

The background features a stylized landscape. The top portion consists of several overlapping, semi-transparent green triangles of varying shades, creating a mountain range effect. Below this, a horizontal band of bright yellow and orange colors, with a slightly textured or grainy appearance, represents a field or a sunset. The bottom edge of the image shows a dark green silhouette of a field or forest.

# Solutions to Food Deserts

Urban Agriculture; Permaculture; Aquaponics

# What is a Food Desert?



# Race, Class, Sprawl



# Agriculture & Urbanism

- 13,000 Years Ago (Neolithic Revolution)
- Urban Settlements
- Urban/Rural Divide

# Food Production In the City



1970s



# Laura Lawson

- “Gardening...became a venue for community organizing intended to counter inflation, environmental troubles, and urban decline.”

# Youngstown





# Iron Roots



# S.P.I.N.

- Small Plot Intensive: 1.7 Acres

# Urban Gardens



# Green Jobs



# Permaculture (Edible Landscapes)

the 3 permaculture ethics



# Permaculture



# Zones

- Zone 1– Area of the House – Vegetables, herbs, medicinal,
- Zone 2 and 3 – Main Crops: Orchards, Food Forests

# Aquaponics

