2022 - 2023
TILAPIA

Tilapia is a robust tropical fish that can be farmed very sustainably. Our range includes feeds for both extensive and intensive farming methods.

- S — Sinking feed
- F — Floating feed
- SF — Semi-floating feed
- LAP free — Free from land animal protein
- 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.

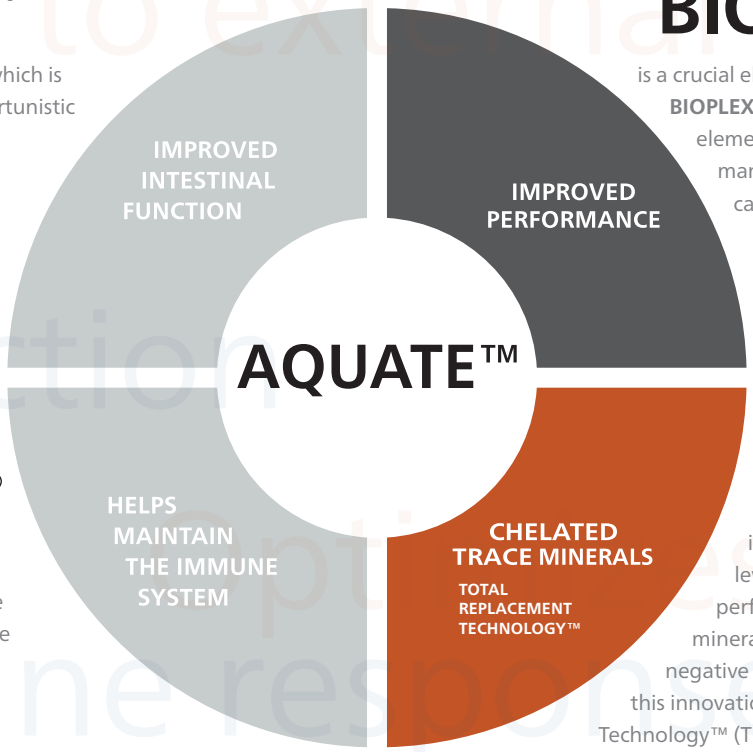
- Optimizes growth
- Supports immune response
- Optimizes digestive function
- Contributes to mucous barrier protection
- Contributes to external barrier protection

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

Tilapia feed overview

Traditional farming

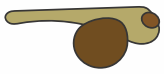
Semi - intensive

Intensive

RAS

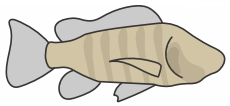
Granulates

- Vital
- Essence
- Advance



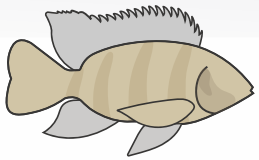
Micro pellets

- Advance



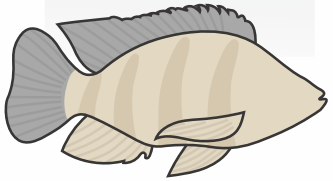
Pre Growers

- Pre Grower-15 EF



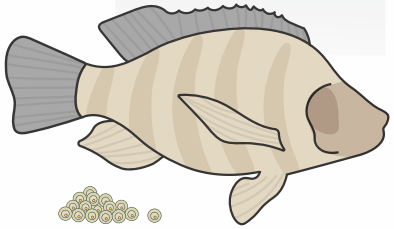
Growers

- Grower-13 EF



Broodstock

- Orange



Alltech® COPPENS

Alltech® COPPENS

TILAPIA FEEDING TABLES

Feeding table for fry:

Based on an optimal water quality and a water temperature of 27 °C

Feeding days	Start weight (g)	End weight (g)	Crumble size (mm)	Feed level (%BW/day)	Feeding advice
0 - 12	0.005	0	0,2-0,3 (0,2-0,5)	9	Essence/ Vital
12 - 23	0.1	0	0,3-0,5 (0,2-0,5)	8.5	Essence/Advance/Vital
23 - 31	0.35	1	0,5-0,8 (0,5-1,2)	8	Essence/Advance/Vital
31 - 43	1	3	1,0 (0,5-1,2)	7	Advance/Vital
43 - 53	2.5	6	1,0 (0,5-1,2)	6	Advance/Vital
53 - 65	6	10	1,5 (1,2-2,2)	5.5	Advance/Vital
65 - 75	10	15	1,5/2 (1,2-2,2)	5	Advance/Pregrower/Vital

*Feeding advice is expressed in % biomass/day.

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

Feeding table for grow-out:

Based on an optimal water quality and a water temperature of 27 °C

Start weight (g)	End weight (g)	Feed size (mm)	Voer hoeveelh. (%BW/dag)
15	30	2.00	4.5
30	40	2.00	4
40	50	2.00	3.7
50	70	2.00	3.3
70	100	3.00	2.9
100	150	3.00	2.5
150	200	3.00	2.2
200	300	3.00	2
300	400	3/4,5	1.9
400	500	4.5	1.7
500	600	4.50	1.5
600	700	4.50	1.4
700	800	4.50	1.3
800	900	4.50	1.2

*Feeding advice is expressed in % biomass/day.

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

Alltech® COPPENS

ESSENCE

- Artemia replacer
- High survival
- Supports bone development

COMPOSITION:

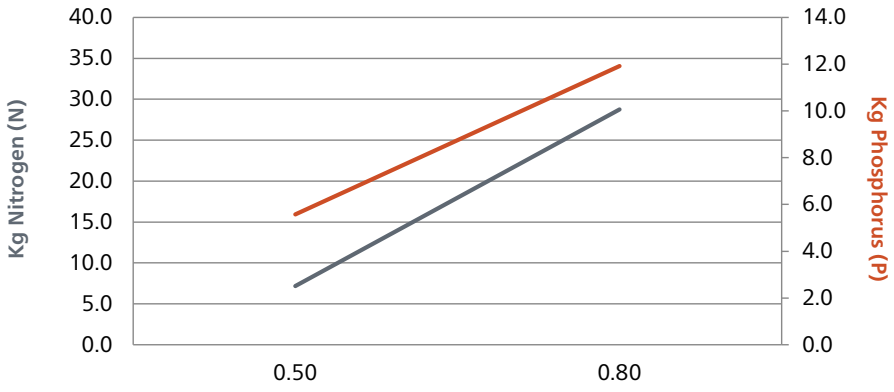
Analyses (%)		Sizes
Protein	45	0.2-0.3 mm
Fat	11	0.3-0.5 mm
Crude fibre	1.0	0.5-0.8 mm
Ash	7.3	
Total P	2.12	

Vitamins added	
Vitamin A (IE/kg)	16667

Energy (MJ/kg)	
Gross Energy	19.8
Digestible Energy	17.8

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.

Alltech COPPENS

ADVANCE

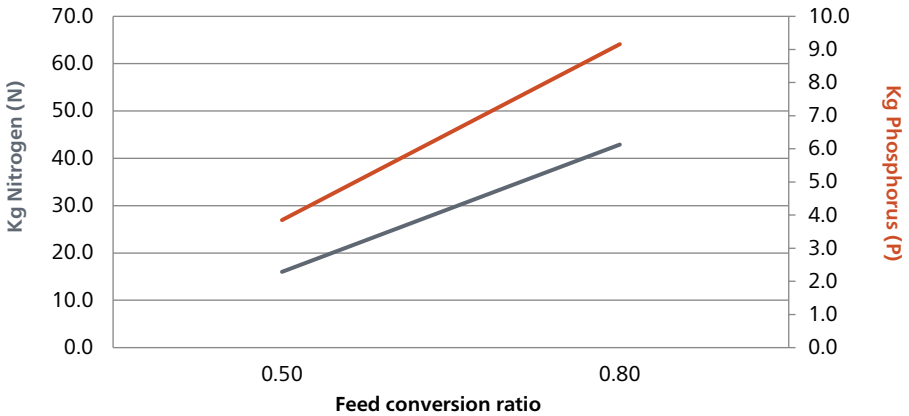
- For semi-intensive farming
- High performance
- High survival
- Medium energy starter diet

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	10.63	10.63
Total P	1.77	1.77	1.77	1.72	1.72
Vitamins added					
Vitamin A (IE/kg)	16667	16667	16667	13333	13333
Energy (MJ/kg)					
Gross Energy	21.2	21.2	21.2	21.0	21.0
Digestible Energy	19.2	19.2	19.2	19.3	19.3

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.

Alltech® COPPENS

VITAL

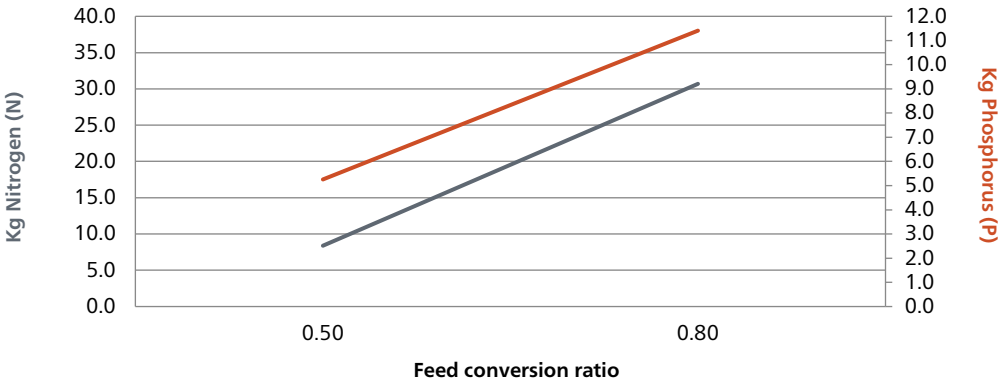
- Low energy granulate
- For semi-intensive farming
- High survival
- Good performance

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)	16667	16667	16667
Energy (MJ/kg)			
Gross Energy	19.1	19.3	19.3
Digestible Energy	16.6	16.9	16.9

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.

PREGROWER-15 EF

- High performance
- Very pallatable
- Optical feeding control

COMPOSITION:

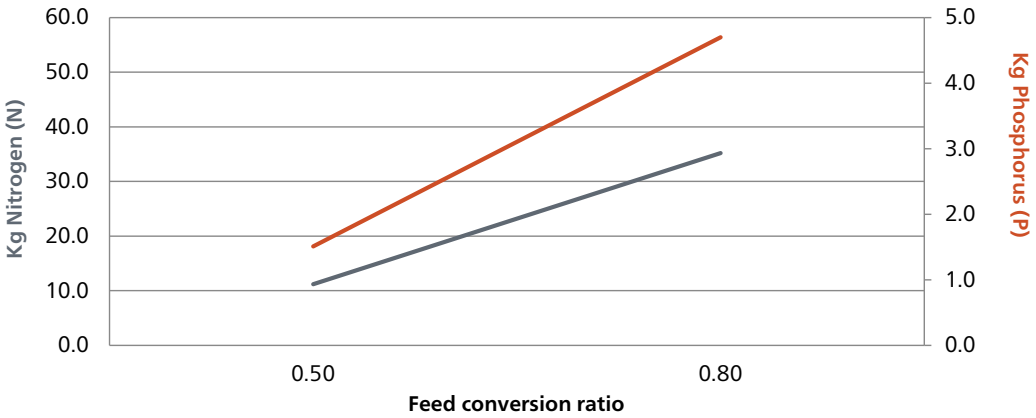
Analyses (%)		Sizes
Protein	50	2.0 mm
Fat	15	
Crude fibre	0.5	
Ash	6.7	
Total P	0.98	

Vitamins added	
Vitamin A (IE/kg)	11667

Energy (MJ/kg)	
Gross Energy	21.4
Digestible Energy	19.5

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.

Alltech® COPPENS

GROWER-13 EF

- Semi-intensive farming
- Good performance
- Very pallatable
- Optical feeding control

COMPOSITION:

Analyses (%)		Sizes
Protein	42	3.0 mm
Fat	13	4.5 mm
Crude fibre	2.8	6.0 mm
Ash	6.4	
Total P	0.82	

Vitamins added	
Vitamin A (IE/kg)	10000

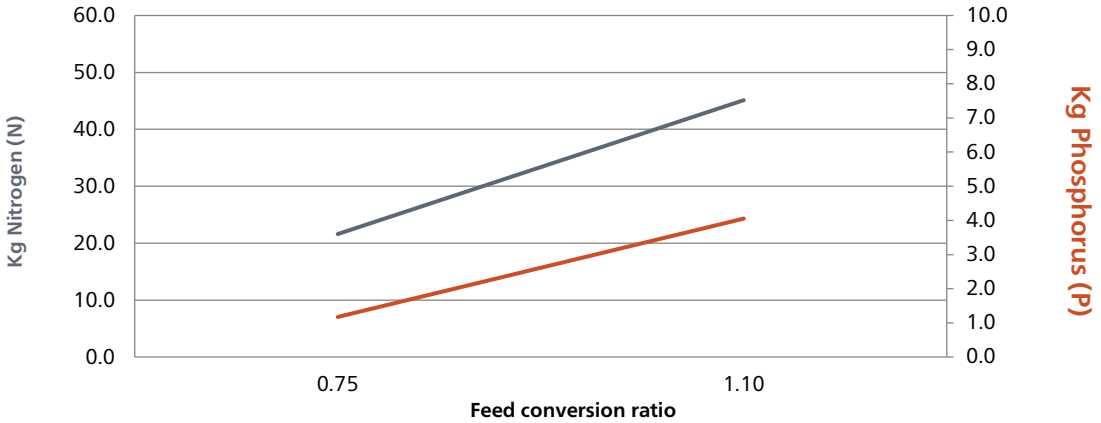
Energy (MJ/kg)	
Gross Energy	20.5
Digestible Energy	17.0

FEEDING TABLE FOR LOW FEED CONVERSION RATIO (FCR)

Fish weight (g)	Feed size (mm)	< 10 °C	10 °C	12 °C	14 °C	16 °C	18 °C	20 °C	22 °C	24 °C	26 °C	26 °C
50-100	3.0		1,00	1,50	2,00	2,60	3,10	3,60	4,10	4,60	4,05	
100-250	4.5		0,80	1,00	1,50	1,80	2,30	2,80	3,30	3,80	3,34	According to fish's appetite & O2 level
250-500	6.0	According to fish's appetite	0,60	0,80	1,00	1,30	1,50	1,80	2,30	2,80	2,46	
500-1000	6.0		0,50	0,60	0,80	1,00	1,30	1,50	1,80	2,00	1,76	
1000-2000	6.0		0,40	0,50	0,70	0,80	1,10	1,30	1,60	1,80	1,58	

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.

Alltech® COPPENS

ORANGE

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

COMPOSITION:

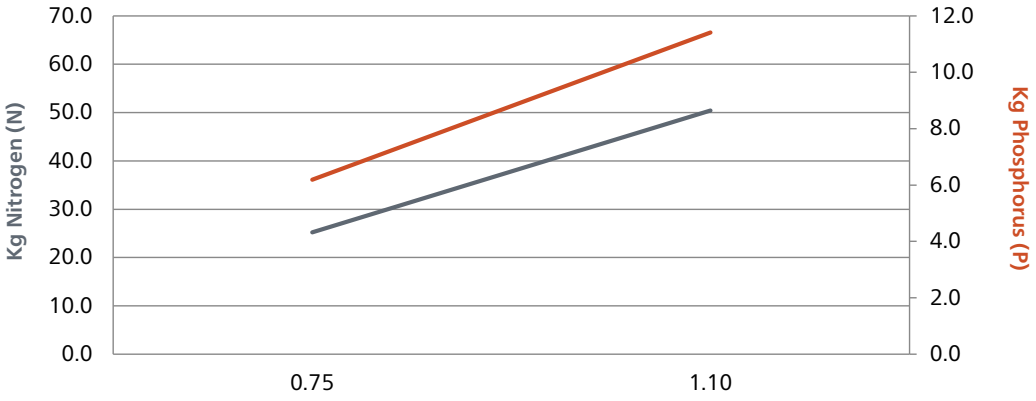
Analyses (%)		Sizes
Protein	45	3.0 mm
Fat	7	
Crude fibre	1.8	
Ash	10.0	
Total P	1.49	
Astaxanthin (mg/kg)	11	

Vitamins added	
Vitamin A (IE/kg)	12000

Energy (MJ/kg)	
Gross Energy	18.6
Digestible Energy	15.2

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.