

BANANA FLOWER PICKLE (THOKKU) FROM WASTE BANANA MALE FLOWER BUDS



Banana Flower Pickle (Thokku) from
waste banana male flower buds

Application / Use

The banana male bud is a waste material produced during crop production with less economic value. It is converted into a high value added product by making pickle (Thokku). The process involves removal of pistil, blanching, grinding and addition of spices and oil. The protocol and recipe was standardized. The product is tasty and stable for a year at room temperature. It can be adopted by food processing industries for commercial manufacture of pickles (Thokku). It is a low salt, low oil pickle suitable for all age groups. It is creation of wealth from waste and an additional source of income.

Description

The banana male bud is a waste material produced during crop production with less economic value. It is converted into a high value added product by making pickle (Thokku). The process involves removal of pistil, blanching,

grinding and addition of spices and oil. The protocol and recipe was standardized. The product is tasty and stable for a year at room temperature.

Input needed

Raw material: Banana male flower bud

Plant & Machinery: Working tables, blancher, grinder, frying pans, pickle filling and packing machine/ pouch sealing machine

Power: 5 HP

Manpower: 6 persons

Land /Space : 1000 sq. ft. covered plinth area.

Investment: Rs.1.50 lakhs

Specific benefits and impact

It is rich in fibre and low in salt hence good for health. Banana flower has medicinal values. The technology is simple and easy to adopt. The raw material is easily available and the cost benefit ratio is very high. Highly suitable for rural enterprises.

Nutritive Profile (per 100 g)

Energy	- 384.282 Kcal
Total Carbohydrate	- 14.00%
Fat	- 34.75%
Protein	- 3.883%
Acidity	- 0.691%
PH	- 4.43%
Total chlorides	- 6.76%
Acid Value	- 5.61mg (KOH)/g
Crude Fibre	- 2.88%

P (%)	K (%)	Ca (%)	Mg (%)	Na (%)	Fe (ppm)	Cu (ppm)	Mn (ppm)
0.257	0.433	3.028	1.388	2.70	1.90	0.3950	1.045

BANANA SOUP MIX USING BANANA FLOWER AND FLOUR



Banana Soup Mix using
dried banana flower and
flour

Application / Use

It can be adopted by food processing industries for commercial manufacture of banana soup. It is suitable for all age groups. It can be adopted by small to medium scale industries.

Description

It is a banana male bud is a waste material produced during the crop production with less economic value, which is converted into high value added products. This process involves mixing of banana flour, corn flour, dried

vegetable and spices in various proportions. The product is tasty and stable for six months at room temperature without affecting quality.

Input needed

Raw materials: Banana male flower and banana flour,

plant & machinery: hot air oven, flour mill, blender and packing machine.

Power: 10 HP

Output capacity: 50 kg per day (8 hours)

Specific benefits and impact

Banana male bud is a waste material which has several medicinal properties and the raw material is also easily available. It is highly suitable for rural enterprise.