

# North East Farm Innovators Meet 2020

## Processing of temperate fruits for wine preparation



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## INTRODUCTION

Temperate fruits such as Peach (*Prunus persica*), Pear (*Pyrus communis*, *Pyruspyri folia*), Plum (*Prunus domestica*) are well suited to the Northeastern Region of India including the West Khasi Hills District of Meghalaya. These fruits are rich sources of vitamins, minerals, amino acids, sugars. They are ideal for table purpose and excellent for processing purpose. The innovation started as a way to solve the problem of wastage of these fruit crops as they are highly perishable in nature.

## About Innovation

Surplus yield of fruits in the area often leads to wastage. Intervention of fruit processing practices helps in mitigating wastage. The early stages of this innovation started as trials in 2015 and required further refining. Wine production is done using Peach, Plum and Pear.

### Steps :

- ◆ After picking , fruits are thoroughly washed
- ◆ After washing they are placed in containers or buckets
- ◆ Water is then added until completely covered
- ◆ The containers are sealed airtight
- ◆ Overflow hose pipe is attached at the top for draining the final product.

## Economic Analysis

- ◆ Production cost is low as inputs are locally available or obtained within the farm.
- ◆ The calculated B: C ratio from the innovation is 2.2.

## Marketing

- ◆ The product was first marketed within the Village and District.
- ◆ It is now distributed and sold at stalls in various Agri- Horti Programmes within the State of Meghalaya.

## Benefit / Impact

- ◆ Additional source of income for household.
- ◆ Prevents wastage of harvested fruits.

## Consumer's feedback

- ◆ After tasting the consumers showed their interest as promising future buyers.
- ◆ Consumers felt the natural flavours of the fruits.
- ◆ Medicinal properties that soothed constipation and other gastrointestinal problems was observed and given as feedback.



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