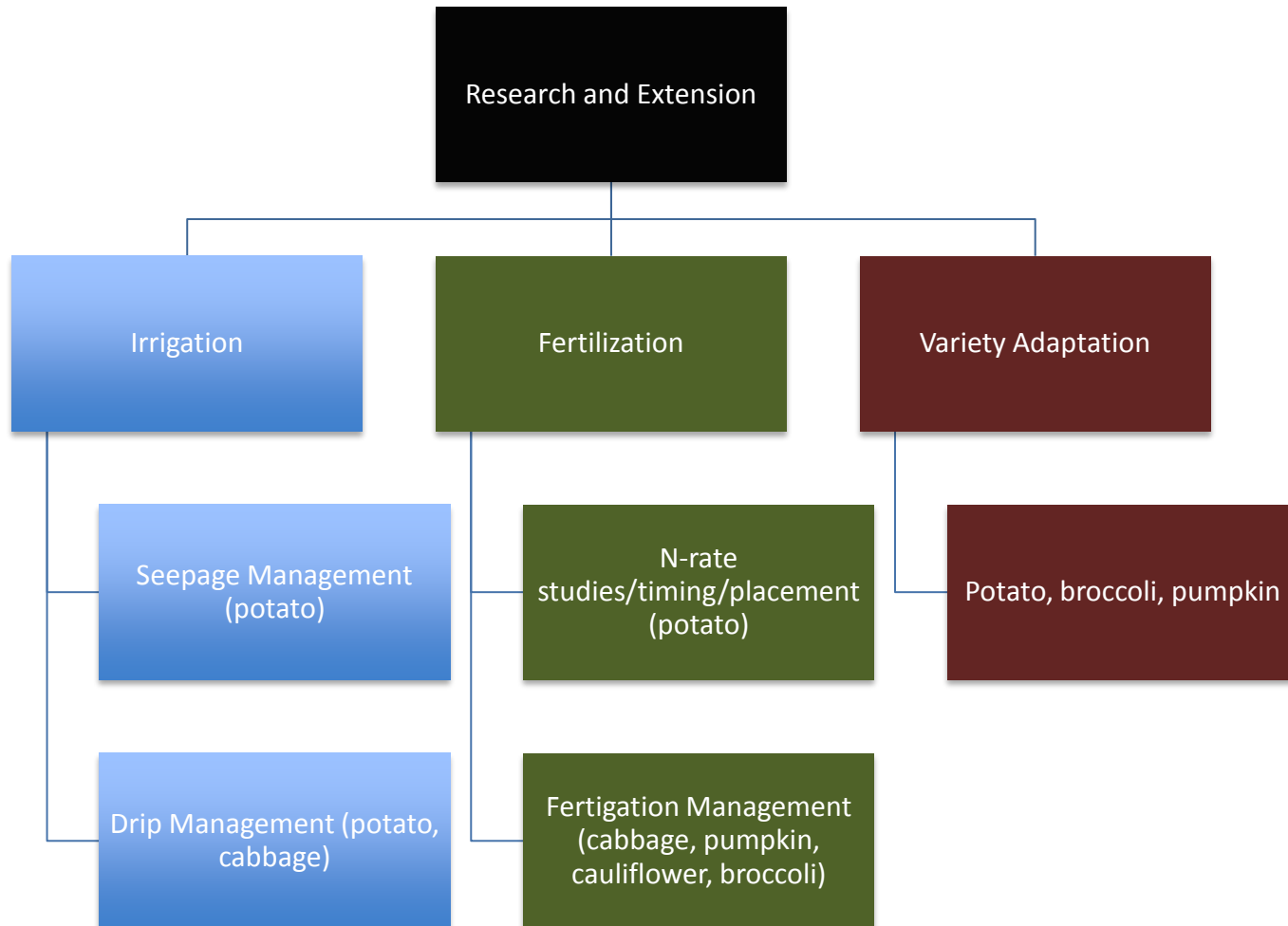


# UF Partnership for Water, Agriculture & Community Sustainability at Hastings Downtown Facility

Lincoln Zotarelli  
Horticultural Sciences Department  
University of Florida



# Research/Extension/Educational Program Areas



# Potato Research/Extension

## Drip Irrigation

Objective: *“Develop and explore drip irrigation designs to save water, lower N-fertilizer requirement while maintaining/increase potato yield and quality”*

### 1. Cowpen Branch Research Farm

- ✓ 2011 and 2012
- ✓ Surface drip tape; buried drip tape (seed level); seepage
- ✓ 3 potato varieties (Atlantic, Fabula and Red Lasoda)
- ✓ Replicated trial – 4 reps

### 2. On farm demonstration

- ✓ 2011 – Tater Farms, Chris Johns
- ✓ 2012 – Blue Sky Farms – Danny Johns



# Potato Research/Extension

## Drip Irrigation

Who is working on this project:

1. Joel Reyer (MS. Student)
2. Mildred Nakani (PhD Student – postharvest)
3. Doug Gergela (support farm crew)
4. S. Sargent
5. M. D. Dukes
6. L. Zotarelli

# Potato Research/Extension

## Drip Irrigation

2012 – Efforts expected from TCAA-Extension Team

- ✓ Field day – Potato School to present and discuss the trial with growers based on results obtained from previous year;
- ✓ Follow up with 2012 – drip demo
- ✓ Publish scientific paper (2 yr data) and EDIS;



Thank you!

