

## Pakan Ikan Alternatif Berbahan Baku Lokal untuk Calon Induk Ikan Gurami (Osphronemus gouramy)

<b>Title</b>	Pakan Ikan Alternatif Berbahan Baku Lokal untuk Calon Induk Ikan Gurami (Osphronemus gouramy)
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<b>Accreditation</b>	2
<b>Abstract</b>	<p>The aims of this study was to get local raw material of feed fish able to improve growth and development of gonads and composition of the artificial feed and feed supplement that can improve the reproductive performance of gouramy fish. The method used is the method of completely randomized. The research was used completely randomized design with four treatments and four repetition. The treatments tested were four kinds, pellet commercial (60%) additional sprouts mungbean (<i>Phaseolus radiatus</i> L), fruit peel papaya (<i>Carica papaya</i>) and cabbage (<i>Brassica oleracea</i> L) by 40%, and a pelleted commercial (100%) as control. Absolute growth ranges from 6-425 g, the relative growth of 3.7 to 22.1%, the growth day 1-7, 1 g / day, feed efficiency from 7.8 to 29.33%, GSI 0.1 to 1.1% and HSI 0.8 to 1.7%. Temperatures ranging from 23- 31,5 °C, pH 6.6 to 7.5, Oxygen 5.0 - 6.2 ppm, ammonia 0 - 0.25 ppm. Supplemental feed mixture (40%) and commercial pellets (60%) can improve the growth and reproductive performance brood gouramy. Results of measurement of temperature, pH and ammonia still qualify live gouramy. Keywords : alternative fish feeds, brood, <i>Osphronemus gouramy</i></p>
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