

| | Fish Meal (FM) | Soybean Meal (SBM) | Soybean meal and soy protein concentrate 50:50 ratio (SBM/SPC) |
|---------------------|-------------------|-----------------------|--|
| Fish Meal | 670.0 | 268.0 | 268.0 |
| Soybean Meal | - | 402.0 | 201.0 |
| Soy protein conc. | - | - | 201.0 |
| Fish Oil | 35.0 | 69.3 | 68.6 |
| Wheat flour | 260.5 | 67.1 | 113.3 |
| Corn gluten | - | 79.5 | 47.7 |
| Starch | 4.5 | 4.5 | 4.5 |
| Mineral Premix | 10.0 | 10.0 | 10.0 |
| Calcium Phos (21%P) | - | 30.0 | 30.0 |
| Vitamin Premix | 10.0 | 10.0 | 10.0 |
| Arginine | - | 7.7 | 0.8 |
| Lys 95% | - | 11.8 | 8.4 |
| Met 99% | - | 5.3 | 4.7 |
| Thr 100% | - | 5.5 | 3.0 |
| Taurine 95% | - | 14.0 | 14.0 |
| Phytase | - | 0.3 | 0.2 |
| Gly 100% | 10.0 | 15.0 | 15.0 |
| % Dry Matter | 9.6 | 8.2 | 9.1 |
| % Protein | 43.5 | 39.0 | 45.5 |
| % Moisture | 17.1 | 22.9 | 14.8 |
| % Lipid | 10.7 | 11.4 | 9.2 |

Table 1. Diet formulations for the 3 experimental diets. The fish meal (control; FM) diet did not contain any soy products. The Soybean meal diet (SBM), contained 60% replacement of the fish meal with SBM. The Soybean meal and soy protein concentrate 50:50 ratio diet (SBM/SPC), contained 60% replacement of the fish meal with soy products, of which that 60% was split 50:50 between soybean meal and soy protein concentrate.