



PIKEPERCH DAN-EX 1352

Fully extruded fry feed

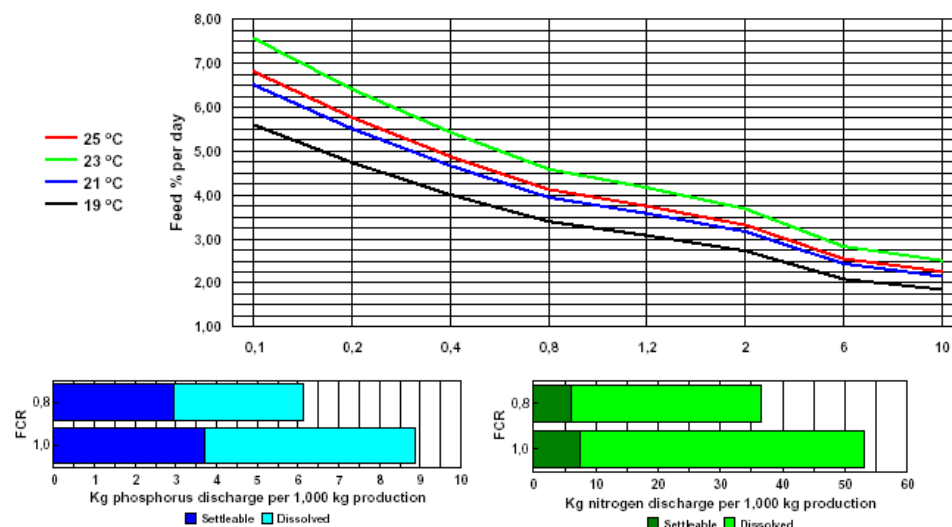
A low fat starter feed. Specially selected marine protein sources ensure a good flavour which in combination with the extrusion technique ensures high digestibility. The amino acid profile is adapted to the requirements of the fish and ensures sound growth and feed utilization despite the reduced energy level.

Characteristics	Low	Medium	High
Amino acid adaptation			
Protein digestibility			
Marine raw materials			
Growth potential			
Environm. friendliness N			
Environm. friendliness P			
LT fish meal			

Raw materials	Additives
Fish products	Vitamin A 1 I.U. / g
Cereal grains	Vitamin D 250 I.U. / kg
Oils and fats	Vitamin E 400 mg / kg
Pre-mix	
	Cu 12 mg / kg

Pellet size (mm)	0,4 GR	0,6 GR	1,0 GR	1,3 GR	1,8 GR	1,0 P	1,2 P	1,5 P
Declaration %								
Crude protein min.	52,0	52,0	52,0	52,0	52,0	52,0	52,0	52,0
Crude oils and fats min.	13,0	13,0	13,0	13,0	13,0	13,0	13,0	13,0
Carbohydrates	17,0	17,0	17,0	17,0	17,0	17,0	17,0	17,0
Fibre max.	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Crude ash max.	10,3	10,3	10,3	10,3	10,3	10,3	10,3	10,3
Phosphorus max.	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Energy calculation								
Gross energy kcal	4921	4921	4921	4921	4921	4921	4921	4921
Metabolisable energy kcal	3921	3921	3921	3921	3921	3921	3921	3921
Metabolisable energy MJ	16,4	16,4	16,4	16,4	16,4	16,4	16,4	16,4
Fish size								
Weight g	0,2	0,6	1,5	3,0	6,0	1,5	3,0	6,0

Feeding guide



DANA FEED A/S

Havnen 13, DK-8700 Horsens, Tel: +45 75 61 12 00 Fax: +45 75 62 43 98
www.danafeed.dk E-mail: df@danafeed.dk



PIKEPERCH DAN-EX 1362

Fully extruded fry feed

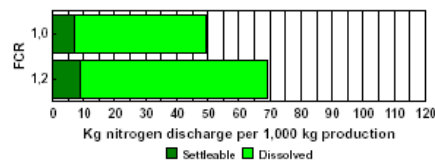
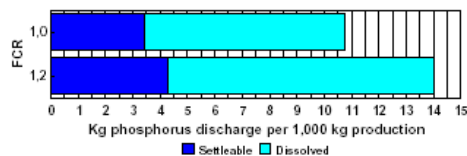
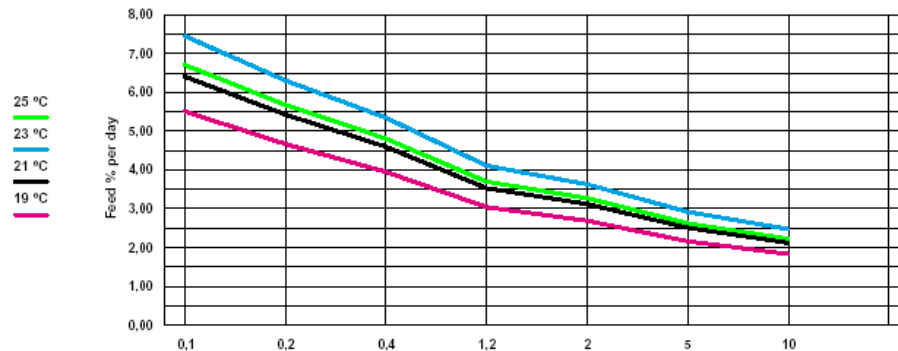
A feed with high digestibility, based on the very best raw materials of marine origin. Great importance has been ascribed to palatability, which together with a high protein content ensures maximal growth and survival during the early life stages.

Characteristics	Low	Medium	High
Amino acid adaptation			
Protein digestibility			
Marine raw materials			
Growth potential			
Environm. friendliness N			
Environm. friendliness P			
LT fish meal			

Raw materials	Additives
Fish products	Vitamin A 1 I.U. / g
Cereal grains	Vitamin D 250 I.U. / kg
Oils and fats	Vitamin E 400 mg / kg
Pre-mix	Cu 12 mg / kg

Pellet size (mm)	0,4 GR	0,6 GR	1,0 GR	1,3 GR	1,8 GR
Declaration					
Crude protein min.	63,0	62,0	62,0	62,0	62,0
Crude oils and fats min.	11,0	13,0	13,0	13,0	13,0
Carbohydrates	7,0	7,0	7,0	7,0	7,0
Fibre max.	0,8	0,8	0,8	0,8	0,8
Crude ash max.	11,6	11,6	11,6	11,6	11,6
Phosphorus max.	1,6	1,6	1,6	1,6	1,6
Energy calculation					
Gross energy kcal	4919	5051	5051	5051	5051
Metabolisable energy kcal	3847	3979	3979	3979	3979
Metabolisable energy MJ	16,1	16,7	16,7	16,7	16,7
Fish size					
Weight g	0,1	0,6	1,0	2,0	6,0

Feeding guide



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Havnen 13, DK-8700 Horsens, Tel: +45 75 61 12 00 Fax: +45 75 62 43 98
www.danafeed.dk E-mail: df@danafeed.dk



PIKEPERCH DAN-EX 1562

Fully extruded grower feed

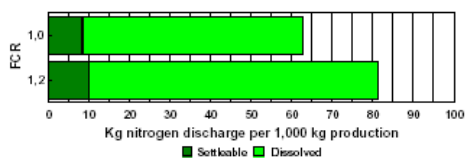
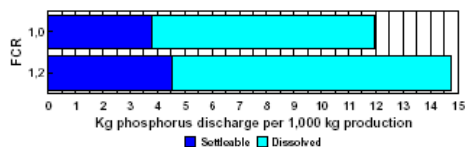
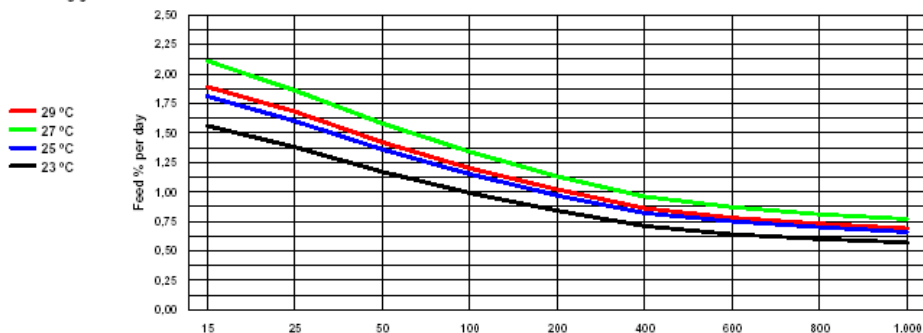
A feed based on first class marine raw materials to ensure high digestibility and palatability. The high protein content ensures the best possible utilisation of the growth potential in pike perch.

Characteristics	Low	Medium	High
Amino acid adaptation			
Protein digestibility			
Marine raw materials			
Growth potential			
Environm. friendliness N			
Environm. friendliness P			
LT fish meal			

Raw materials	Additives
Fish products	Vitamin A 0,7 I.U. / g
Cereal grains	Vitamin D 114 I.U. / kg
Oils and fats	Vitamin E 182 mg / kg
Pre-mix	Cu 5,5 mg / kg

Pellet size (mm)	1,5	2	3	4	5	7	9	11	13	15
Declaration	%									
Crude protein min.	58,0	58,0	58,0	54,0	54,0	54,0	54,0	54,0	54,0	54,0
Crude oils and fats min.	15,0	15,0	15,0	18,0	18,0	18,0	18,0	18,0	18,0	18,0
Carbohydrates	10,5	10,5	10,5	10,5	10,5	10,5	10,5	10,5	10,5	10,5
Fibre max.	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9
Crude ash max.	9,9	9,9	9,9	9,9	9,9	9,9	9,9	9,9	9,9	9,9
Phosphorus max.	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5
Energy calculation										
Gross energy kcal	5162	5162	5162	5219	5219	5219	5219	5219	5219	5219
Metabolisable energy kcal	4111	4111	4111	4187	4187	4187	4187	4187	4187	4187
Metabolisable energy MJ	17,2	17,2	17,2	17,5	17,5	17,5	17,5	17,5	17,5	17,5
Fish size										
Weight g	10	25	50	100	200	400	700	1000	2500	4000

Feeding guide



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Havnen 13, DK-8700 Horsens, Tel: +45 75 61 12 00 Fax: +45 75 62 43 98
www.danafeed.dk E-mail: df@danafeed.dk



PIKEPERCH DAN-EX 1750

Fully extruded grower feed

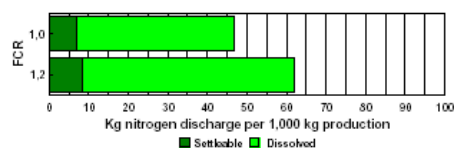
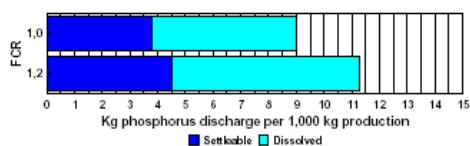
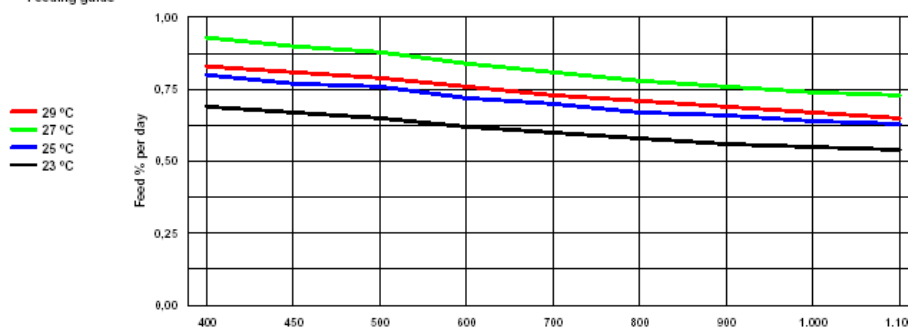
A feed where a balanced selection of raw materials secures good growth and feed utilisation.

Characteristics	Low	Medium	High
Amino acid adaptation			
Protein digestibility			
Marine raw materials			
Growth potential			
Environm. friendliness N			
Environm. friendliness P			
LT fish meal			

Raw materials	Additives
Fish products	Vitamin A 0,7 I.U. / g
Oil seed products and by-products	Vitamin D 114 I.U. / kg
Cereal grains	Vitamin E 182 mg / kg
Oils and fats	
Pre-mix	Cu 5,5 mg / kg

Pellet size (mm)					5	7	9	11	13	
Declaration	%									
Crude protein	min.				50,0	50,0	50,0	50,0	50,0	
Crude oils and fats	min.				17,0	17,0	17,0	17,0	17,0	
Carbohydrates					16,4	16,4	16,4	16,4	16,4	
Fibre	max.				1,8	1,8	1,8	1,8	1,8	
Crude ash	max.				7,8	7,8	7,8	7,8	7,8	
Phosphorus	max.				1,3	1,3	1,3	1,3	1,3	
Energy calculation										
Gross energy	kcal				5106	5106	5106	5106	5106	
Metabolisable energy	kcal				4031	4031	4031	4031	4031	
Metabolisable energy	kJ				17,0	17,0	17,0	17,0	17,0	
Fish size										
Weight	g				200	400	700	1.000	2.500	

Feeding guide



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Havnen 13, DK-8700 Horsens, Tel: +45 75 61 12 00 Fax: +45 75 62 43 98
www.danafeed.dk E-mail: df@danafeed.dk

05.2006





PIKEPERCH DAN-EX 1948

Fully extruded grower feed

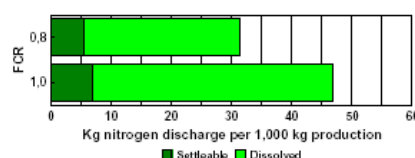
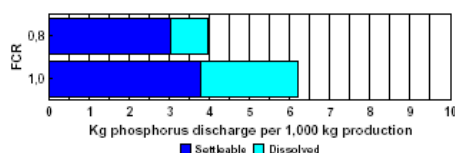
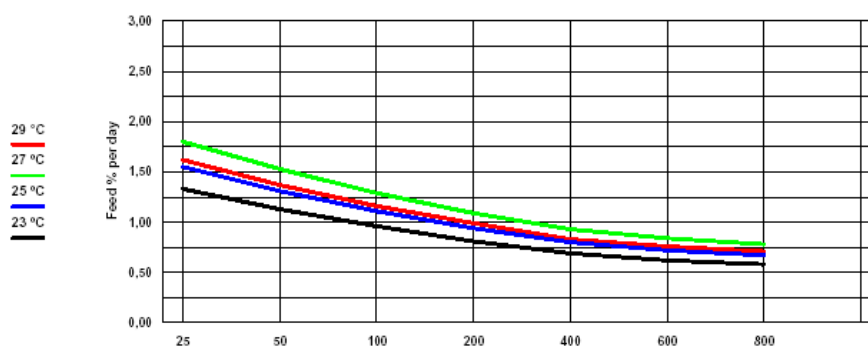
DAN-EX 1948 is developed specially with focus on a good production economy concurrent with selected protein sources ensuring a balanced amino acid profile.

Characteristics	Low	Medium	High
Amino acid adaptation			
Protein digestibility			
Marine raw materials			
Growth potential			
Environm. friendliness N			
Environm. friendliness P			
LT fish meal			

Raw materials	Additives
Fish products	Vitamin A 0,4 I.U. / g
Oil seed products and by-products	Vitamin D 100 I.U. / kg
Cereal grains	Vitamin E 160 mg / kg
Oils and fats	
Pre-mix	Cu 4,8 mg / kg

Pellet size (mm)	2	3	4	5	7	9
Declaration %						
Crude protein min.	48,0	48,0	48,0	48,0	48,0	48,0
Crude oils and fats min.	19,0	19,0	19,0	19,0	19,0	19,0
Carbohydrates min.	16,7	16,7	16,7	16,7	16,7	16,7
Fibre max.	1,6	1,6	1,6	1,6	1,6	1,6
Crude ash max.	9,2	9,2	9,2	9,2	9,2	9,2
Phosphorus max.	0,9	0,9	0,9	0,9	0,9	0,9
Energy calculation						
Gross energy kcal	5258	5258	5258	5258	5258	5258
Metabolisable energy kcal	4264	4264	4264	4264	4264	4264
Metabolisable energy MJ	17,9	17,9	17,9	17,9	17,9	17,9
Fish size						
Length cm	13	20	27	36	42	46
Weight g	25	100	250	600	1000	1250

Feeding guide



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Havnen 13, DK-8700 Horsens, Tel: +45 75 61 12 00 Fax: +45 75 62 43 98
www.danafeed.dk E-mail: df@danafeed.dk



TroCo PRE GROWER-16/20 EX

Extruded High Energy Trout Pre Grower

TroCo PRE GROWER-16/20 EX is a line of 2 extruded High Energy Pre Grower feeds for trout.

- TroCo PRE GROWER is based on LT fishmeal
- TroCo PRE GROWER EX is very suitable for changing from starter feed to a high energy grower feed and has an elevated vitamine level.

Analysis: PRE GROWER-16 PRE GROWER-20

Product code	4916421	4983421
Crude Protein	46.0%	48.0%
Crude Fat	16.0%	20.0%
NFE	19.0%	12.9%
Crude Fibre	1.0%	0.8%
Ash	10.0%	10.3%

Size (range):

2.0 (2.0-2.5 mm)

Energy:

	Mj	Mcal.	Mj	Mcal.
Gross	20.6	4.9	21.6	5.2
Digestible	18.9	4.5	19.9	4.8
Metabolisable	16.8	4.0	17.6	4.2

Vitamins:

A	22,500 IU/kg
D3	2,500 IU/kg
E	200 mg/kg
C (stable)	300 mg/kg

FEEDING TABLE

kg feed / 100 kg fish / day

Product code
Fish size (grams)
Fish length (cm)
Feed size (mm)
< 6 °C
6 – 8 °C
8 – 10 °C
10 – 12 °C
12 – 14 °C
14 – 16 °C
16 – 18 °C
18 – 20 °C
> 20 °C

PRE GROWER-16

4916421	
10 - 20	20 - 35
10 - 13	13 - 15
according to fish	
0.8	0.7
1.2	1.1
1.3	1.2
1.5	1.4
1.7	1.6
1.9	1.8
2.0	1.9
1.5	1.4
according to fish	

PRE GROWER-20

4983421	
10 - 20	20 - 35
10 - 13	13 - 15
requirements	
0.8	0.7
1.1	1.0
1.2	1.1
1.4	1.3
1.6	1.5
1.8	1.7
1.9	1.8
1.4	1.3
requirements	

Note: Feeding table should be used as a guideline

13-1-05

P.O. Box 534 • 5700 AM Helmond • The Netherlands • Chamber of Commerce Eindhoven no. 17078648 • Tel: +31 492 53 12 22 • Fax: +31 492 53 12 20 •

E-mail: info@coppens-int.com website: www.coppens-int.com • Bank Netherlands ABN AMRO Bank 52.77.75.282 Swift: ABNANL2A • IBAN:

NL08ABNA052775282 • VAT NL801556272B01

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Bank UK: ABN AMRO Bank 40.12.34.99 • SWIFT: ABNAGB2L • Sorting code 40-50-30 • IBAN : GB34ABNA40503040123499

Bank Belgium : ABN AMRO Bank 723-5402711-51 • SWIFT : ABNABEBR • IBAN : BE75723540271151

On all our operations the General Conditions, deposited under number 5091/98 on 10 November 1998 at the Chamber of Commerce Eindhoven, are applicable



KarpiCo PRE GROWER-12 EX

Extruded Carp Pre Grower

KarpiCo PRE GROWER-12 EX is an extruded pre grower feed for carp.

- KarpiCo PRE GROWER-12 EX is very appropriate for changing from starter feed to grower feed.
- The size of the pellet and the percentage of protein makes the change of feed easy.
- KarpiCo PRE GROWER-12 EX contains high quality fishmeal and fish oil.

Analysis:

Crude Protein	45.0%
Crude Fat	12.0%
Crude Fibre	1.0%
Ash	10.0%

Code:

4966429

Size: (range)

2.0 (1.8 – 2.7 mm)

Vitamins:

Vitamin A	22,500 IU/kg
Vitamin D3	2,500 IU/kg
Vitamin E	200 mg/kg
Vitamin C (stable)	300 mg/kg

Energy:

Gross	19.8 MJ	4.7 Mcal.
Digestible	17.9 MJ	4.3 Mcal.
Metabolisable	15.8 MJ	3.8 Mcal.

FEEDING TABLE

kg feed/100 kg fish/day

Fish size (grams)	15 - 25	25 - 50
Fish length (cm)	10 - 13	13 - 15
Feed size (mm)	2.0	2.0
< 10 °C	Feed according to appetite	
10 – 12 °C	2.0	1.5
12 – 14 °C	2.6	2.0
14 – 16 °C	2.8	2.6
16 – 18 °C	3.6	2.8
18 – 20 °C	4.3	3.6
20 – 22 °C	4.9	4.3
22 – 24 °C	5.6	4.9
24 – 26 °C	6.4	5.4
> 26 °C	Feed according to appetite	

Note: Feeding table should be used as a guideline
12-1-05

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Skretting has been supplying Scottish and Irish salmon farms with innovative feeds since the inception of the industry. We have pioneered some of the major advances in salmon feeding and nowadays, the most comprehensive range of diets is available to suit all needs whatever the objectives of the farmer. From low-volume specialty diets for fry to high-volume on-growing feeds, we aim to deliver the lowest feed cost per kilo healthy growth for a given flesh quality.

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Skretting has been supplying the UK and Ireland's trout farms with customised feeds fully meeting the many and varied needs of the market for several decades. Our priority is to recognise the needs of the individual farm and then to deliver the most cost-effective solution for the farmer.

Fry and fingerling feeds

Achieving a good start from first-feeding is vital to the profitability of both fingerling producer and on-grower alike. Skretting's ranges of starter feeds are designed to deliver fast growth rates, healthy fry and good fish size distribution.

Nutra Trout Fry

For Dependable Performance

Nutra Trout Fry is Skretting's original and well-proven crumbed starter feed for trout. Formulated with highly digestible and palatable ingredients, Nutra Trout Fry

has been tested under a wide range of commercial conditions and has been shown to deliver good all-round performance. Nutra Trout Fry is recommended for 'Traditional' producers.

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Freshwater feeds

Achieving a good start from first-feeding is vital to the profitability of both smolt producer and on-grower alike. Skretting's ranges of freshwater feeds are designed to deliver fast growth rates, healthy fry and good fish size distribution. There are distinct ranges for 'traditional' producers where fast growth is not top priority and 'Fast Track' producers who are aiming for the ultimate in performance. All of Skretting's freshwater salmon feeds are compliant with feed standards set for TQM and Label Rouge production.

Nutra Salmon Fry

For 'Traditional' Producers

Nutra Salmon Fry is Skretting's original and well-proven crumbed starter feed for salmon. Nutra Salmon Fry has been widely tested under a wide range of commercial conditions and has been shown to deliver predictably good all-round performance. This product should be considered as the best alternative to Nutra ST where fast growth rates are not the main objective of the hatchery manager. When fry have reached 5 g, 'traditional' producers can choose to stay with Nutra Salmon Fry up to the point of seawater transfer or to switch to Nutra Parr as an alternative.

Nutra Parr

For 'Traditional' Producers

Nutra Parr is a range of extruded small pellets for young salmon which can be considered as an alternative to Nutra Salmon Fry for producers preferring a pellet to a crumb. Nutra Parr can be used from 5 g up to the point of seawater transfer. Nutra Parr is formulated with highly digestible and palatable ingredients and will provide a good, economic all-round performance but, for the best performance, Nutra Olympic mini-pellets should be the feed of choice.

Nutra ST

Nutritional Excellence for 'Fast Track' Producers

Nutra ST is the first stage in Skretting's 'Fast Track' strategy for smolt production. Nutra ST can be used from first-feeding up to 5-7 g. Nutra ST uses low-temperature extrusion techniques and an advanced formulation to deliver high dietary palatability, a high 'protein value', and maximum digestibility. The benefits to growth and FCR conferred by this unique combination of nutritional and physical characteristics is measurable.

Nutra Olympic

Nutritional Excellence for 'Fast Track' Producers

Nutra Olympic is the second stage in Skretting's 'Fast Track' strategy for smolt production and is the product of choice after Nutra ST when fish have reached 5 g. Smolt farmers producing Søs or large smolts and wishing to achieve rapid growth rates are advised to use Nutra Olympic mini-pellets.

The nutritional basis for Nutra Olympic's enhanced performance is founded upon innovative research from Nutreco ARC which has resulted in a unique formulation delivering measurable improvements in performance.

Transfer Xtra

Versatile Feed for Promoting Smooth Seawater Adaptation

The benefits accruing from a smooth, stress-free transfer to seawater cannot be emphasized enough. Transfer Xtra is designed to assist the process of seawater adaptation and as such is a 'functional feed' for both parr and smolts. Transfer Xtra is designed to be used just before and just after seawater transfer so that smolts can benefit from the special ingredients included in the feed at the right time.

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Nutra HP

Fry Feed for 'Fast Track' Producers

Nutra HP is Skretting's newest starter feed for trout and is recommended for 'Fast Track' producers. Nutra HP can be used from first-feeding up to 5 g. Nutra HP uses low-temperature extrusion techniques and an advanced formulation to deliver high dietary palatability, a high 'protein value', and maximum digestibility. The benefit to growth and FCR conferred by this unique combination of nutritional and physical characteristics is measurable.

Nutra Parr

Mini Pellets for Fry

Nutra Parr is a range of extruded small pellets for fry which can be considered as an alternative to Nutra Trout Fry for producers preferring a pellet to a crumb. Nutra Parr can be used from 2.5 g up to 8 g. Nutra Parr is formulated with highly digestible and palatable ingredients and will provide a good, economic all-round performance.

Royale Optima

A High-Energy Fingerling Feed for 'Fast Track' Producers

Royale Optima is our well-proven range of feeds for fingerling trout first developed through fundamental research and then fine-tuned following many years of commercial use. Formulated with high digestibility and growth performance in mind, Royale Optima is ideal for 'fast-track' feeding of fingerlings and is designed for farmers looking for the very best growth rates.

Excel

A Medium-Energy Fingerling Feed For Good All-Round Performance

Excel is our long-standing, proven range of feeds for fingerling trout. Excel diets are formulated with high quality ingredients to a high protein and medium energy specification. The combination of first-class physical and nutritional features produces a good all-round performance.

On-growing feeds

A feed for every need is our motto. Hence, Skretting's trout on-growing ranges have been especially tailored to fit the requirements of the UK and Irish trout industries.

Royale Optima

A High-Energy On-Growing Feed for 'Fast Track' Producers

Formulated with top-quality ingredients to a very high nutritional and energy specification, Royale Optima is our proven range of feeds for 'Fast Track' producers of on-growing trout. Royale Optima is designed for farmers looking for the very best growth rates and the lowest food conversion ratios with the lowest possible environmental impact.

Royale Crystal

A Medium-Energy On-Growing Feed

Formulated to a medium digestible energy level but still maintaining the strong emphasis on ingredient quality, Royale Crystal is formulated to deliver good growth rates and low food conversion ratios while still minimising the impact on the environment.

Elite

A Lower-Energy, On-Growing Economy Feed

Elite has a slightly lower crude protein content compared to our other on-growing diets but offers the same balance of digestible amino acids. Commercial-scale feeding trials have proven this to be a good general-purpose feed which is ideally suited for less intensive farming systems.

Standard Expanded

Fully floating on-growing feed for trout

Standard Expanded is a specialised fully-floating feed which has been especially formulated and produced for trout farms operating under more extensive conditions. Although Standard Expanded has a lower nutrient specification than other diets in the range it is, nevertheless, a complete, balanced feed.

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GROWER FEED

ALLER 37/12

DECLARATION:

Feed	2 mm-L
Crude protein	% 37
Crude fat	% 12
NFE	% 31,1
Ashes	% 7
Fibre	% 4
Gross energy Kcal/MJ	4660/19,5
Conv. energy Kcal/MJ	3651/15,3

RECOMMENDED USE:

ALLER 37/12 is a low energy feed which can be used under all conditions. In conditions with good oxygen conditions a low FCR can be achieved. ALLER 37/12 can be utilized by many species as Carp, Sturgeon, Trout etc. The performance has been proved during many years.
Delivery: 25 kgs bags or Bigbags

ENVIRONMENTAL IMPACT:

Pellet size	M
Feed conversion	1,1
Sludge, kg	146,3
N-total kg	35,1
of which:	
in faeces kg	5,2
in water kg	29,9
P-total kg	6,00
of which:	
in faeces kg	3,3
in water kg	2,7

Figures are per 1.000 kg fish production, before settlement, nitrogen transformation and other water cleaning.

ENVIRONMENT:

Pellet size	2 mm-L
N in dry matter %	6.5
P in dry matter %	1.21
Energy in dry matter (Kcal/MJ)	5120 21.4

COMPOSITION:

Oil seed products and byproducts, fish products, cereal grains, products and byproducts of cereal grains, oils and fats.

Added per kg	vitamin A	2500 IU
	vitamin D ₃	500 IU
	vitamin E	100 mg

RECOMMENDED FEEDING TABLE:

Kg feed per 100 kg fish per day

Size in cm	Weight gram	Size mm	T E M P E R A T U R E								
			2	4	6	8	10	12	14	16	18
11-16	15-45	2	1.3-0.9	1.5-1.2	1.7-1.4	2.0-1.6	2.3-1.8	2.6-2.0	3.1-2.3	3.3-2.4	3.3-2.4
15-21	40-100	XS	0.9-0.7	1.2-0.8	1.4-1.2	1.6-1.3	1.8-1.5	2.1-1.7	2.4-2.0	2.5-2.0	2.5-2.0
19-32	80-300	S	0.7-0.5	0.9-0.6	1.2-0.7	1.3-0.9	1.5-1.2	1.8-1.4	2.1-1.6	2.1-1.6	2.1-1.5
32-51	300-1200	M	0.5-0.4	0.6-0.5	0.7-0.5	0.9-0.6	1.2-0.7	1.4-0.8	1.6-1.2	1.6-1.2	1.5-1.1
50-55	1000-2000	L	0.4-0.3	0.5-0.4	0.6-0.5	0.6-0.5	0.7-0.6	0.9-0.7	1.2-0.9	1.2-0.9	1.2-0.9

BROODSTOCK

ALLER Sturgeon REP

DECLARATION:

Feed		L
Crude protein	%	52
Crude fat	%	9
NFE	%	18
Ash	%	11
Fibre	%	2
Gross energy Kcal/MJ		4609/19,3

IMPACT:

No environmental data for broodstock.

RECOMMENDED USE:

ALLER Sturgeon REP is the feed for broodstock.
During tests in Russia it has proved its value.
Using this feed resulted in good hatching and Kaviar

Delivery: 25 kgs bags or Bigbags

ENVIRONMENT:

Pellet size		L
N in dry matter	%	9,04
P in dry matter	%	0,87
Energy in dry matter (Kcal/MJ)		5009/ 20,9

COMPOSITION:

Fish products, grain and byproducts of grain,
oils and fats, minerals and vitamins.

Added per kg	vitamin A	5000 IU
	vitamin D ₃	1000 IU
	vitamin E	240 mg

RECOMMENDED FEEDING TABLE:

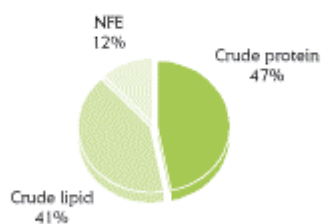
Kg feed per 100 kg fish per day

FEEDING ACCORDING TO APPETITE

Ecostart 17

Declaration	0,5 - 0,8 - 1,1 mm	1,5 mm	2 mm
Crude protein	50,0 %	47,0 %	48,0 %
Crude lipid	16,0 %	20,0 %	23,0 %
Carbohydrates (NFE)	15,0 %	14,0 %	12,5 %
Fibre	1,0 %	0,8 %	1,5 %
Ash	9,5 %	9,5 %	7,5 %
Total phosphorus (P)	1,4 %	1,3 %	0,9 %
Gross energy (MJ/kcal)	20,9 / 4997	21,6 / 5157	22,9 / 5464
Digestible energy (MJ/kcal)	19,2 / 4592	19,8 / 4744	20,9 / 5004
Metabolizable energy (MJ/kcal)	16,9 / 4028	17,6 / 4214	18,7 / 4463

Energy distribution (1,5mm)



Composition (1,5mm)

Fishmeal (LT94)
Wheat
Fish oil
Soya protein concentrate
Vitamins - Minerals

Product characteristics

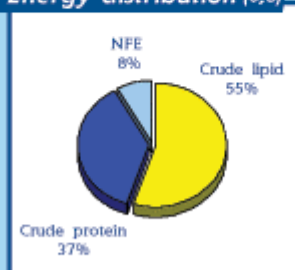
LT-94 fishmeal
High content of marine raw materials
High physical quality
Water consistent
Moderate energy content
Declaration adjusted to fish size
High digestibility
Tasty / good appetite
Good hygiene in basins

Due to natural variations in the raw materials, the information about carbohydrates, fibre, and ash, and the composition may vary compared to the stated values. See label for further information.

Bio-Optimal **START**

Declaration	0,5 mm	0,8 - 1,1 mm	1,5 mm
Crude protein	58,0 %	56,0 %	54,0%
Crude lipid	15,0 %	18,0 %	22,0%
Carbohydrates (NFE)	8,0 %	9,5 %	9,0%
Fibre	0,1 %	0,4 %	0,2%
Ash	11,5 %	10,5 %	10,5%
Total phosphorus (P)	1,7 %	1,6 %	1,6%
Gross energy (MJ/Kcal)	21,0 / 5031	22,1 / 5275	23,0 / 5495
Digestible energy (MJ/Kcal)	19,6 / 4677	20,4 / 4886	21,8 / 5208
Metabolizable energy (MJ/Kcal)	16,8 / 4023	17,8 / 4254	18,8 / 4496

Energy distribution (0,8)



Composition (0,8)

Fish meal (LT94 + Special meal)
Wheat
Fish oil
Vitamins · Minerals

Product characteristics

- High content of marine raw materials
- Selected raw materials
- High physical quality
- Water consistent
- Optimum protein:energy ratio
- Bio-Optimal concept
- Very high digestibility
- High growth potential
- Tasty / good appetite

Due to natural variations in the raw materials, the information about carbohydrates, fibre, and ash, and the composition may vary compared to the stated values.

BioMar A/S
Mylus Erichsensvej 35
DK-7330 Brande

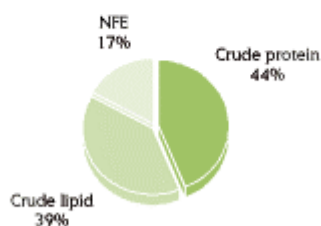
Tel. (+45) 97 18 07 22
Fax (+45) 97 18 30 12
www.biomar.dk

 **Bio-Optimal**

Ecolife 60

Declaration	3 mm	4,5 mm	6,5 mm	9 mm
Crude protein	47,0 %	44,0 %	43,0 %	43,0 %
Crude lipid	14,0 %	16,0 %	18,0 %	18,0 %
Carbohydrates (NFE)	18,0 %	19,5 %	19,0 %	19,0 %
Fibre	3,5 %	3,6 %	3,6 %	3,6 %
Ash	7,9 %	7,3 %	7,3 %	7,3 %
Total phosphorus (P)	1,1 %	1,1 %	1,0 %	1,0 %
Gross energy (MJ/kcal)	20,4 / 4873	20,7 / 4945	21,2 / 5065	21,2 / 5065
Digestible energy (MJ/kcal)	17,7 / 4228	18,0 / 4300	18,5 / 4419	18,5 / 4419
Metabolizable energy (MJ/kcal)	15,8 / 3766	16,2 / 3876	16,7 / 3992	16,7 / 3992

Energy distribution (6,5mm)



Composition (6,5mm)

Fishmeal
Fish oil
Soya meal
Peas
Vegetable oil
Wheat gluten
Wheat
Vitamins - Minerals

Product characteristics

With BioOil - concept
With BioPro - concept
Selected raw materials
Moderate energy content
Declaration adjusted to fish size
Gives healthy and strong eggs
Low phosphor content
Maximum utilisation of nutrients

Due to natural variations in the raw materials, the information about carbohydrates, fibre, and ash, and the composition may vary compared to the stated values. See label for further information.