein	56	56	56	54	54
Fat	15	15	15	15	15
Crude fibre	0,3	0,3	0,3	0,3	0,3
Ash	11,30	11,30	11,30	11,96	11,96
Total P	1,77	1,77	1,77	1,75	1,75

Vitamins added

Vitamin A (IE/kg)	16085	16085	16085	12000	12000
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Energy (MJ/kg)

Gross Energy	21,2	21,2	21,2	20,6	20,6
Digestible Energy	19,2	19,2	19,2	19,0	19,0

FEEDING TABLE FOR OPTIMAL GROWTH

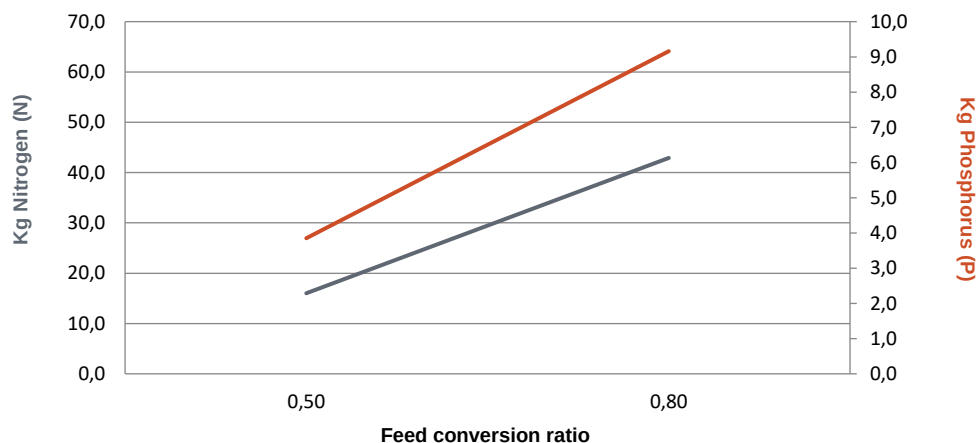
Fish weight (g)	Feed size (mm)	< 12 °C	12 °C	14 °C	16 °C	18 °C	20 °C	22 °C	24 °C	> 24 °C
< 0.2	0.2-0.3		2,66	3,22	3,89	4,71	5,69	6,89	5,58	
0.2-0.5	0.3-0.5	According to fish's appetite	2,44	2,95	3,57	4,32	5,22	6,32	5,12	According to fish's appetite & O2 level
0.5-1.5	0.5-0.8		2,18	2,64	3,19	3,86	4,67	5,65	4,58	
1.5-5.0	1.0		1,66	2,00	2,42	2,93	3,54	4,29	3,47	
5.0-10	1.0/1.5		1,33	1,61	1,95	2,35	2,85	3,44	2,79	
10-30	1.5		0,96	1,17	1,41	1,71	2,06	2,49	2,02	

* The feeding advice is expressed in % biomass/day.

* This feeding table is a guideline only and based on optimal conditions.

ECOLOGICAL FIGURES:

Discharge per 1000 kg production



The values of the nutrients and vitamins are from the time of writing.

These values can vary due to natural variation in the ingredients. We reserve the right to change our recipe.

For the exact values we refer to the label.

- Low energy starter diet
- For semi-intensive farming
- High survival



COMPOSITION:

Analyses (%)	0.2-0.5 mm	0.5-1.2 mm	1.2-2.2 mm
Protein	47	46	46
Fat	9	10	10
Crude fibre	0,9	0,9	0,9
Ash	12,0	11,9	11,9
Total P	2,07	2,05	2,05

Vitamins added

Vitamin A (IE/kg)	16670	16486	16489
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Energy (MJ/kg)

Gross Energy	19,1	19,3	19,3
Digestible Energy	16,6	16,9	16,9

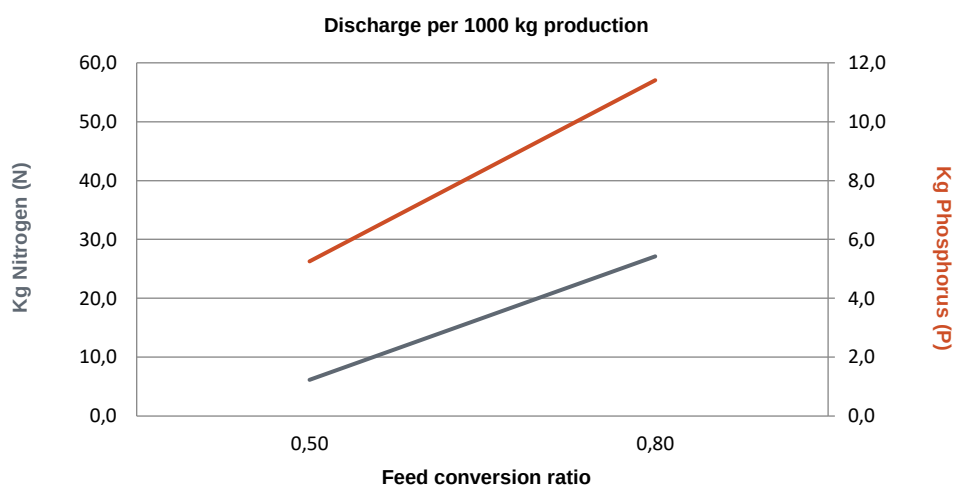
FEEDING TABLE FOR LOW FEED CONVERSION RATIO (FCR)

Fish weight (g)	Feed size (mm)	< 12 °C	12 °C	14 °C	16 °C	18 °C	20 °C	22 °C	24 °C	> 24 °C
< 0.2	0.2-0.5		3,0	3,6	4,3	5,3	6,4	7,7	6,2	
0.2-0.5	0.2-0.5	According to fish's appetite	2,7	3,3	4,0	4,8	5,8	7,1	5,7	According to fish's appetite & O2 level
0.5-1.5	0.5-1.2		2,44	2,95	3,57	4,31	5,22	6,31	5,11	
1.5-5.0	0.5-1.2		1,59	1,92	2,32	2,81	3,39	4,10	3,33	
5.0-15	1.2-2.2		1,30	1,58	1,91	2,31	2,79	3,37	2,73	

* The feeding advice is expressed in % biomass/day.

* This feeding table is a guideline only and based on optimal conditions.

ECOLOGICAL FIGURES:



The values of the nutrients and vitamins are from the time of writing.

These values can vary due to natural variation in the ingredients. We reserve the right to change our recipe.

For the exact values we refer to the label.

- For semi-intensive farming
- Good performance
- Medium energy diet



COMPOSITION:

Analyses (%)

Protein	40
Fat	10
Crude fibre	1,2
Ash	7,8
Total P	1,16

Sizes

2.0 mm

Vitamins added

Vitamin A (IE/kg)	13334
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Energy (MJ/kg)

Gross Energy	19,2
Digestible Energy	17,0

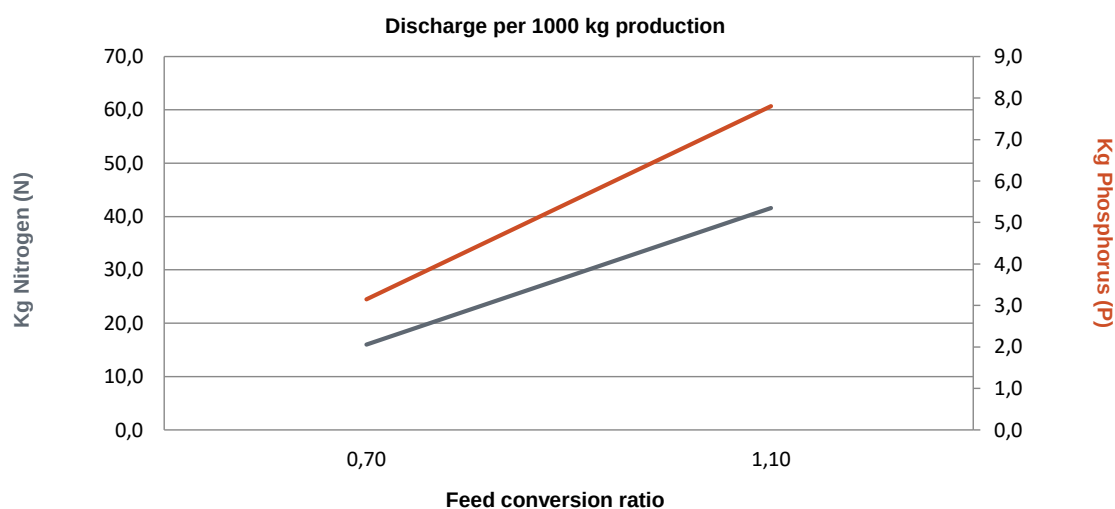
FEEDING TABLE FOR LOW FEED CONVERSION RATIO (FCR)

Fish weight (g)	Feed size (mm)	< 12 °C	12 °C	14 °C	16 °C	18 °C	20 °C	22 °C	24 °C	> 24 °C
30-50	2.0	According to fish's appetite	0,94	1,14	1,37	1,66	2,01	2,43	1,97	According to fish's appetite & O2 level
50-100	2.0		0,85	1,03	1,24	1,50	1,81	2,19	1,78	

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ECOLOGICAL FIGURES:



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For the exact values we refer to the label.

- For semi-intensive farming
- Good performance



COMPOSITION:

Analyses (%)

Protein	45	Sizes	2.0 mm
Fat	18		
Crude fibre	1,3		
Ash	9,3		
Total P	1,50		

Vitamins added

Vitamin A (IE/kg)	11877
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Energy (MJ/kg)

Gross Energy	21,2
Digestible Energy	18,9

FEEDING TABLE FOR LOW FEED CONVERSION RATIO (FCR)

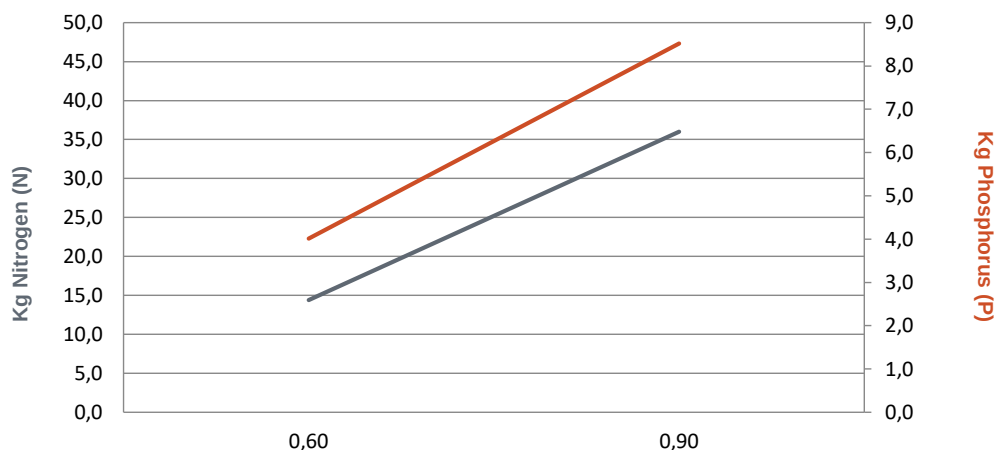
Fish weight (g)	Feed size (mm)	< 12 °C	12 °C	14 °C	16 °C	18 °C	20 °C	22 °C	24 °C	> 24 °C
30-50	2.0	According to fish's appetite	0,84	1,01	1,22	1,48	1,79	2,16	1,75	According to fish's appetite & O2 level
50-100	2.0		0,75	0,91	1,10	1,33	1,61	1,95	1,58	

* The feeding advice is expressed in % biomass/day.

* This feeding table is a guideline only and based on optimal conditions.

ECOLOGICAL FIGURES:

Discharge per 1000 kg production



Feed conversion ratio

The values of the nutrients and vitamins are from the time of writing.

These values can vary due to natural variation in the ingredients. We reserve the right to change our recipe.

For the exact values we refer to the label.

- High protein level
- High performance
- For all farming methods



COMPOSITION:

Analyses (%)

Protein	54	Sizes	2.0 mm
Fat	15		
Crude fibre	1,3		
Ash	10,0		
Total P	1,56		

Vitamins added

Vitamin A (IE/kg)	11665
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Energy (MJ/kg)

Gross Energy	20,7
Digestible Energy	18,7

FEEDING TABLE FOR LOW FEED CONVERSION RATIO (FCR)

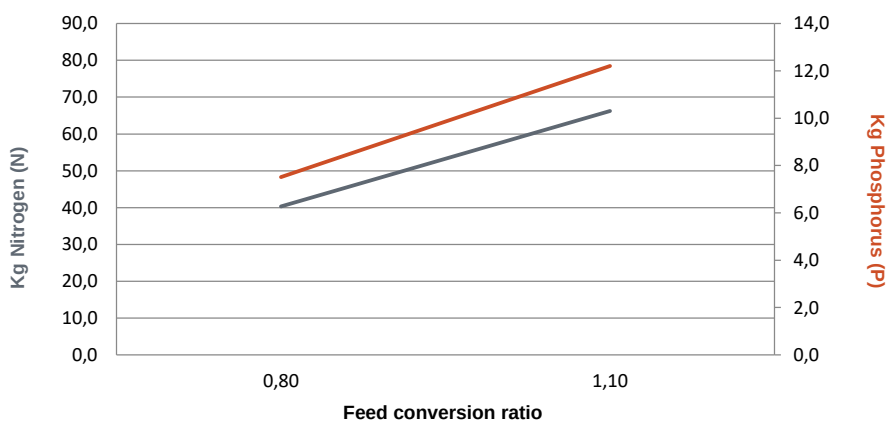
Fish weight (g)	Feed size (mm)	< 12 °C	12 °C	14 °C	16 °C	18 °C	20 °C	22 °C	24 °C	> 24 °C
30-50	2.0	According to fish's appetite	0,84	1,01	1,22	1,48	1,79	2,16	1,75	According to fish's appetite & O2 level
50-100	2.0		0,75	0,91	1,10	1,33	1,61	1,95	1,58	

* The feeding advice is expressed in % biomass/day.

* This feeding table is a guideline only and based on optimal conditions.

ECOLOGICAL FIGURES:

Discharge per 1000 kg production



The values of the nutrients and vitamins are from the time of writing.

These values can vary due to natural variation in the ingredients. We reserve the right to change our recipe.

For the exact values we refer to the label.

- High quality low fat diet
- Lean growth
- For all sturgeon species
- For caviar production



COMPOSITION:

Analyses (%)

		Sizes
Protein	49	3.0 mm
Fat	10	4.5 mm
Crude fibre	0,9	6.0 mm
Ash	11,3	9.0 mm
Total P	1,85	

Vitamins added

Vitamin A (IE/kg)	25000
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Energy (MJ/kg)

Gross Energy	19,3
Digestible Energy	17,3

FEEDING TABLE FOR LOW FEED CONVERSION RATIO (FCR)

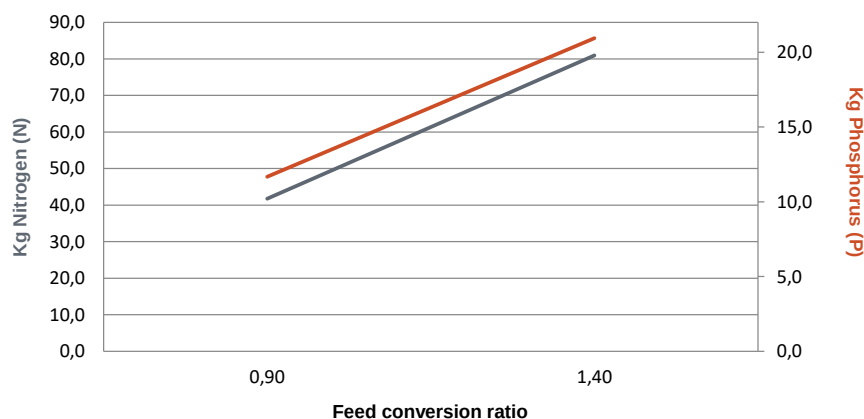
Fish weight (g)	Feed size (mm)	< 12 °C	12 °C	14 °C	16 °C	18 °C	20 °C	22 °C	24 °C	> 24 °C
100-200	3.0	According to fish's appetite	0,56	0,74	0,99	1,20	1,45	1,75	1,39	According to fish's appetite & O2 level
200-350	4.5		0,49	0,65	0,86	1,04	1,26	1,52	1,21	
350-600	4.5		0,44	0,59	0,78	0,94	1,14	1,38	1,10	
600-800	4.5		0,41	0,54	0,72	0,87	1,05	1,27	1,01	
800-1000	4.5		0,38	0,50	0,66	0,80	0,97	1,17	0,93	
1000-2000	6.0		0,33	0,44	0,58	0,71	0,85	1,03	0,82	
2000-4000	6.0		0,23	0,31	0,41	0,50	0,60	0,72	0,57	
4000-6000	6.0		0,19	0,25	0,33	0,40	0,48	0,58	0,46	
6000-8000	6.0/9.0		0,15	0,20	0,26	0,32	0,39	0,47	0,37	
8000-15000	9.0		0,09	0,12	0,16	0,19	0,23	0,27	0,22	

* The feeding advice is expressed in % biomass/day.

* This feeding table is a guideline only and based on optimal conditions.

ECOLOGICAL FIGURES:

Discharge per 1000 kg production



The values of the nutrients and vitamins are from the time of writing.

These values can vary due to natural variation in the ingredients. We reserve the right to change our recipe.

For the exact values we refer to the label.

- Medium energy diet
- High performance
- For all sturgeon species
- For meat and caviar production



COMPOSITION:

Analyses (%)		Sizes
Protein	46	3.0 mm
Fat	15	4.5 mm
Crude fibre	1,6	6.0 mm
Ash	8,1	9.0 mm
Total P	1,06	

Vitamins added

Vitamin A (IE/kg)	10000
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Energy (MJ/kg)

Gross Energy	20,6
Digestible Energy	18,1

Supreme-15 CAVIAR

FEEDING TABLE FOR LOW FEED CONVERSION RATIO (FCR)

Fish weight (g)	Feed size (mm)	< 12 °C	12 °C	14 °C	16 °C	18 °C	20 °C	22 °C	24 °C	> 24 °C
100-200	3.0	According to fish's appetite	0,53	0,70	0,94	1,13	1,37	1,65	1,31	According to fish's appetite & O2 level
200-350	4.5		0,46	0,61	0,81	0,98	1,19	1,44	1,14	
350-600	4.5		0,42	0,56	0,74	0,89	1,08	1,31	1,04	
600-800	4.5		0,38	0,51	0,68	0,82	0,99	1,20	0,95	
800-1000	4.5		0,36	0,47	0,63	0,76	0,92	1,11	0,88	
1000-2000	6.0		0,31	0,42	0,55	0,67	0,81	0,98	0,78	
2000-4000	6.0		0,22	0,29	0,39	0,47	0,57	0,68	0,54	
4000-6000	6.0		0,18	0,23	0,31	0,37	0,45	0,55	0,43	
6000-8000	6.0/9.0		0,14	0,19	0,25	0,30	0,36	0,44	0,35	
8000-15000	9.0		0,08	0,11	0,15	0,18	0,21	0,26	0,21	

Supreme-15 MEAT

FEEDING TABLE FOR OPTIMAL GROWTH

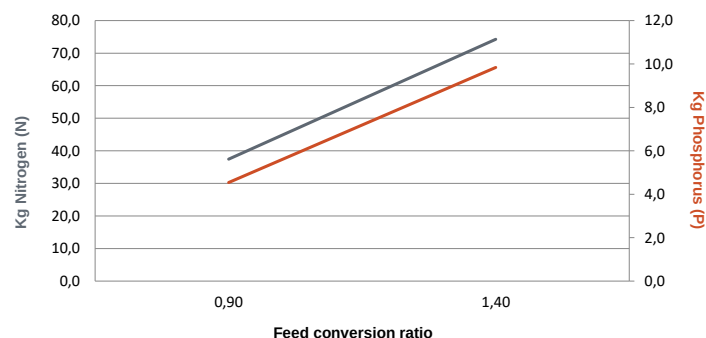
Fish weight (g)	Feed size (mm)	< 12 °C	12 °C	14 °C	16 °C	18 °C	20 °C	22 °C	24 °C	> 24 °C
100-200	3.0	According to fish's appetite	0,53	0,70	0,94	1,13	1,37	1,65	1,31	According to fish's appetite & O2 level
200-350	4.5		0,46	0,61	0,81	0,98	1,19	1,44	1,14	
350-600	4.5		0,42	0,56	0,74	0,89	1,08	1,31	1,04	
600-800	4.5		0,38	0,51	0,68	0,82	0,99	1,20	0,95	
800-1000	4.5		0,36	0,47	0,63	0,76	0,92	1,11	0,88	
1000-1500	6.0		0,33	0,44	0,58	0,70	0,85	1,03	0,82	
1500-2500	6.0		0,30	0,40	0,53	0,64	0,77	0,93	0,74	
2500-4000	6.0		0,27	0,36	0,48	0,58	0,70	0,85	0,67	
4000-6000	6.0/9.0		0,25	0,33	0,44	0,53	0,64	0,77	0,61	
6000-8000	9.0		0,23	0,31	0,41	0,50	0,60	0,73	0,58	

* The feeding advice is expressed in % biomass/day.

* This feeding table is a guideline only and based on optimal conditions.

ECOLOGICAL FIGURES:

Discharge per 1000 kg production



The values of the nutrients and vitamins are from the time of writing.
 These values can vary due to natural variation in the ingredients. We reserve the right to change our recipe.
 For the exact values we refer to the label.

- Medium-high energy diet
- For semi-intensive farming
- Good performance
- High flesh quality
- For meat production



COMPOSITION:

Analyses (%)

		Sizes
Protein	39 - 41	3.0 mm
Fat	19 - 22	4.5 mm
Crude fibre	1 - 2	6.0 mm
Ash	4 - 8	
Total P	0,81	

Vitamins added

Vitamin A (IE/kg)	8936
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Energy (MJ/kg)

Gross Energy	21.2 - 23.2
Digestible Energy	18.8 - 19.2

FEEDING TABLE FOR OPTIMAL GROWTH

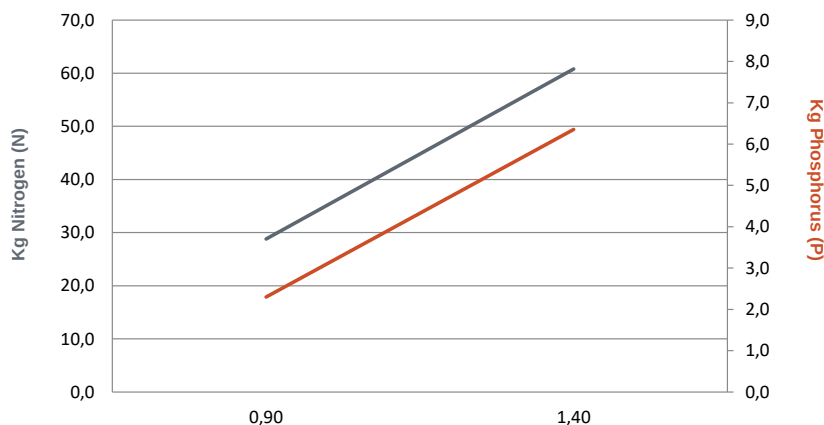
Fish weight (g)	Feed size (mm)	< 12 °C	12 °C	14 °C	16 °C	18 °C	20 °C	22 °C	24 °C	> 24 °C
100-200	3.0		0,52	0,69	0,91	1,10	1,33	1,61	1,28	
200-350	4.5	According to fish's appetite	0,45	0,60	0,79	0,96	1,16	1,40	1,11	According to fish's appetite & O2 level
350-600	4.5		0,41	0,54	0,72	0,87	1,05	1,27	1,01	
600-800	4.5		0,37	0,50	0,66	0,80	0,97	1,17	0,93	
800-1000	4.5		0,35	0,46	0,61	0,74	0,89	1,08	0,86	
1000-1500	6.0		0,32	0,43	0,57	0,68	0,83	1,00	0,79	
1500-2500	6.0		0,29	0,39	0,51	0,62	0,75	0,91	0,72	
2500-4000	6.0		0,26	0,35	0,47	0,56	0,68	0,82	0,65	
4000-6000	6.0		0,24	0,32	0,43	0,52	0,62	0,75	0,60	
6000-8000	6.0		0,23	0,30	0,40	0,49	0,59	0,71	0,56	

* The feeding advice is expressed in % biomass/day.

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ECOLOGICAL FIGURES:

Discharge per 1000 kg production



Feed conversion ratio

The values of the nutrients and vitamins are from the time of writing.

These values can vary due to natural variation in the ingredients. We reserve the right to change our recipe.

For the exact values we refer to the label.

- High energy diet
- Fast and efficient growth
- For meat production



COMPOSITION:

Analyses (%)

		Sizes
Protein	43 - 45	3.0 mm
Fat	20 - 23	4.5 mm
Crude fibre	1 - 2	6.0 mm
Ash	4 - 8	
Total P	0,82	

Vitamins added

Vitamin A (IE/kg)	9138
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Energy (MJ/kg)

Gross Energy	21.4 - 23.4
Digestible Energy	19.2 - 19.5

FEEDING TABLE FOR OPTIMAL GROWTH

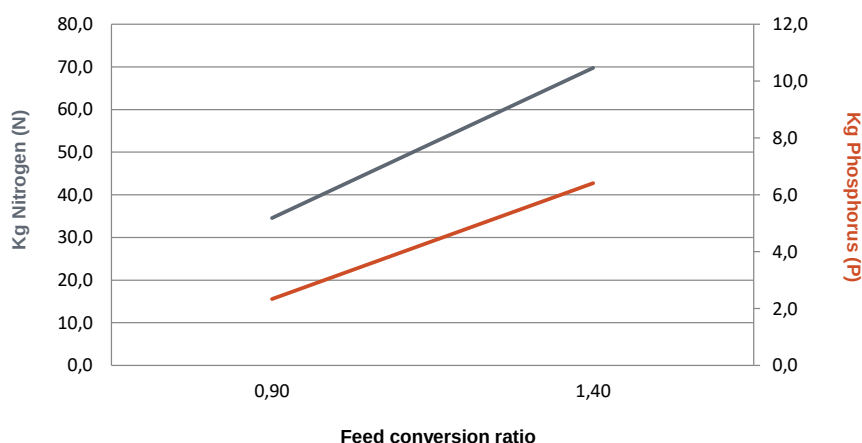
Fish weight (g)	Feed size (mm)	< 12 °C	12 °C	14 °C	16 °C	18 °C	20 °C	22 °C	24 °C	> 24 °C
100-200	3.0		0,51	0,67	0,89	1,08	1,31	1,58	1,26	
200-350	4.5	According to fish's appetite	0,44	0,59	0,78	0,94	1,14	1,38	1,09	According to fish's appetite & O2 level
350-600	4.5		0,40	0,53	0,71	0,85	1,03	1,25	0,99	
600-800	4.5		0,37	0,49	0,65	0,78	0,95	1,15	0,91	
800-1000	4.5		0,34	0,45	0,60	0,73	0,88	1,06	0,84	
1000-1500	6.0		0,31	0,42	0,56	0,67	0,81	0,98	0,78	
1500-2500	6.0		0,28	0,38	0,50	0,61	0,74	0,89	0,71	
2500-4000	6.0		0,26	0,34	0,46	0,55	0,67	0,81	0,64	
4000-6000	6.0		0,24	0,31	0,42	0,51	0,61	0,74	0,59	
6000-8000	6.0		0,22	0,30	0,39	0,48	0,58	0,70	0,55	

* The feeding advice is expressed in % biomass/day.

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ECOLOGICAL FIGURES:

Discharge per 1000 kg production



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These values can vary due to natural variation in the ingredients. We reserve the right to change our recipe.

For the exact values we refer to the label.

- For semi-intensive farming
- Good performance
- Medium energy diet
- For caviar production



COMPOSITION:

Analyses (%)	3.0	4.5-9.0	Sizes
Protein	40	40	3.0 mm
Fat	10	10	4.5 mm
Crude fibre	2,4	2,5	6.0 mm
Ash	9,6	10,8	9.0 mm
Total P	1,35	1,42	

Vitamins added

Vitamin A (IE/kg)	10002
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Energy (MJ/kg)

Gross Energy	18,8
Digestible Energy	15,5

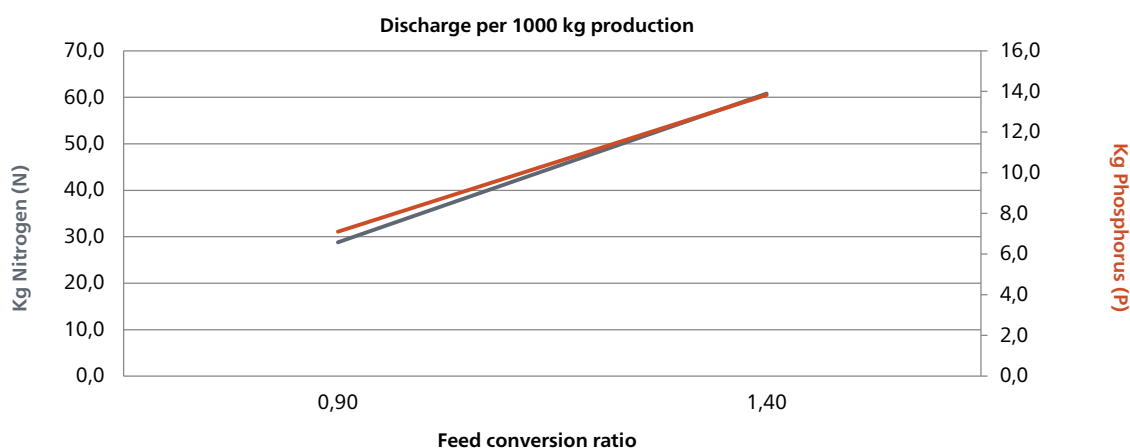
FEEDING TABLE FOR LOW FEED CONVERSION RATIO (FCR)

Fish weight (g)	Feed size (mm)	< 12 °C	12 °C	14 °C	16 °C	18 °C	20 °C	22 °C	24 °C	> 24 °C
100-200	3.0	According to fish's appetite	0,60	0,79	1,06	1,28	1,54	1,87	1,48	According to fish's appetite & O2 level
200-350	4.5		0,52	0,69	0,92	1,11	1,34	1,62	1,29	
350-600	4.5		0,47	0,63	0,83	1,01	1,22	1,47	1,17	
600-800	4.5		0,43	0,58	0,76	0,92	1,12	1,35	1,07	
800-1000	4.5		0,40	0,53	0,71	0,86	1,04	1,25	1,00	
1000-2000	6.0		0,35	0,47	0,62	0,75	0,91	1,10	0,88	
2000-4000	6.0		0,25	0,33	0,44	0,53	0,64	0,77	0,61	
4000-6000	6.0		0,20	0,26	0,35	0,42	0,51	0,62	0,49	
6000-8000	6.0/9.0		0,16	0,21	0,28	0,34	0,41	0,50	0,40	
8000-15000	9.0		0,09	0,12	0,17	0,20	0,24	0,29	0,23	

* The feeding advice is expressed in % biomass/day.

* This feeding table is a guideline only and based on optimal conditions.

ECOLOGICAL FIGURES:



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These values can vary due to natural variation in the ingredients. We reserve the right to change our recipe.

For the exact values we refer to the label.

- High quality low fat diet
- Very good caviar quality
- For all sturgeon species
- For caviar production



COMPOSITION:

Analyses (%)

		Sizes
Protein	50	8.0 mm
Fat	12	
Crude fibre	1,0	
Ash	10,8	
Total P	1,71	

Vitamins added

Vitamin A (IE/kg)	25003
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Energy (MJ/kg)

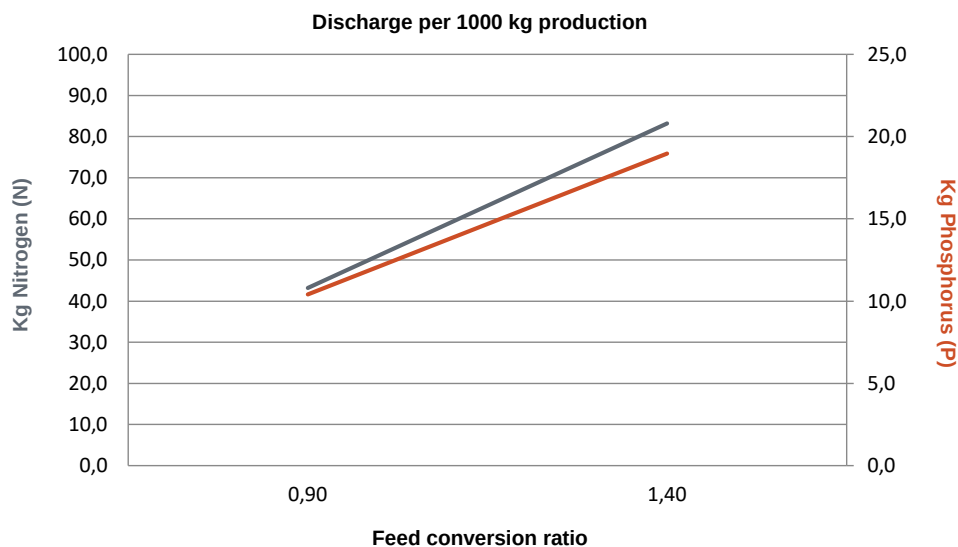
Gross Energy	19,7
Digestible Energy	17,5

FEEDING TABLE FOR LOW FEED CONVERSION RATIO (FCR)

Fish weight (g)	Feed size (mm)	< 12 °C	12 °C	14 °C	16 °C	18 °C	20 °C	22 °C	24 °C	> 24 °C
2000-4000	8.0		0,22	0,30	0,40	0,48	0,58	0,70	0,56	
4000-6000	8.0	According to fish's appetite	0,18	0,24	0,32	0,38	0,46	0,56	0,44	According to fish's appetite & O2 level
6000-8000	8,0		0,14	0,19	0,25	0,31	0,37	0,45	0,36	

* The feeding advice is expressed in % biomass/day.

* This feeding table is a guideline only and based on optimal conditions.



The values of the nutrients and vitamins are from the time of writing.

These values can vary due to natural variation in the ingredients. We reserve the right to change our recipe.

For the exact values we refer to the label.

- Broodstock diet
- Optimal egg development
- High egg quality and fry survival



COMPOSITION:

Analyses (%)

Protein	48	Sizes	6.0 mm
Fat	15		9.0 mm
Crude fibre	1,2		
Ash	8,9		
Total P	1,36		
Astaxanthin (mg/kg)	40		

Vitamins added

Vitamin A (IE/kg)	24998
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Energy (MJ/kg)

Gross Energy	20,7
Digestible Energy	18,5

FEEDING TABLE FOR LOW FEED CONVERSION RATIO (FCR)

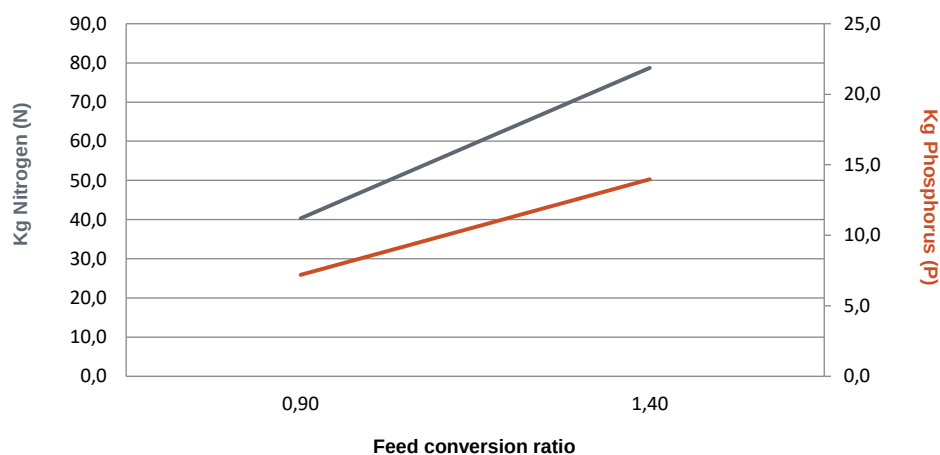
Fish weight (g)	Feed size (mm)	< 12 °C	12 °C	14 °C	16 °C	18 °C	20 °C	22 °C	24 °C	> 24 °C
1000-2000	6.0		0,32	0,43	0,57	0,69	0,84	1,01	0,80	
2000-4000	6.0	According to fish's appetite	0,23	0,30	0,40	0,48	0,59	0,71	0,56	According to fish's appetite & O2 level
4000-6000	6.0		0,18	0,24	0,32	0,39	0,47	0,57	0,45	
6000-8000	6.0-9.0		0,15	0,19	0,26	0,31	0,38	0,46	0,36	
8000-15000	9.0		0,09	0,11	0,15	0,18	0,22	0,27	0,21	

* The feeding advice is expressed in % biomass/day.

* This feeding table is a guideline only and based on optimal conditions.

ECOLOGICAL FIGURES:

Discharge per 1000 kg production



The values of the nutrients and vitamins are from the time of writing.

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