

# Orient

Orient is our new range of Pacific salmon diets. Specially formulated to meet the salmon's growth potential and requirement for digestible protein through Skretting's Optiline concept. Years of experimental work and practical farming have helped us define nutritional requirement and how these change with the size of fish and energy content of the feed. Orient delivers more cost-effective performance through flexibly meeting the energy budget required for optimum weight gain. All the time supplying sufficient digestible protein to achieve healthy, high quality muscle growth.

## Composition

	Orient 50	Orient 100	Orient 500	Orient 1500	Orient 3000
Crude protein	47-48%	47-48%	45-46%	39-41%	38-40%
Crude lipid	22-23%	22-23%	23-24%	25-26%	26-27%
Carbohydrates	13-16%	13-16%	14-17%	18-21%	19-22%
Moisture	7-9%	7-9%	7-9%	7-8%	7-8%
Ash	8.5%	8.5%	8%	7%	7%
Total Phosphorus	1.3%	1.3%	1.2%	1.0%	1.0%
Avail. Phosphorus	0.9%	0.9%	0.8%	0.6%	0.6%

## Declared Energy

per kg of feed

	Orient 50	Orient 100	Orient 500	Orient 1500	Orient 3000
Gross Energy	22.2-22.7MJ	22.2-22.7MJ	22.4-22.9MJ	22.8-23.3MJ	22.8-23.3MJ
Digestible Energy	19.8MJ	19.8MJ	19.8MJ	20.2MJ	20.2MJ

## Environmental Impact

Maximum amount of discharge (kg)  
per 1,000 kg fish produced

	Orient 50		Orient 3000	
<b>Nitrogen (N)</b>	FCR = 1.2	FCR = 1.8	FCR = 1.2	FCR = 1.8
Dissolved Waste	53.0	94.4	39.1	73.7
Solid Waste	9.2	13.8	7.7	11.5
Total Waste	62.2	108.2	46.8	85.2
<b>Phosphorus (P)</b>	FCR = 1.2	FCR = 1.8	FCR = 1.2	FCR = 1.8
Dissolved Waste	6.7	12.1	3.1	6.7
Solid Waste	4.8	7.2	4.8	7.2
Total Waste	11.5	19.3	7.9	13.9



## Suggested Feeding Schedule

ration as % per day (kg feed per 100kg fish per day)

Fish weight	Pellet size	Water temperature (°C)					
		6	8	10	12	14	16
50-200	3mm	0.84	1.16	1.48	1.80	2.12	2.44
180-400g	4mm	0.72	1.00	1.28	1.56	1.83	2.11
350-700g	6mm	0.61	0.84	1.08	1.31	1.54	1.78
650-1000g	6mm	0.46	0.63	0.81	0.98	1.16	1.33
1000-2000g	9mm	0.41	0.57	0.73	0.89	1.05	1.21
2000g+	9mm	0.31	0.43	0.55	0.67	0.78	0.90

## Ingredients

Fish meal, poultry protein meals, plant protein meal, wheat, fish oil, poultry oil, vitamins, minerals.

## LipoBalance™

Our LipoBalance™ concept at the foundation of our alternative oil formulations is based on extensive research, commercial production and testing. Through Lip Balance™, fish oils and alternatives are blended to maintain the consistently high level of Omega-3 (EPA and DHA) fatty acids required in the final product. The process improves our sourcing flexibility, long term sustainability and stabilises costs. LipoBalance™ provides a safe, healthy and proven path to meet final product quality needs without compromising growth, feed conversion or flesh attributes.

