

## Abstract

The present utility model relates to a special feed for maturing *Penaeus indicus* broodstock comprising of 55% protein and 12% lipid. The said formulation per 100 grams is further comprising of: Shrimp meal (19.7 -24.6g), Danish Fish meal (19.7-24.6g), Squid meal (19.7-24.6g), Cod liver oil (0-13g), Cholesterol (1.0g), Wheat flour (7.2-14.9g), Gluten (6.0g), Vitamin mix (2.0g), Vitamin C (1.0g), Choline chloride (1.0g), and Mineral mix (2.0g). The said special feed promotes gonad maturity and egg diameter and is comparably effective than using fresh maturation diets. The special feed has a survival rate of 90-96% which is relatively higher compared to the usual 93%. Specific growth rate per daily basis (SGR (%day<sup>-1</sup>)) is at 23-24% while the Maturation Rate is at 50-55% which means the growth of the fish is now directed toward gonadal maturation.