



W.K.
KELLOGG
FOUNDATION

Welcome to Sustainable Farmer Institute

Carrots
\$1.50

Beets
\$1.00

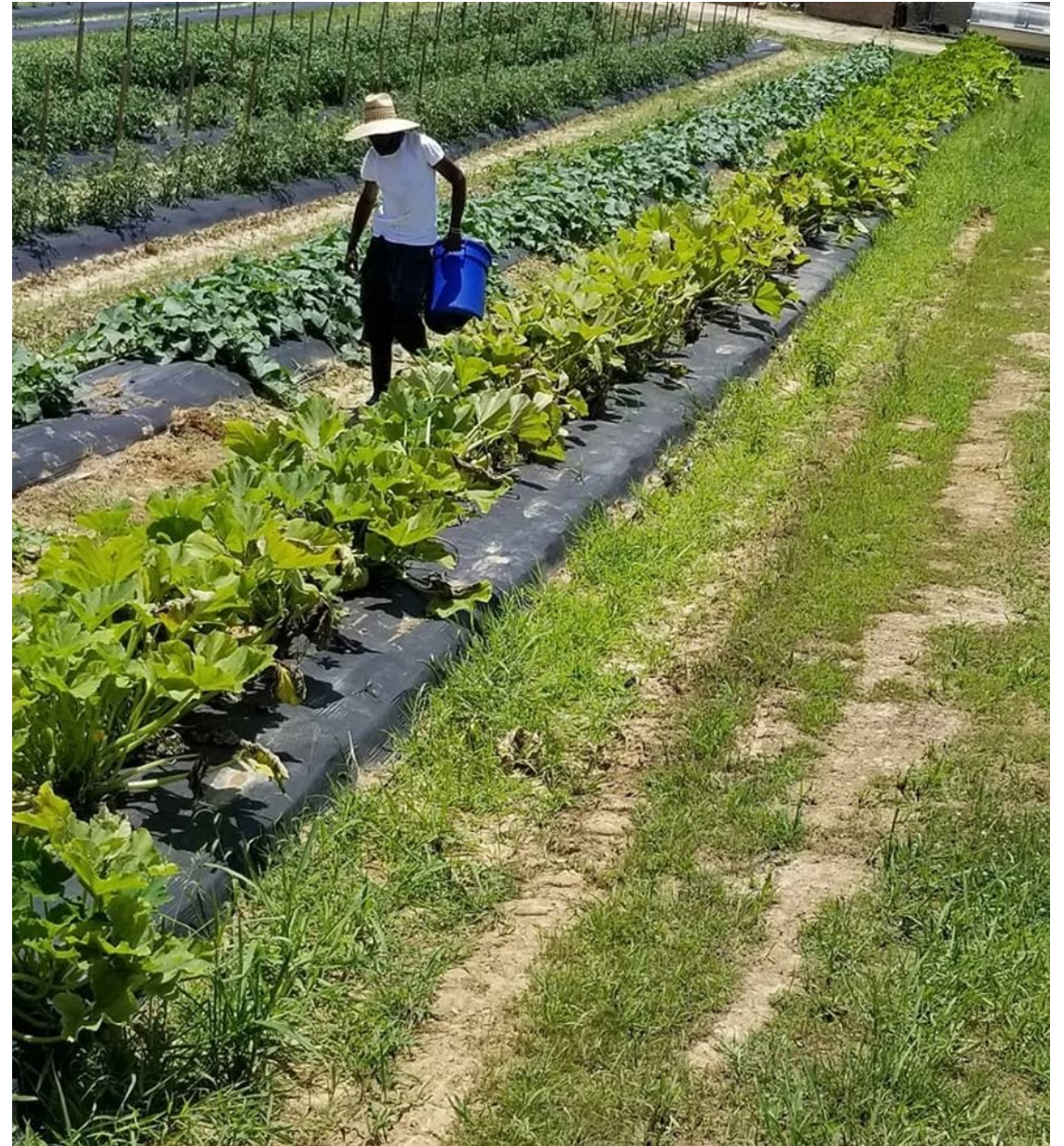
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Urban Agriculture & Sustainable Farming

What is Urban Agriculture??

Urban Agriculture is the practice of cultivating, processing and distributing food in or around towns and cities.



WHY IS THIS IMPORTANT!?



Problem

We are faced with growing population

Growing Expense in Cost of Living

Environmental Impact

Food Deserts in Cities

These Things Directly Impact the Quality of Life for the People Who Lives in Cities

Solution: Micro Farming In and Around Living Space



Includes all types of Gardening:

- Roof Gardening
- Container Gardening
- Raised Bed
- Traditional



What is Sustainable Farming??


Sustainable farming is to farm in a way that protects the environment and expand natural resources and **nonrenewable resources**.

Nonrenewable Resources???


- Oil
- Natural Gas
- Coal
- Energy

Benefits of Sustainable Agriculture

Environmental Preservation- sustainable farming produce crops and raise animals without relying on toxic chemicals or practices that degrade soil, water or other natural resources



Protection of Public Health-Due to avoids of hazardous pesticides, they can grow fruits and vegetables that are safer for consumers, workers and surrounding communities.



Sustaining vibrant communities- As a result provides farmers, farm workers, communities a livable wage and safe fair working condition

TECHNIQUES OF SUSTAINABLE FARMING

INTEGRATED PEST MANAGEMENT (IPM) IPM is a broad-based approach that integrates sustainable practice for economic control of pests. A practice used to keep pesticides to levels that reduce or minimize the risk to humans' health and environment

CROP ROTATION- Sustainable practice of growing series of different types of crops in same area in sequential seasons, This gives various nutrients to soil and improve soil structure and fertility.



MORE TECHNIQUES

USE OF ORGANIC FERTILIZERS-Organic waste are derived from animal matter or veg matter. The use of organic fertilizes in sustainable gardens and farms are quickly gaining popularity.

CONSERVATION TILLAGE- conservations tillage is any method of soil cultivation that leaves the previous years crop residue on fields before and after planting the next crop. Reduce soil erosion, improves soil health.



**LET'S GET
STARTED!!!**



THANK YOU!!!