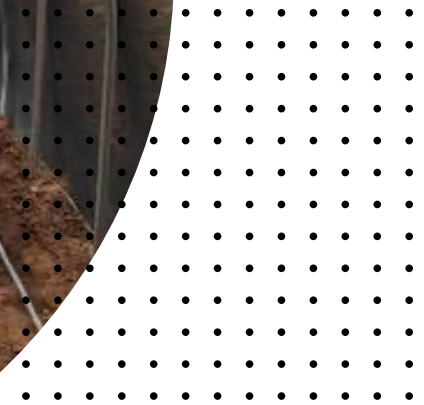
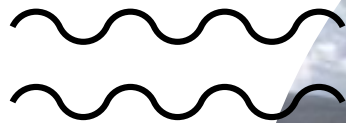
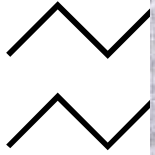


# MINI HOOP - HOUSE

DARRELL YAZZIE JR  
EXTENSION AGENT  
DINE COLLEGE  
FEBRUARY 8, 2023



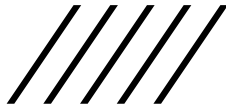


# What is a Hoop-House?

- The main difference between a greenhouse and a hoop house is that a hoop house is a semi-permanent structure extending the growing season while a greenhouse is a permanent structure with climate control abilities and often has ventilation and heating units to maintain temperatures, humidity, and airflow.



# ○ Difference between a Green House / Hoop House



# MINI HOOP HOUSE

AKA

“SEASON  
EXTENDER”



# ○ What ground prep is needed?



## Layout of ground

- Width – 2/2.5 feet wide
- Length – 5/10 feet wide
- Height – 3 feet

Measure out with lines to keep a square box shape

## What will you be growing?

- Spacing needed

## Materials

- Tools (shovels, hammers, etc.)
- Agri-Fab (modify to pc piping)
- 1-inch pc plastic piping

# ○ What can be grown in it



Leafy greens

Nothing too tall

Higher humidity needs

Not direct sunlight

Use as a tool to reduce water usage



**COMMUNITY**

**INVOLVEMENT**

**MAKES EASY WORK**



# ○ Do you need a raised beds?

Depends on  
your resources

Does require  
physical work

Start-up  
investment

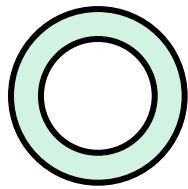
Needs to be  
redone every  
two years

Does save  
space

Height level  
accessible

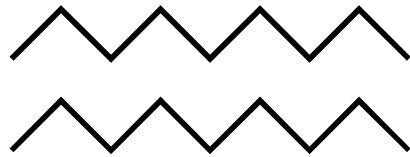






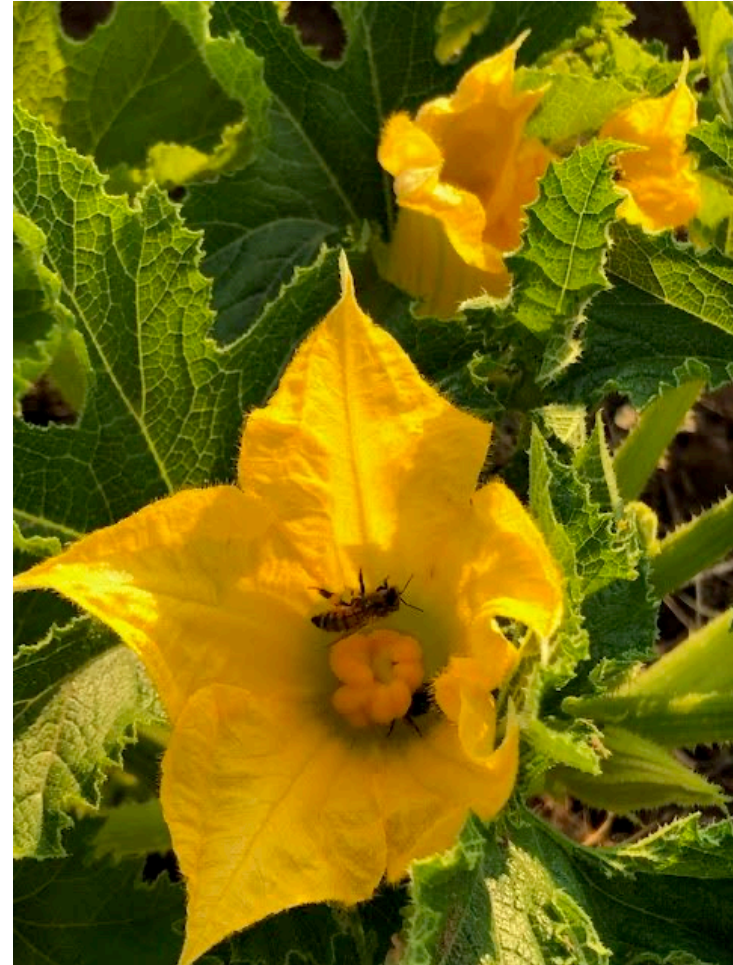
# Additional Options

- Walls-of-waters



# POLLINATION // // //

- Hand Pollination
- Insects
- Plants Selection
- Incorporate Wind



- Seed starts
  - Seeds
  - Soil
  - Seed Start Trays
  - Watering
  - Transplant into ground



## COMPANION PLANTING

Plant	Companions	Incompatible
Asparagus	Tomato, Parley, Basil	
Beans	Most Herbs & Vegetables	Onion
Cabbage	Aromatic Herbs, Celery, Beets	Straberries,
	Onion Family, Chamomile,	Tomato, Dill
	Spinach, Chard	
Carrots	Peas, Lettuce, Onion	Dill
	Sage, Tomato	
Celery	Nasturtium, Onion	
	Cabbage, Tomato	
Cucumber	Beans, Peas	Aromatic Herbs,
	Sunflower, Raddish	Potato
Lettuce	Carrot, Radish	
	Strawberry, Cucumber	
Onions	Beets, Carrot,	Beans, Peas
	Lettuce, Cabbage	
Parsley	Tomato, Asparagus	
Peas	Carrots, Raddish	
	Turnip, Cucumber, Beans	
Potato	Beans, Cabbage,	Sunflower,
	Horseradish, Marigolds	Cucumber, Tomoato
Raddish	Peas, Nasturtium, Lettuce	Hyssop
	Cucumber	
Spinash	Strawberry, Faba Bean	
Tomato	Onion, Marigold, Asparagus,	Cabbage,
	Carrot, Parsley, Cucumber	Fennel, Potato
Turnip	Pea	Potato

## DETER PESTS

Plant	Kinds of Pests
Chives, Coriander	Aphids
Tansy	Ants
Pot Marigold	Asparagus Beetle
Marigold, Rosemary	Bean Beetle
Oregano, Sage,	Cabbage Moth
Hyssop, Mint	
Rosemary, Sage	Carrot Fly
Catmint (spray)	Flea Beetle
Basil	Flies
Garlic, Tansy, Rue	Japanese Beetle
Horseradish	Potato Bugs
Basil, Rosemary	Mosquitoes
Santolina	Moths
Marigold	Nematodes
Savory, Winter	Some insect repelling qualities
Nasturtium, Tansy	Squash Bugs & Beetles
Lavender	Ticks
Borage, Pot Marigold	Tomato Hown Worm



A H X E ' H E E  
( T H A N K  
Y O U )

