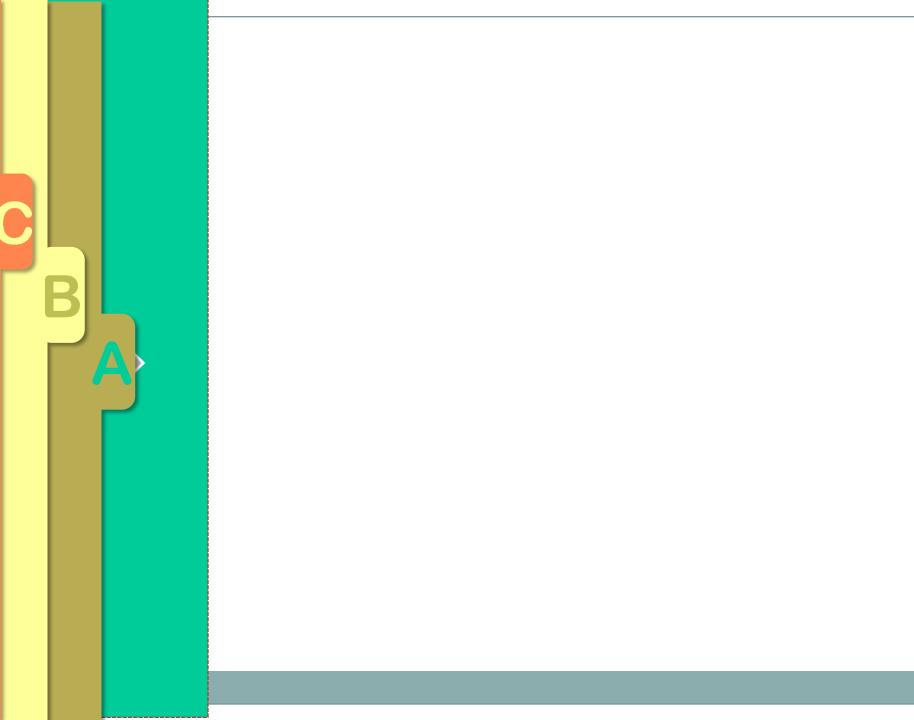
CHANDRA MATRICULATION HIGHER SECONDARY SCHOOL

EVOLUTION OF FOOD AND PRESERVATIVE TECHNIQUES USING HOUSE GARDENING

RAAGAVARTHINI P



OBJECTIVES

TO STORE FOOD WITHOUT POWER CONSUMPTION

TO HAVE ECO FRIENDLY REFRIGERATING METHOD



TO GET COST EFFICIENT STORAGE METHOD



To reduce the level of room temperature



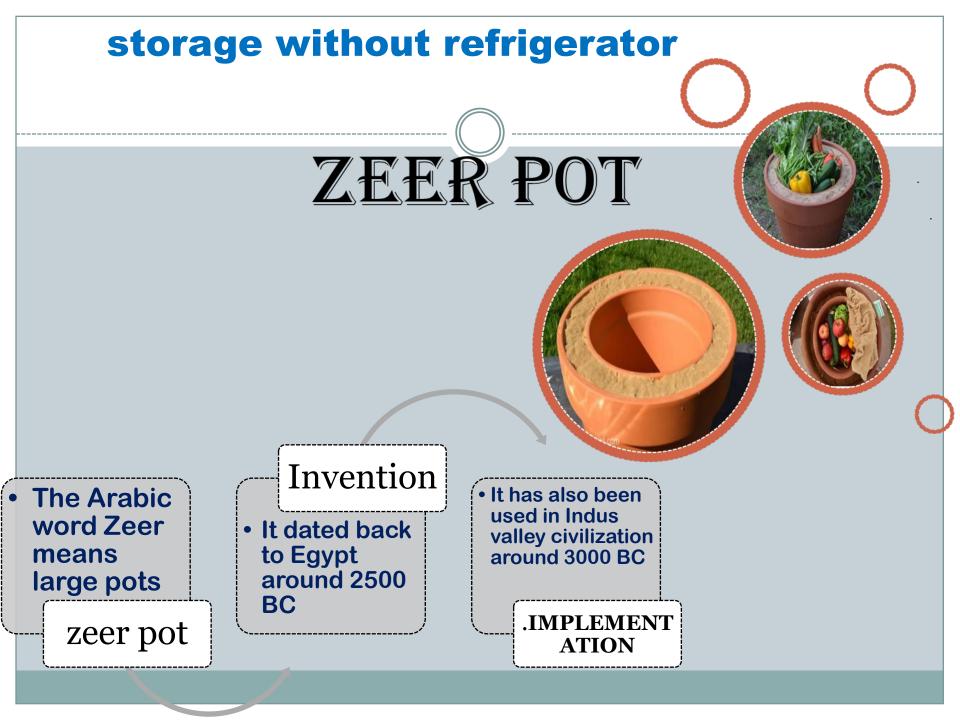
To bring weightless roof gardening.

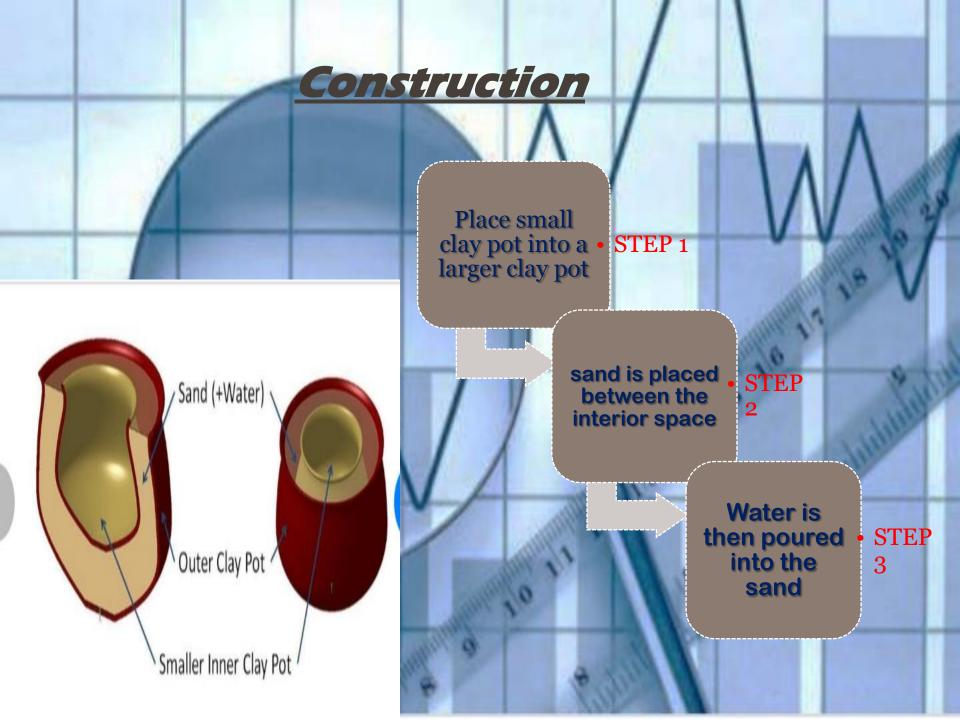
To get healthy fruits and vegetables.

Foods stored in refrigerators

It helps in keeping food for prolonged period.

> It requires electricity. Emits chlorofluorocarbon. Spoils the nutrients in food.



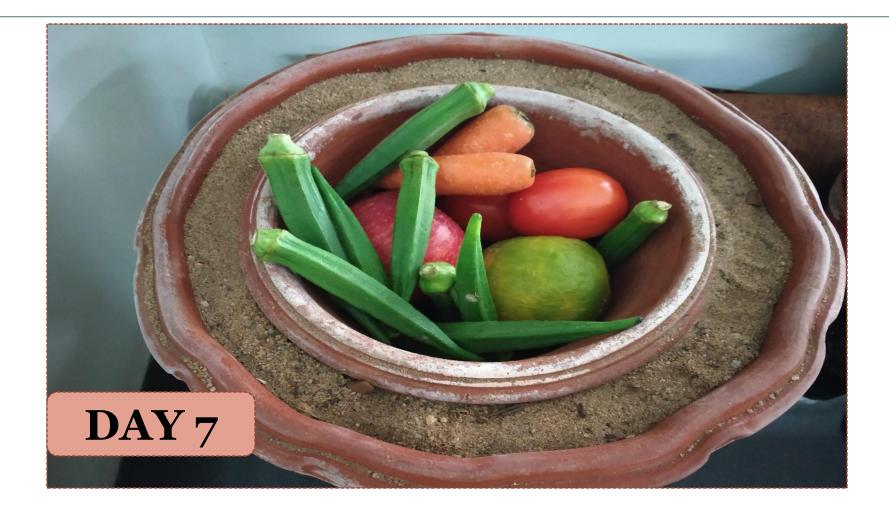


WHY ZEER POT









STILL FRESH !!!



ECOLOGY IN ACTION

Rooftop Gardens

WHY A ROOFTOP GARDEN?

- Reduce the "urban heat island effect"
- Reduce amount of greenhouse gas
- Provide more space for agriculture
- Reduce and clean storm water runoff
- ×Reduce energy consumption
- Increase the beauty of cities





DISADVANTAGES OF USING SOIL IN ROOF TOP GARDENING

Require extra maintenance



Roof garden weight and structure

Alternate for normal soil in roof gardening

SOIL LESS MEDIUM



PREPARATION METHOD OF SOILLESS MEDIUM



All these substances are mixed with little amount of charcoal and allowed for 2-3 weeks for the formation of the medium.

Plants cultivated using soil less medium











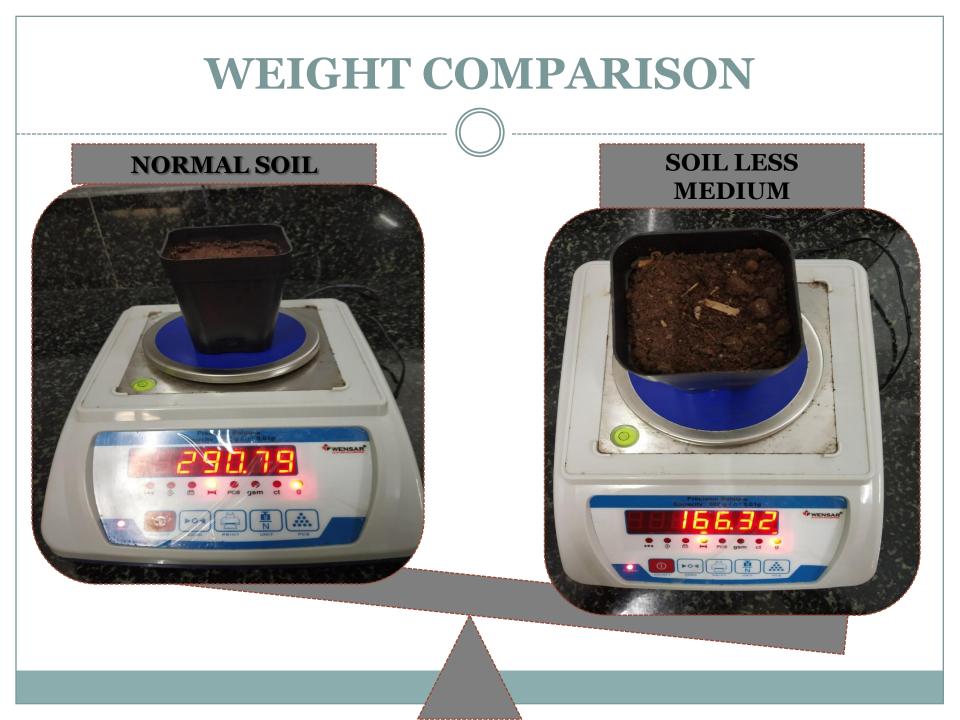


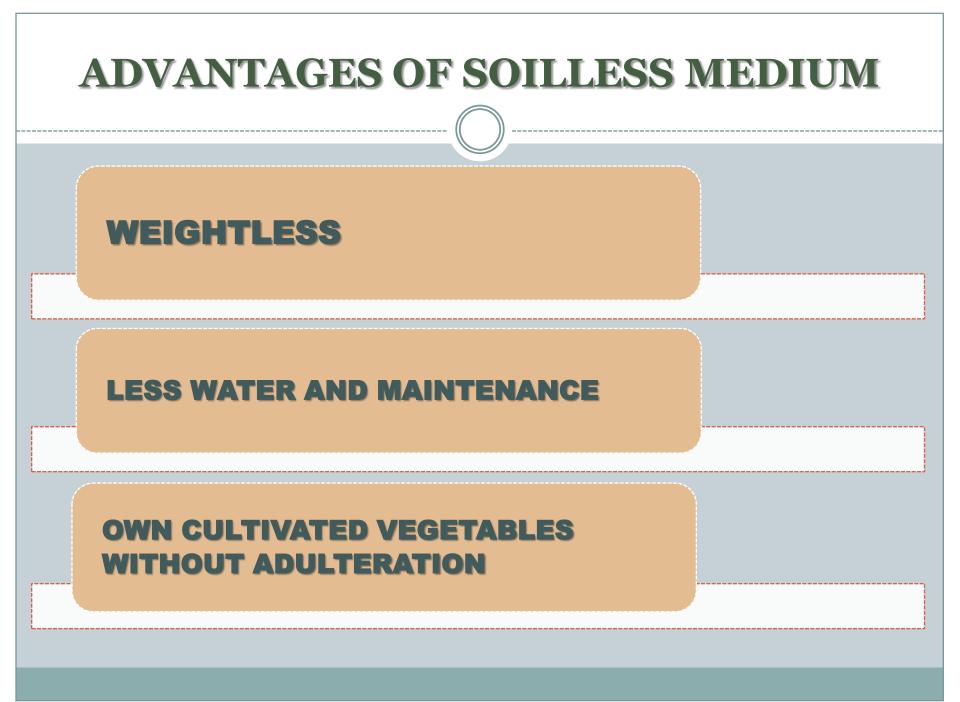
TYPES OF CONSTRUCTION USING SOIL LESS MEDIUM



TOWER PLANT SELF WATERING PLANT

WALL GARDEN





THANK YOU



