

**ANALYSIS OF FACTORS THAT AFFECT
THE INCOME OF *KRUPUK KUKUT*
HOME INDUSTRY IN REALIZING
AGRICULTURAL ENTREPRENEURS
IN THE FIELD OF AGRICULTURAL ECONOMICS
IN THE PROVINCE OF ACEH**

**Agrex17 UPM, February 14-16th 2017 Selangor, Malaysia
Yayuk EW (Economic Faculty
Teuku Umar University – West Aceh,
Aceh Province-Indonesia)**

email : ewyayuk@ymail.com

***Krupuk Kukur (in
Aceh)**

****Krupuk Jengek
in Indonesia**

A. INTRODUCTION

KK

Cattle and water buffalo

Topografi lanf in Aceh

Food security and healthy

Entrepreneurships

with :

1. Populations (cattle and water buffalo) that is considerably high in the Province of Aceh which for cattle was 511,362 animals and for water buffalo was 166,903.
2. Swamp area in south-west Aceh Province (Barsela 8 district)
3. Food security and making use of the meat and bones for consumption, the skin can also made into a stomach pain
4. Realizing agricultural entrepreneurs in the field of agricultural econmics

KK

Aims :

- 1. to analyze just what factors affect the income from the *krupuk kukut* (cattle and water buffalo skin cracker) home industry enterprise**
- 2. realizing entrepreneurship spirits in the field of agricultural economics in the Province of Aceh.**

Hypothesis

Price and quantity having contribute to the bound dependent variable (income from *krupuk kukut*)

**Materials
and
Methods**

**Population and
sample**

Data

**Method of
analysis**

- 1. Cluster with Barsela (9 businesses), Central-Southeast (1 business), and North-East/provincial capital region and hinterlands (2 businesses).**
- 2. secondary data from interviews conducted with questionnaires and primary data from the Department of Industry and Trade of Aceh and the Department of Industry, Trade, and Co-Operatives of Aceh Barat Regency.**
- 3. Multiple regression analysis**
$$Y = \alpha + \beta_1 X_1 + \beta_2 X_2 + e \dots\dots\dots$$
Next, because the function of income does not have a constant, the equation above becomes:
$$Y = \beta_1 X_1 + \beta_2 X_2 + e \dots\dots\dots$$

(2)

RESULT

Development of the *Krupuk Kukut* and Related Enterprises in the Province of Aceh

No	Business Name	Sub-District	Regency	Income (Rp)	Price (Rp)	Quantity (Packs)
1	Nurramadhan	Kuta Malaka	Aceh Besar	9,375,000	25,000	375
2	Usaha Mandiri Sanusi	Ingin Jaya	Aceh Besar	17,342,000	26,000	667
3	Boga Sari	Karang Baru	Aceh Tamiang	7,500,000	25,000	300
4	UD.Fajar Industri Anwar Yusuf	Johan Pahlawan	Aceh Barat	22,491,000	27,000	833
5	Admajaya Mawarni	Johan Pahlawan	Aceh Barat	39,832,000	26,000	1532
6	Rajawali	Johan Pahlawan	Aceh Barat	9,000,000	25,000	360
7	Usaha Bacut-Bacut	Johan Pahlawan	Aceh Barat	9,500,000	25,000	380
8	Mardhiah	Johan Pahlawan	Aceh Barat	8,750,000	25,000	350
9	Beringin Jaya	Johan Pahlawan	Aceh Barat	9,000,000	25,000	360
10	Cirasa	Johan Pahlawan	Aceh Barat	4,575,000	25,000	183
11	Nyak Bulen	Samatiga	Aceh Barat	16,250,000	25,000	650
12	Aneuk Laot	Samatiga	Aceh Barat	13,500,000	25,000	540
	Total					

SUMMARY

- 1. The multiple linear regression equation was $Y = -17.928X_1 + 26437.992X_2 + e$**
- 2. Based on the above equation, there was no constant value. The value of the price variable coefficient is -17.928, which means that for every 1 rupiah increase in price, income decreases by Rp. 17.928. The value of the quantity variable coefficient is 26437.992, which means that for every 1 pack (unit) increase in production quantity, income increases by Rp. 26,437.992**
- 3. The t-test was significant at the level of significance of 0.05 with a level of confidence of 95%, where the t value was significant for both variables of price and quantity. The F-test was also such with a value of 11997.903.**



**The process of
Krupuk Kukut**

Step by step

Process

1. Cattle and water buffalo hides secure by chalk for 2 days and cleaning

2. Cuts and slog

3. Poached the Cattle and water buffalo hides with garlic, salt and sugar and slog again

4. Frying for 2 (two) pan with little fire and a large fire.

Packaging

Selling to customers:



Thank you