2021 - 2022

SEABASS & SEABREAM

Marine fish farming is characterized by its professionalism and rapid development. We are front runners in this field, developing trendsetting fish feed for European bass and sea bream.

- S — Sinking feed
- F — Floating feed
- SF — Semi-floating feed
- LAP free — Free from land animal protein
- High digestiblity
- Ω-3 — Omega-3 fatty acids
- RAS — Designed for RAS
- Sustainable fish feed
- With astaxanthine
- N+P — Low nitrogen and phosphorus emission
- Improved resistance

Alltech® COPPENS

DEDICATED TO YOUR PERFORMANCE

AQUATE™

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

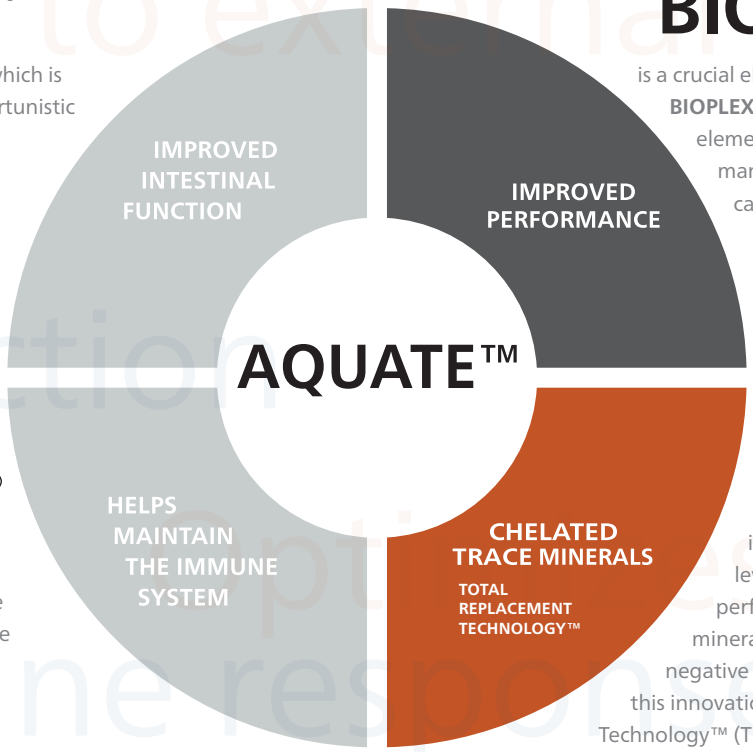
- Optimizes growth
- Supports immune response
- Optimizes digestive function
- Contributes to mucous barrier protection
- Contributes to external barrier protection

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.

ACTIGEN®

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



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.

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

Alltech® COPPENS

ADVANCE

- Intensive farming
- High performance
- High survival

COMPOSITION:

Analyses (%)		Sizes
Protein	56	0.2-0.3 mm
Fat	15	0.3-0.5 mm
Crude fibre	0,3	0.5-0.8 mm
Ash	11,6	0.8-1.2 mm
Total P	1,75	

Vitamins added	
Vitamin A (IE/kg)	14000

Energy (MJ/kg)	
Gross Energy	21,0
Digestible Energy	19,1

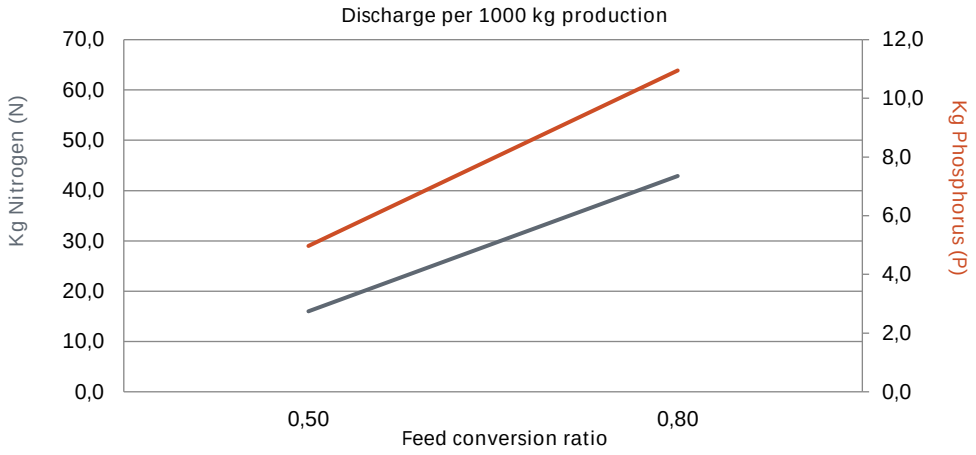
FEEDING TABLE FOR OPTIMAL GROWTH

Fish weight (g)	Feed size (mm)	< 12 °C	12 °C	14 °C	16 °C	18 °C	20 °C	22 °C	24 °C	26 °C	28 °C	> 28 °C
< 0,1	0.2-0.3	According to fish's appetite	Larvae fed to satiation									According to fish's appetite & CO2 level
0,1-0,2	0.3-0.5		1,28	1,60	2,80	3,80	4,80	5,80	6,10	5,90	5,70	
0,2-0,4	0.5-0.8		1,12	1,40	2,60	3,40	4,40	5,30	5,60	5,40	4,60	
0,4-2,0	0.8-1.2		0,96	1,20	1,60	2,40	2,90	4,40	5,20	4,80	3,80	

* 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.

START PREMIUM

- Mini pellet
- For all farming methods
- High performance
- Also very good for perch and pike perch

COMPOSITION:

Analyses (%)		Sizes
Protein	54	1.0 mm
Fat	15	1.5 mm
Crude fibre	0,3	
Ash	11,4	
Total P	1,77	

Vitamins added	
Vitamin A (IE/kg)	12000

Energy (MJ/kg)	
Gross Energy	20,9
Digestible Energy	18,9

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	26 °C	28 °C	> 28 ˚C
1-4	1.0	According to fish's appetite	1,04	1,30	1,70	2,50	3,00	4,50	5,30	4,90	3,90	According to fish's appetite & CO2 level
4-8	1.0/1.5		0,96	1,20	1,60	2,20	2,70	3,60	4,60	4,10	2,90	
8-15	1.5		0,88	1,10	1,50	1,90	2,30	2,50	2,70	2,10	1,50	

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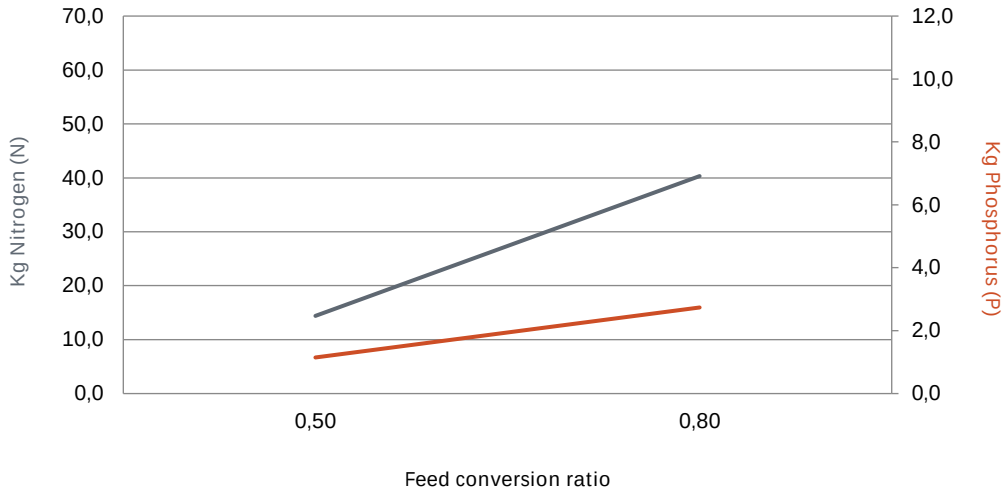
ECOLOGICAL FIGURES:

Discharge per 1000 kg production



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PRE GROWER-18

- Semi-intensive farming
- Good performance

COMPOSITION:

Analyses (%)		Sizes
Protein	45	2.0 mm
Fat	18	
Crude fibre	1,4	
Ash	8,2	
Total P	1,38	

Vitamins added	
Vitamin A (IE/kg)	11000

Energy (MJ/kg)	
Gross Energy	21,4
Digestible Energy	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	26 °C	28 °C	> 28 °C
15-25	2.0		0,56	0,71	0,91	1,41	2,02	2,52	3,02	3,43	2,82	
25-50	2.0	According to fish's appetite	0,48	0,60	0,86	1,21	1,71	1,92	2,32	2,52	2,02	According to fish's appetite & CO2 level

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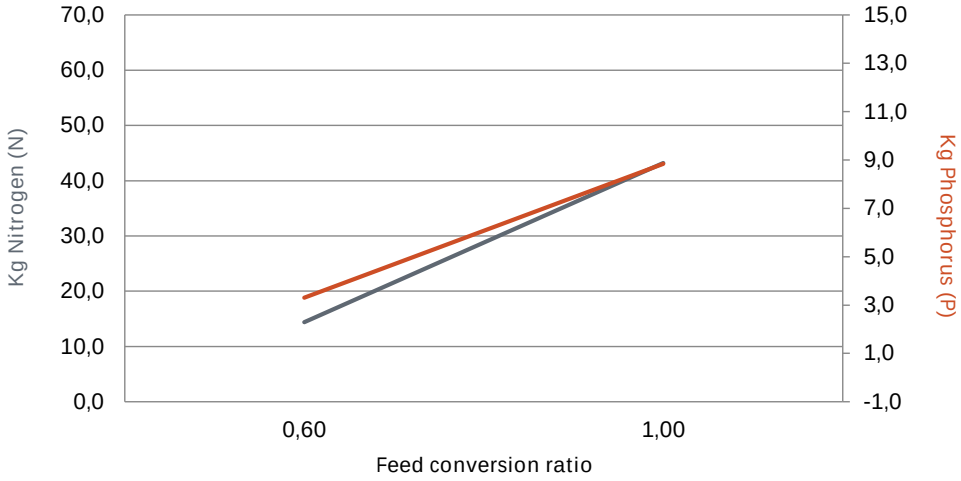
ECOLOGICAL FIGURES:

Discharge per 1000 kg production



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STAR ALEVIN

- High protein level
- High performance
- Also very good for perch and pike perch

COMPOSITION:

Analyses (%)		Sizes
Protein	54	2.0 mm
Fat	15	
Crude fibre	1,3	
Ash	7,4	
Total P	1,20	

Vitamins added	
Vitamin A (IE/kg)	11000

Energy (MJ/kg)	
Gross Energy	21,6
Digestible Energy	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	26 °C	28 °C	> 28 °C
15-25	2,0	According to fish's appetite	0,59	0,74	0,96	1,49	2,12	2,65	3,18	3,61	2,97	According to fish's appetite & CO2 level
25-50	2,0		0,51	0,64	0,90	1,27	1,80	2,02	2,44	2,65	2,12	

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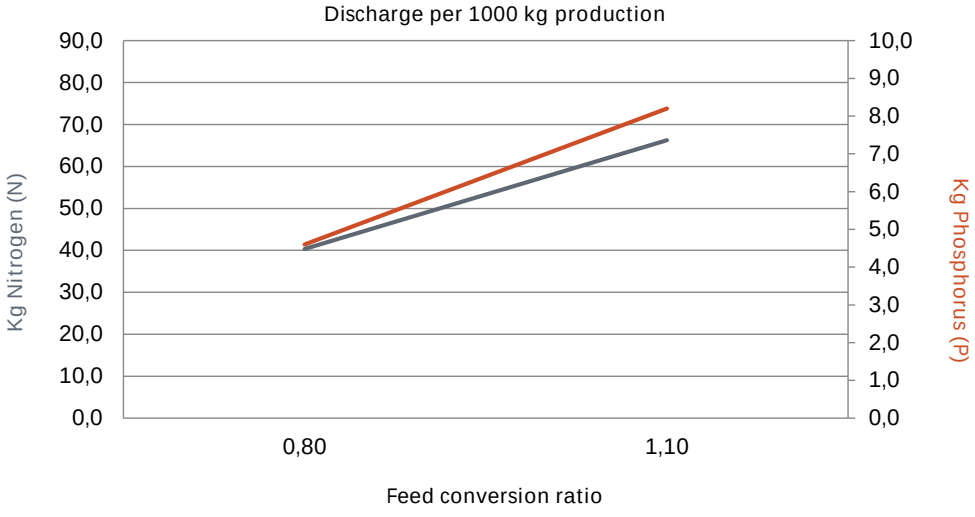
ECOLOGICAL FIGURES:



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SUPREME-21

- Medium energy diet
- Semi-intensive farming
- Good performance
- High flesh quality

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	0,87	

Vitamins added	
Vitamin A (IE/kg)	8936

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	26 °C	28 °C	> 28 °C
50-100	3.0	According to fish's appetite	0,40	0,50	0,70	0,99	1,49	1,69	1,89	2,09	1,69	According to fish's appetite & CO2 level
100-200	3.0		0,28	0,35	0,55	0,89	1,09	1,29	1,39	1,79	1,29	
200-300	4.5		0,24	0,30	0,50	0,65	0,79	0,89	1,09	1,19	1,09	
300-500	4.5		0,20	0,25	0,45	0,55	0,70	0,79	0,89	1,09	0,99	
> 500	6.0		0,16	0,20	0,40	0,50	0,60	0,70	0,89	0,89	0,70	

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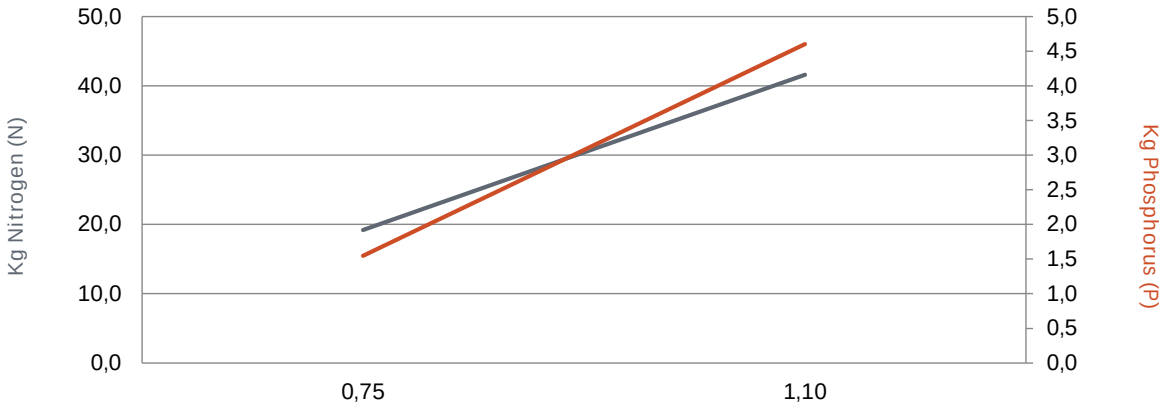
ECOLOGICAL FIGURES:

Discharge per 1000 kg production



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Alltech® COPPENS

SUPREME-22

- High energy diet
- Fast and efficient growth
- Especially good for bass

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	0,89	

Vitamins added	
Vitamin A (IE/kg)	9138

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	26 °C	28 °C	> 28 °C
50-100	3.0	According to fish's appetite	0,39	0,49	0,68	0,98	1,46	1,66	1,85	2,05	1,66	According to fish's appetite & CO2 level
100-200	3.0		0,27	0,34	0,54	0,88	1,07	1,27	1,37	1,76	1,27	
200-300	4.5		0,23	0,29	0,49	0,63	0,78	0,88	1,07	1,17	1,07	
300-500	4.5		0,20	0,24	0,44	0,54	0,68	0,78	0,88	1,07	0,98	
> 500	6.0		0,16	0,20	0,39	0,49	0,59	0,68	0,88	0,88	0,68	

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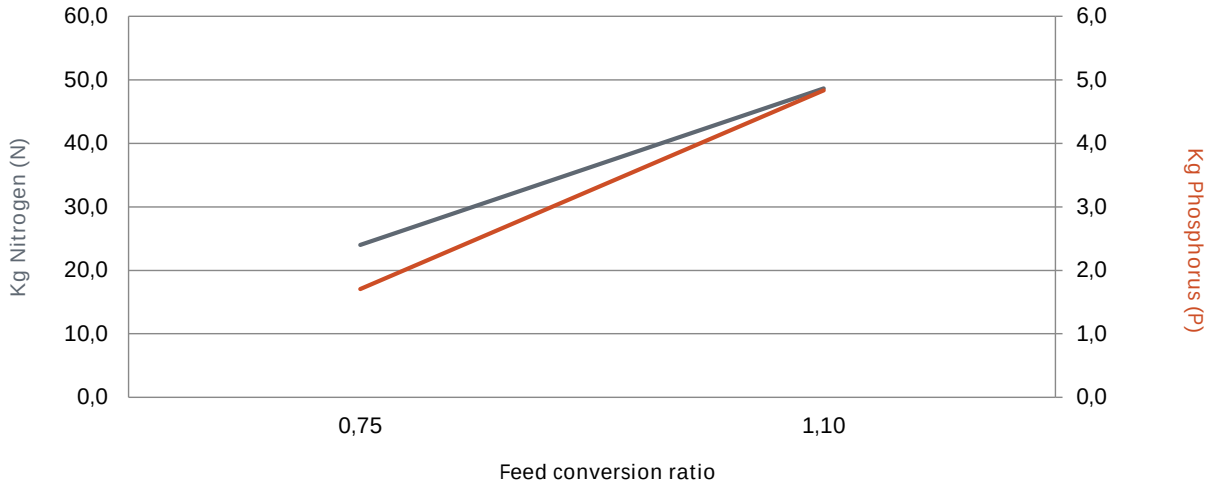
ECOLOGICAL FIGURES:

Discharge per 1000 kg production



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Alltech® COPPENS

REPRO

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

COMPOSITION:

Analyses (%)		Sizes
Protein	48	
Fat	15	6.0 mm
Crude fibre	1,1	9.0 mm
Ash	10,1	
Total P	1,67	
Astaxanthin (mg/kg)	40	

Vitamins added	
Vitamin A (IE/kg)	10000

Energy (MJ/kg)	
Gross Energy	20,1
Digestible Energy	17,9

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	26 °C	28 °C	> 28 °C
> 600	9,0	According to fish's appetite	0,16	0,20	0,25	0,30	0,35	0,50	0,60	0,50	0,40	According to fish's appetite & CO2 level

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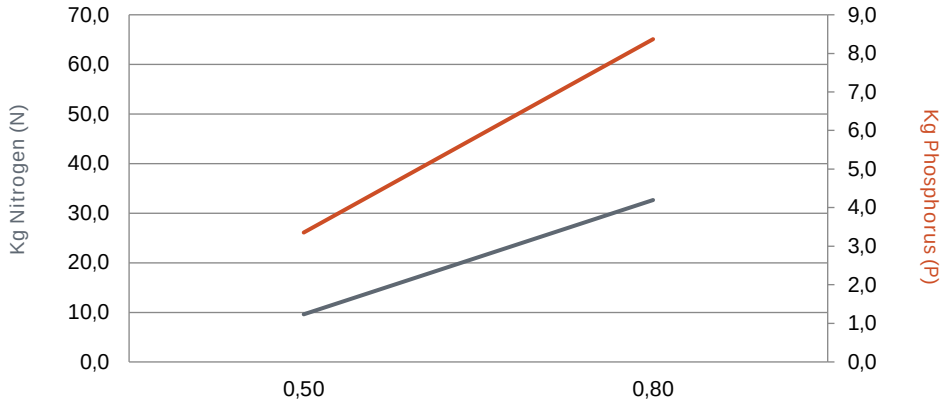
Discharge per 1000 kg production



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