

Planning and Production of Jamu Kunyit Asam Mbatur

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Abstract

This final project is entitled Planning and Producing Jamu Kunyit Asam Mbatur. The objectives to be achieved in writing this final project is to determine the production process of Jamu Kunyit Asam Mbatur, to determine the cost of production and calculate the number of products for each production, this final project is carried out in several stages namely, the preparation stage, the implementation stage, and the completion stage, the results of the completion of the project indicate that the production process of Jamu Kunyit Asam Mbatur starts the search for raw materials, cleaning raw materials, grinding raw materials such as: turmeric, white turmeric, turmeric ginger, gotu kola leaves and several other ingredients. After that, the raw materials are mixed with a water ratio of 2:1 (tubers and leaves). After mixing brown sugar and tamarind and then packed into bottles. Production was carried out 23 times by producing 24 bottles to 35 bottles at a times, production in this project lasted almost 5 months, from August 7, 2022 to December 16, 2022. The total cost of producing the Jamu Kunyit Asam Mbatur is IDR 4,415/bottle and produces 593 bottles for 23 times the production of Jamu Kunyit Asam Mbatur products.

Keywords : Jamu Kunyit Asam Mbatur Production, Production Process, Cost of Production.

1. INTRODUCTION

production planning can be defined as a process to produce products or goods in a certain predictable period or scheduling through organizing resources, labor, and even raw materials and other equipment. In running a business, it is necessary to have an interesting innovation, namely Jamu Kunyit Asam Mbatur.

In the production of Jamu Kunyit Asam Mbatur, Javanese people in particular and Indonesian people, in general, have long used natural medicinal plants as antidotes, inhibitors, and diseases in the body. Local wisdom about the efficacy of natural medicinal plants is an ancestral heritage that is still proven and safe. Since ancient times, human health has been a major concern not only in Indonesia but several countries such as Latin America, Africa, and India (Sumarni et al, 2019).

Jamu Kunyit Asam Mbatur is different from other Jamu, because Jamu Kunyit Asam Mbatur is a homemade ingredient that suits the tastes of millennial this drink tastes no less than the drinks that are trending right now. The reason for choosing Jamu to be marketed is because it is known that Jamu Kunyit Asam is a traditional drink that has been consumed for generations and also Jamu Kunyit Asam Mbatur has a number of benefits for health and restoring existence in this day and age.

Zahara and anwar (2021) Production is an effort to create, increase the benefits of goods by combining the factors of production to meet needs. Production is economic activity that provides goods/services up to the consumer. Kadim (2017) production management, the need for good and directed management is because: A project has limitations so that the ultimate goal of a project can be achieved. What needs to be managed in the project management area are cost, quality, time, occupational health and safety, resources, environment, risk and information systems.

Ariani (2018) there are two types of processes, namely the into process and the supporting process. The core process is the set of activities that deliver value to the customer. Managers and employees interact with external customers and build customer relationships, develop new products and services, interact with external customers, and provide products and services or services for external customers. Meanwhile, process support provides important resources and input into the core processes that are important for the management of company or organization activities. According to Mulyadi (2006) in Kadim (2017) activity based costing can control costs by providing information about activities that cause costs. This method has the premise that costs have a cause, and the causes of costs can be managed. The manufacturing production process is divided into certain jobs according to certain fields and departments that consume a certain amount of costs as well, starting from the preparation of raw materials, entering the work in process stage of the production process; early production stages, semi-finished products to finished goods.

2. REFERENCES

Ariani (2018) there are two types of processes, namely the into process and the supporting process. The core process is the set of activities that deliver value to the customer. Managers and employees interact with external customers and build customer relationships, develop new products and services, interact with external customers, and provide products and services or services for external customers. Meanwhile, process support provides important resources and input into the core processes that are important for the management of company or organization activities. According to Mulyadi (2006) in Kadim (2017) activity based costing can control costs by providing information about activities that cause costs. This method has the premise that costs have a cause, and the causes of costs can be managed. The manufacturing production process is divided into certain jobs according to certain fields and departments that consume a certain amount of costs as well, starting from the preparation of raw materials, entering the work in process stage of the production process; early production stages, semi-finished products to finished goods.

a. RESEARCH METHODS

The site for the production project of Jamu Kunyit Asam Mbatur in Pangkalan Batang Barat, Bengkalis and for the location of the Planning and Production implementation in Bengkalis. The time of the implementation of the project from August to December 2022. After surveying several shops in Bengkalis and two online stores, the author chose the Plaza Jalan Yos Sudarso store to buy sieve and an online store to buy items such as bottles, stickers, etc. while for the purchase of raw materials, the Terubuk Market is located on Jalan Kelapapati Laut to buy turmeric, ginger, kencur etc. and raw material buyers at Jalan Pangkalan Batang Barat Street Farmers to buy leaves. The place was chosen to buy tools and raw materials because the price is cheaper with an easily accessible location and close to the production site.

Many things are considered in the selection of a place of production such as a clean environment, and strategic location with the purchase of raw materials. During the implementation of this project, the Jamu Kunyit Asam Mbatur production location was on Jalan Utama Pangkalan Batang Barat which was a house for one of the Owner Jamu Kunyit Asam Mbatur. There are several tools and materials needed for planning and production of Jamu Kunyit Asam Mbatur:

Table 2.1. There are several tools needed for planning and production of Jamu Kunyit Asam Mbatur

No	Equipment Name	Amount
1	Blender	1 piece
2	Basin	3 pieces
3	Cutting board	1 piece
4	Spoon	3 pieces
5	Knives	1 piece
6	Measuring glass	1 piece
7	Colander	2 pieces
8	Sieve	1 piece
9	Pan	1 piece
10	Hand gloves plastic	2 piece
11	Scales	1 unit
12	Dater stamp	1 unit

Table 2.2. There are several materials needed for planning and production of Jamu Kunyit Asam Mbatur

No	Goods	Unit
1	Turmeric	Kg
2	Aromatic ginger	Gram
3	Ginger	Gram
4	White turmeric	Gram
5	Guava leaves	Sheets
6	Red Betel	Sheets
7	White Betel	Sheets
8	Water	Gallon
9	Senggani leaf	Sheets
10	Gotu Kola Leaves	Sheets
11	Tamarind	Gram
12	Brown sugar	Gram
13	Bottle Packaging	Bottle
14	Stickers	Paper
15	Plastic	Pack
16	Permanent ink	Tube

To find out the cost of production of Jamu Kunyit Asam Mbatur it is calculated using the following formula:

$$\text{Cost of Goods Production Per Pack Unit} = \frac{\text{Total Production Cost}}{\text{Number of Products in a Pack Unit}}$$

3. RESULT AND DISCUSSION

Jamu Kunyit Asam Mbatur is different from other Jamu, because Jamu Kunyit Asam Mbatur is a homemade ingredient that suits the tastes of millennial this drink tastes no less than the drinks that are trending right now. The reason for choosing Jamu to be marketed is because it is known that Jamu Kunyit Asam is a traditional drink that has been consumed for generations and also Jamu Kunyit Asam Mbatur has a number of benefits for health and restoring existence in this day and age. Table of calculation of cost of production of 24 bottles of Jamu Kunyit Asam Mbatur.

Raw Materials Costs	Quantity	Amount
Turmeric	1 Kg	IDR 12,000
Aromatic ginger	200 Gram	IDR 4,000
Ginger	200 Gram	IDR 2,400
White turmeric	200Gram	IDR 6,000
Guava leaves	30 sheet	IDR 1,000
Red Betel	20 sheet	IDR 1,000
White Betel	20 sheet	IDR 1,000
Water	1 gallon	IDR 5,000
Sengani leaf	10 sheet	IDR 500
Gotu Kola Leaves	100 sheet	IDR 3.000
Tamarind	250 Gram	IDR 6.000
Brown sugar	600 Gram	IDR 15,000
Bottle Packaging	24 bottle	IDR 48,000
Stickers	48 paper	IDR 23,856
Plastic	1 pack	IDR 5,000
Permanent ink	1/ tube	IDR 22,000
Gas	1 Gas cylinders	IDR 23,000
Electricity	1 unit	IDR 22,000
Total		IDR 189,756

Source: Processed Data, 2022

$$\begin{aligned}\text{Cost of Goods Production Per Pack Unit} &= \frac{\text{IDR 189,756}}{24 \text{ Bottles}} \\ &= \text{IDR 7,906}\end{aligned}$$

The production process of Jamu Kunyit Asam Mbatur is:

1. Before making Jamu Kunyit Asam Mbatur, prepare the ingredients starting from turmeric, tamarind, brown sugar, guava leaves and other leaves. To get these ingredients, they must be selected with high quality in order to produce delicious herb
2. After getting these materials, then wash them thoroughly
3. Boil water until it boils
4. Before the water boils, then the ingredients that have been prepared are ground
5. After grinding, the next process of the material is in the blender to get more starch. For this process, two stages are carried out, the first is the leaf stage and the second is ingredients such as turmeric, ginger and others.
6. After everything is ground, then add the boiled water that has cooked earlier. For a mixture of water and raw materials, it is measured using a dose to produce a delicious herbal taste
7. Next, the herbs are filtered so that the dregs do not enter
8. After filtering, the herbs are ready to be packed using bottles
9. Finish.

The following is Table Amount of Production of Jamu Kunyit Asam Mbatur production the period August to december

Date	Production	Original Variant	Honey Variant	Total
August, 7 2022	I	24 Bottle		24 Bottle
August, 11 2022	II	26 Bottle		26 Bottle
August, 14 2022	III	25 Bottle		25 Bottle
August, 20 2022	IV	24 Bottle		24 Bottle
August, 28 2022	V	25 Bottle		25 Bottle
September, 4 2022	VI	24 Bottle		24 Bottle
September, 11 2022	VII	25 Bottle		25 Bottle
September, 18 2022	VIII	22 Bottle		22 Bottle
September, 25 2022	IX	24 Bottle		24 Bottle
October, 2 2022	X	26 Bottle		26 Bottle
October, 10 2022	XI	30 Bottle		30 Bottle
October, 16 2022	XII	26 Bottle		26 Bottle
October, 23 2022	XIII	22 Bottle		22 Bottle
October, 30 2022	XIV	25 Bottle		25 Bottle
November, 6 2022	XV	26 Bottle		26 Bottle
November, 11 2022	XVI	33 Bottle	2 Bottle	35 Bottle
November, 13 2022	XVII	24 Bottle	2 Bottle	26 Bottle
November, 17 2022	XVIII	25 Bottle	2 Bottle	27 Bottle
November, 23 2022	XIX	26 Bottle	2 Bottle	28 Bottle
November, 28 2022	XX	30 Bottle	2 Bottle	30 Bottle
December, 2 2022	XXI	24 Bottle		24 Bottle
December, 9 2022	XXII	22 Bottle		22 Bottle
December, 16 2022	XXIII	25 Bottle	2 Bottle	27 Bottle
Total				593 Bottle

Source: Processed Data, 2022

From above, it can be seen that the project activities were carried out for 23 times of production, starting on August 7th, 2020 to December 16th, 2022. Production exceeded the planned estimate because interest from buyers was stable, 23 times production produced Jamu Kunyit Asam Mbatur as many as 593 Bottles. With the total average number of Jamu Kunyit Asam Mbatur products is 24 bottles, during the 23 times the production of Jamu Kunyit Asam Mbatur, the highest number of products was 35 Bottles.

After carrying out production, the owner accepts suggestions from buyers to add Sweetness, and the Owners made it with a honey variant. It happened in the 16 th, 20 th, and 23 th production and became a subscription for the honey variant.



Figure 3. Honey Variant

Source: proses Data, 2022

Jamu Kunyit Asam Mbatur production planning uses several stages, namely preparation, implementation, and accomplishment. The production process of Jamu Kunyit Asam Mbatur is of great concern starting from to manage the supply of raw materials, each producer buys raw materials from shop customers and farmers in order to get fresh raw materials. During the production of Jamu Kunyit Asam Mbatur there were variants, namely original and honey. Production produced Jamu Kunyit Asam Mbatur as many as 593 Bottles with raw material capital Original Jamu IDR 4,415, Jamu honey variant IDR 5,415. References.

4. CONCLUSION

Jamu Kunyit Asam Mbatur production planning uses several stages, namely preparation, implementation, and accomplishment. The production process of Jamu Kunyit Asam Mbatur is of great concern starting from to manage the supply of raw materials, each producer buys raw materials from shop customers and farmers in order to get fresh raw materials. During the production of Jamu Kunyit Asam Mbatur there were variants, namely original and honey. Production produced Jamu Kunyit Asam Mbatur as many as 593 Bottles with raw material capital Original Jamu IDR 4,415, Jamu honey variant IDR 5,415.

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