

Copra Meal: As an Alternative Feeds for Fishery



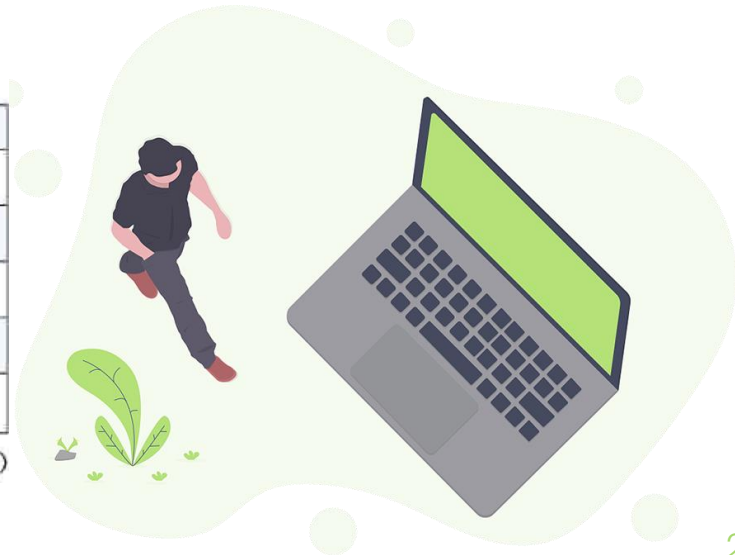
What's the big problem in Bangsamoro?

POVERTY INCIDENCE

(% of total population)

	1991	2006	2009	2012	2015
ARMM	30.5	47.1	47.4	55.8	53.7
Socssksargen	53.3	39.7	38.3	44.7	37.3
Zamboanga Peninsula	40.3	45.0	45.8	40.1	33.9
Philippines, excluding NCR	38.8	29.7	29.6	28.2	25.4
Philippines	34.4	26.6	26.3	25.2	21.6

SOURCE: Philippine Statistics Authority (PSA)



What's our main goal?

To provide sustainable livelihood plans/programs that will teach them to make a living and to resolve the issue.



Where is BARMM leading at?

Aquaculture (fish farming)

BARMM contributes nearly 30% of the overall fish production in the whole Philippines with Tawi-Tawi being its main source.



But! Just this Dec. 11,

Link: <http://philjournalsci.dost.gov.ph/87-current-issue/vol-148-no-2-june-2019/1062-farmed-tilapia-production-in-the-philippines-is-declining-what-has-happened-and-what-can-be-done-2>

Farmed Tilapia Production in the Philippines Is Declining: What Has Happened and What Can Be Done

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Why is Tilapia declining?

- High Water Temperature (68%),
- Lack of Government Assistance (58%),
- Poor Breed of Tilapia (48%),
- **High Cost of Production (46%),** and
- Lack of Capital (44%)



Where is BARMM rich in?

- Coconut (8.33%)
- Cassava (45.76%)
- Corn (10.96%)



Table 12: Average Annual Production of Key Crops in '000 mt (2010–2013)

	Rice	Corn	Coconut	Coffee	Cassava	Banana	Mango	Sugarcane	Rubber	Abaca
Philippines	17,232.1	7,033.0	15,492.6	87.7	2,224.0	9,034.5	31.2	24,321.6	427.2	67.1
Region IX	608.2	203.6	1,686.2	1.0	35.9	250.4	0.2	0.3	186.1	0.5
Region X	627.4	1,194.8	1,784.0	5.6	545.7	1,720.7	0.4	3,740.4	10.7	2.0
Region XI	422.4	204.8	2,564.8	18.6	14.9	3,652.3	0.9	420.8	14.1	8.9
Region XII	1,262.0	1,185.5	942.5	28.0	53.9	1,119.9	0.5	741.1	162.9	0.9
Region XIII	469.0	91.8	892.4	1.9	25.6	210.4	0.1	0.0	14.1	6.0
ARMM	588.8	771.1	1,290.6	10.7	1,017.6	428.3	2.7	72.5	39.2	4.9
% share of ARMM in Philippines	3.42%	10.96%	8.33%	12.2%	45.76%	4.74%	8.7%	0.3%	9.2%	7.3%

Source: DA-BAS

Source: *Bangsamoro Development Report BDA2015.pdf*

Introducing our concepts



These are our concepts and ideas
how to create sustainable livelihood
programs for the BARMM people
using the abundant resources present.

Copra Meal

It is accounted that over 60%-70% of the costs to feed tilapia are due to the imported feeds. A study was conducted about a protein-enriched copra meal that was able to reduce feed use by 20–30% and lessened feed cost by 18–29%.

Source: <https://businessmirror.com.ph/2018/06/10/making-healthy-cheap-animal-feeds/>



Solving Poverty by Entrepreneur- ship

We believe that by giving viable business ideas that will utilize the region's abundant resources can significantly solve problems not only concerning poverty.





That's all

Thank you

LPU LAGUNA TEAM 3