

**Peranan Balai Benih Ikan (BBI) Gumarang Terhadap Usaha Budidaya
Perikanan Air Tawar di Kecamatan Palembayan
Kabupaten Agam**

Titin Aswani¹, Hafrijal Syandri², Usman Bulanin²

1)Mahasiswa Pasca Sarjana Universitas Bung Hatta

2)Dosen Universitas Bung Hatta

Email: titinaswani@gmail.com

**Program Studi Sumberdaya Perairan, Pesisir dan Kelautan Pascasarjana
Universitas Bung Hatta Padang**

ABSTRAK

Penelitian ini bertujuan untuk mendeskripsikan peranan Balai Benih Ikan (BBI) Gumarang terhadap usaha budidaya perikanan air tawar yang terdapat di Kecamatan Palembayan, Kabupaten Agam. Metode yang digunakan adalah metode deskriptif analitik. Metode analisis menggunakan metode PATTERN (*Planning Assistance Through Technical Evaluation of Relevant Numbers*) dan rumus regresi linear sederhana. Pengumpulan data diperoleh melalui data primer dan data sekunder. Peranan Balai Benih Ikan (BBI) Gumarang terhadap usaha budidaya perikanan air tawar di Kecamatan Palembayan termasuk kategori rendah dengan persentase 59%. Hasil uji regresi linear sederhana antara luas kolam dengan jumlah ikan yang diproduksi pertahun menunjukkan nilai p sebesar 0,000 ($p < 0,05$) yang artinya terdapat hubungan antara luas kolam dengan jumlah ikan yang diproduksi pertahun. Sedangkan tidak terdapat hubungan antara jumlah benih yang didapat dengan jumlah ikan yang diproduksi pertahun dengan nilai p sebesar 0,573 ($p > 0,05$), kemudian tidak ada hubungan antara luas kolam dengan jumlah benih didapat yang menunjukkan nilai p sebesar 0,058 ($p > 0,05$), serta tidak terdapat hubungan antara jarak lokasi budidaya dari BBI Gumarang dengan jumlah benih didapat yang menunjukkan nilai p sebesar 0,743 ($p > 0,05$).

Kata kunci: Balai Benih Ikan, Budidaya, PATTERN

**The Role of Gumarang Fish Seed Hall (BBI) Against Freshwater
Aquaculture Business in Palembayan District
Regency of Agam**

Titin Aswani¹, Hafrijal Syandri², Usman Bulanin²

1) Postgraduate Student of Bung Hatta University

2) Lecturer at Bung Hatta University

Email: titinaswani@gmail.com

**Study Program of Water Resources, Coastal and Marine Postgraduate of
Bung Hatta University, Padang**

ABSTRACT

This study aims describe the role of the Gumarang Fish Seed Center (BBI) on freshwater aquaculture business in Palembayan District, Agam Regency. The method used is an analytic descriptive method. The analytical method uses PATTERN (Planning Assistance Through Technical Evaluation of Relevant Numbers) and simple linear regression formula. Data collection is obtained through primary data and secondary data. The role of Gumarang Fish Seed Center (BBI) on freshwater aquaculture business in Palembayan District is in the low category with the percentage of 59%. Simple linear regression test results between the area of the pond with the number of fish produced per year showed the p value is 0,000 ($p < 0,05$) which means there is a relationship between the area of the pond with the number of fish produced per year. While there is no relationship between the number of seeds obtained with the number of fish produced per year with the p value is 0,573 ($p > 0,05$), then there is no relationship between the area of the pond with the number of seeds obtained which shows the p value is 0,058 ($p > 0,05$), and there is no relationship between the distance of the location of cultivation from BBI Gumarang with the number of seeds obtained which shows the p value is 0,743 ($p > 0,05$).

Keywords: Fish Seed Center, Aquaculture, PATTERN