

## Organic Gardening Made Easy

Kinda

### FOG

Florida Organic Growers  
2002----National Organic Standards  
2015---C.O.O.L  
Repealed  
M.I.T and Target team  
Mass spectrometer



## 1945

- War ends
- Supplies of poisonous gas and nitrates need to be used
- Farms flourish with artificial fertilizer, herbicides.
- Frozen foods industry
- Urban migration



## Avoid the Dirty Dozen

- 1988 National Research Council –children are uniquely susceptible to pesticide exposure
- Sweet bell peppers, strawberries, lettuce, spinach, potatoes



## O.R.G.A.N.I.C.

- Feed the soil
- and the soil
- will feed the plants
- And YOU

## Reasons to grow organically

- Ingest fewer pesticides, herbicides, miticides, fungicides, fumigants, defoliants, desiccants, etc.
- Ground water care
- Soil Care
- Land Fill Overload

## Ground No soil, no problem



## Squarefoot Gardens

- Life plus a garden
- Paint by numbers
- System designed by civil engineer



## Actual Info

- 1. Start small
- 2. Have your soil tested
- 3. Use cover crops
- 4. Keep soil FLUFFY (dig a hole)
- 5 Use EDIS pubs IFAS Organic Vegetable Gardening James Stephens CIR 375

## Natural Garden Nutrition

- Compost is KING
- Composted manures( cow, horse, chicken)
- No garden weddings
- Nitrogen =Fish emulsion
- Worm poo is good too
- Mulch, mulch, mulch

## Worms \$\$\$\$\$



## \$1.05 or LESS



## It's about water

- Water in the morning
- Sun warmed
- Micro or drip irrigation
- Aqua cones/ rain barrels

## Aqua Cones



## Inquire

- TOMATO CODE
- F= fusarium wilt
- V=Verticilium wilt
- N=Nematodes
- SRKN=southern Root Knot Nematode
- TMV Tobacco Mosaic Virus
- BW= Baterial Wilt

## Clobber pests—Scout first

- Biorational Pesticides
- natural origin
- few or no adverse effects on non target
- Neem, Pyrethrum , Sulfur, Diatomaceous Earth, bacillus Thurlinlensis Bt. Insecticidal soap, Horticultural oils

## Clean Up

- Remove old crops
- Pick off diseased fruit
- Do not smoke or use tobacco near the garden
- Turn soil frequently



## Connect with the organic tribe

- Pollution of air, land, water a concern
- Concern over food quality
- Increased electronic isolation



### Connection Power



### Agripreneurs ( aka businessmen and women)

- SPIN Farming— Commercial vegetable farming system of less than an acre. rchristensen@info.commercegroup.com
- Local—Gleaners, installers, maintainers



### Container Gardening for Health



### Human Resources

- IFAS -Mary Puckett
- Friends and neighbors



### Cyberspace Tools

- Youtube (DIY)
- TEDS ( energy from the luminaries)
- Doodle ( when can we meet to weed?)
- Gardeners.com ( planning tools)

### Web

- <http://edis.ifas.ufl.edu/pdf/files/docs/EES113> (also CIR 375)
- <http://solutionsforyourlife.ufl.edu>
- [www.localharvest.org](http://www.localharvest.org)
- [www.squarefootgardening.com](http://www.squarefootgardening.com)