

BioBrood

For Optimum Brood Health, Egg and Fry Quality



Broodstock nutrition has a profound influence on the next generation of fish, demanding the delivery of the best feed at the right time. BioBrood will help to ensure that broodstock produce the required number of high quality, disease-free eggs and juveniles.

BioBrood is Bio-Oregon's advanced broodstock feed with an energy content that has been specifically designed to meet the needs of developing and maturing eggs and sperm. The lipid content has been carefully balanced to optimize gonad development and to help facilitate the spawning process by minimizing excess visceral fat. BioBrood is formulated with high quality marine fish oils and a high level of digestible protein from premium fishmeal.

The use of these highly palatable ingredients ensures the proper balance of amino acids and essential fatty acids for egg development and breeding success. Vitamin E, Vitamin C and minerals are important as they protect against oxidative damage and hence are essential for successful reproduction and good larval/fry quality. BioBrood is well supplied with these micronutrients.

BioBrood is manufactured in sizes 4, 6 and 9mm pellets and comes standard with 60ppm astaxanthin. Astaxanthin is responsible for the unique coloring of salmon and trout eggs and acts as a powerful antioxidant protecting omega-3 fatty acids.

The benefits derived from the use of a specially formulated broodstock feed include:

- Healthier broodstock
- Increased fecundity
- Improved egg quality and reduced fry mortality
- Better initial performance at start feeding

Composition

Pellet Size mm	Protein Min.	Oil Min.	Moisture Max.	Fiber Max.	Ash Max.	DE (MJ/KG)	Fish Size Grams	Fish Size # Fish/lb.
4.0	48%	20%	8.5%	1.0%	11%	18.2	75-400	0.2-0.9
6.0	48%	20%	8.5%	1.0%	11%	18.2	400-1000	0.9-2.2
9.0	48%	20%	8.5%	1.0%	11%	18.2	1000-2000	2.2-4.4

Feeding Guidelines

It is not recommended to feed a normal grower feed to broodstock in the months before spawning. Since salmon can start to develop gonads up to one year before spawning, BioBrood should be fed for 9-12 months before spawning. It is important not to reduce feed rations during this period of vitellogenesis and oocyte maturation as this could lead to a reduction in fecundity.

The appetite of the fish is the best indicator and broodstock should be fed to their own appetite requirement. Ideally broodstock should be fed once or twice per day in order to allow careful observation of behavior. For detailed feeding guidelines please contact your local Bio-Oregon representative.

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While every effort is made to ensure accuracy, the information provided in this sheet is only a guideline and Bio-Oregon reserves the right to modify it without prior notice.