

Fireless Basket Cooker / Flask (Hay Box)



Why to choose this solution?

It completes the cooking of food that has been partially cooked, and it acts as a food flask because it can keep food hot for more than 5 hours. It can be used to maintain the temperature of cold drinks. As such, it saves energy and time. The fireless basket cooker can be used to prepare beans, peas, groundnut sauce, beef, chicken, rice, matooke, Irish potatoes, sweet potatoes and cassava. Additionally, the basket can keep all types of food warm for a maximum of 8 hours.

Savings per day or production:

The warmth of the food can be retained by placing the cooking pot in the fireless basket cooker for as long as possible until your food is ready to be served. The basket can retain heat for a maximum of 8 hours.

Cost in money and in own time to construct:

The Hay Basket costs USh 35,000 - 55,000 (USD equivalent 9.5-15) and making a Hay Basket takes about 4 hours.

Lifetime:

3-7 years, depending on how it is handled.

Maintenance needed:

Washing of the cloth.

Resources needed in use:

No resources needed.

Problems and limits:

It can fail to perform cooking task if it is not well constructed. This can happen if the person who makes it, does not follow the instruction precisely.

Where and how can you get it or make it?

Use trained people to make it. You can also buy already made from established selling points, or make order at JEEP Folkecenter.

Skills needed to produce, install, maintenance, use:

Production needs a trained person.

How to use it:

The food needs to be half cooked on a stove and then it should be placed into the basket to get the boiling completed. Cooking time depends on the type of food. For example, rice should be boiled for 5 minutes on the stove and it will take 30 minutes to get ready in the basket. Beans and beef will take longer cooking time in the basket.

How to maintain it:

Not relevant.

Climate effect (if any):

It is 100% environmentally friendly since there are no emissions when using this technology.

Where it is used and how many users are there?

It is used in Uganda by over 50 districts in rural and urban areas.

Why is it successful?

It is easy and cheap to make and it is made using locally available materials.

If you can make it, a short description, typical problems, materials needed:

Cotton, basket, container e.g a saucepan, polythene, cotton cloth, thread and needle.

How to make it (if possible):

Not relevant.

How is it delivered and by whom?

It can be accessed from trained people who make it. You can also buy already made from established selling points or place an order at JEEP.

Successful financial model

Support for development, training, establishment of unions of makers, constructors.

What policies and strategies helped the success?

Funding from development partners and JEEP friends.

More info:

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Sources:

<https://jeepfolkecenter.org/>

When was the case uploaded?

2020-09-29

*Case from Catalogue of Local Sustainable Solutions
in East Africa. Read more and see partners at*

localsolutions.inforse.org