

water use in agriculture

coosaw farms

Who we are



Fairfax SC

what we grow

Watermelons

Blueberries (organic and conventional)

Blackberries

Field Corn

Cotton

Sorghum









- Family Farm
- Founded in 1983
- Donated 800,000 lbs to local food banks since March



Synergy of Triple Bottom Line

People, Profit, Planet

People:

Relationship between:

- **Our customers**
- **Our community**
- **Our employees**

People:



2%

**Of Americans work in
Agriculture**



100%

**of people need to eat
everyday**



contact

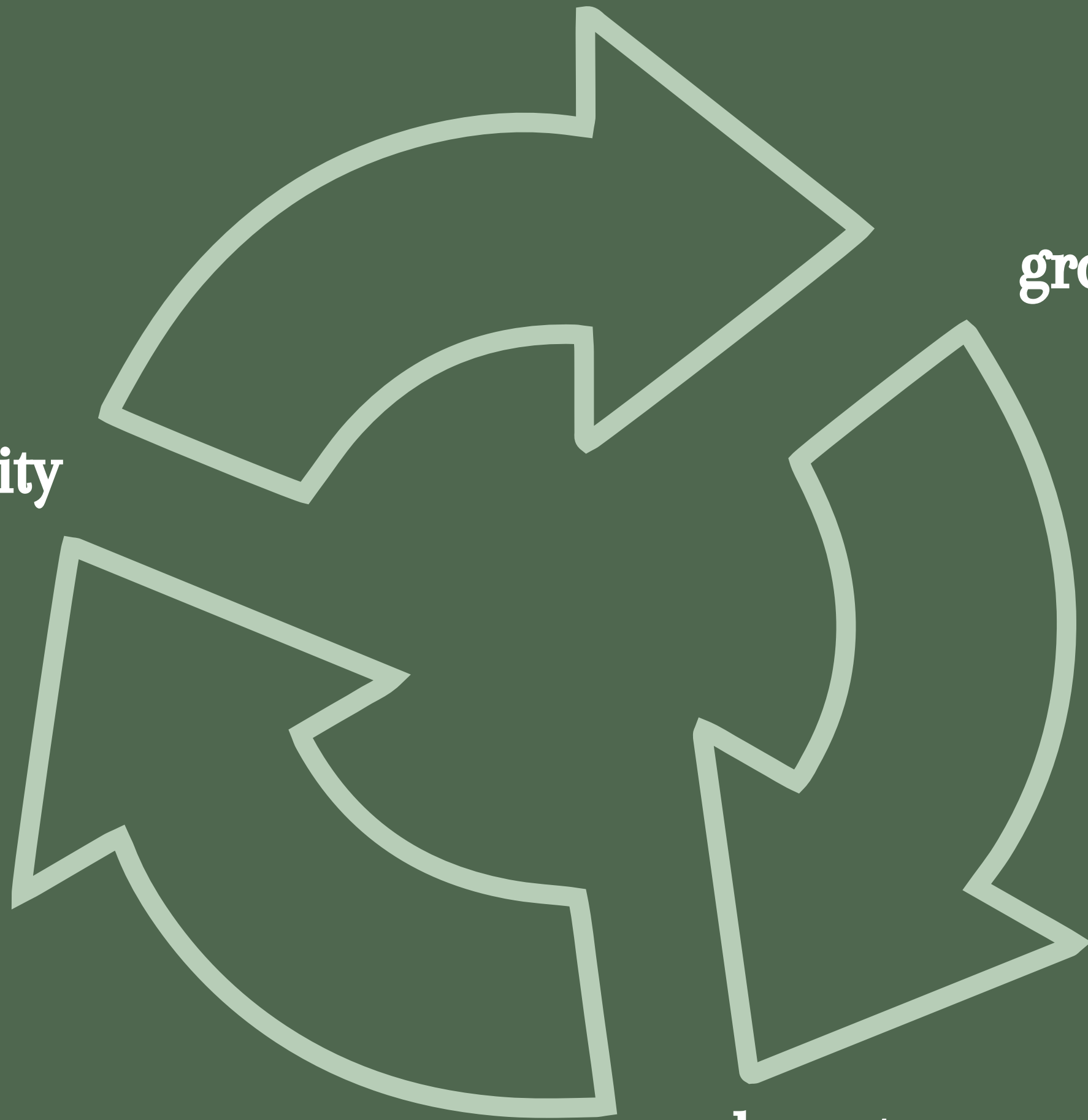
**direct contact from
farmers to consumers
has been lost**

Profit:

profitability

growth

long-term
viability



Long term viability

Relationship between:

- **Planning**
 - **Efficiency**
 - **Sustainability**
 - **Resiliency**
- 

profitability

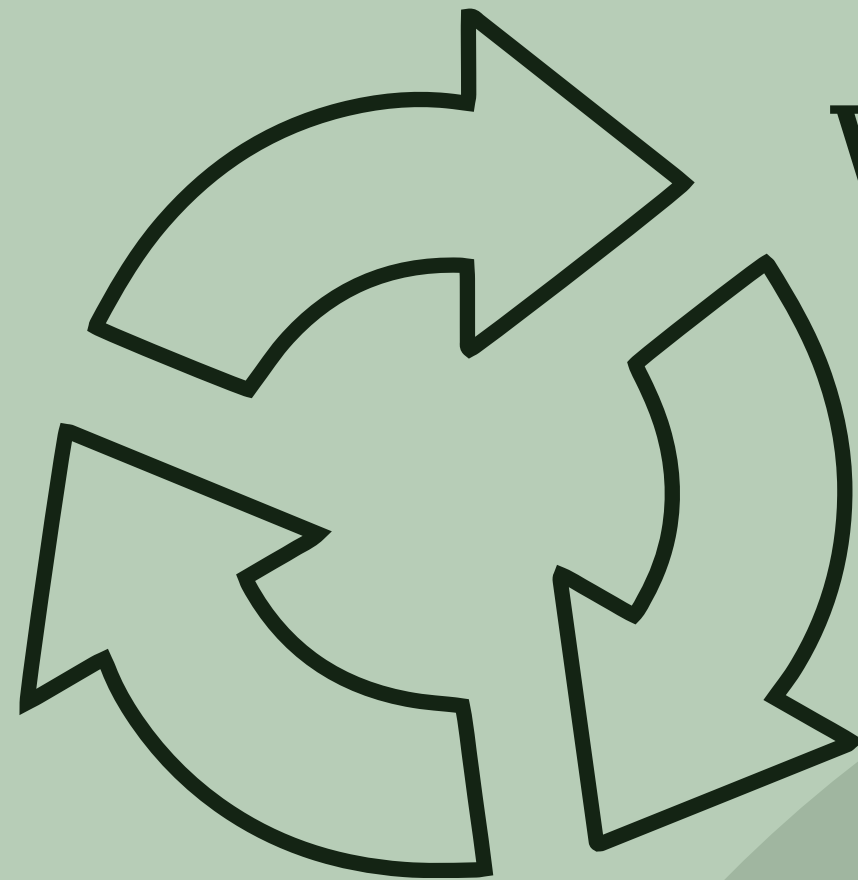
**ability to produce an
income greater than
expenses**

growth

**increase in
value**

Planet:

Conservation



Waste Management

Resource Use

Synergy of Triple Bottom Line

People, Profit, Planet

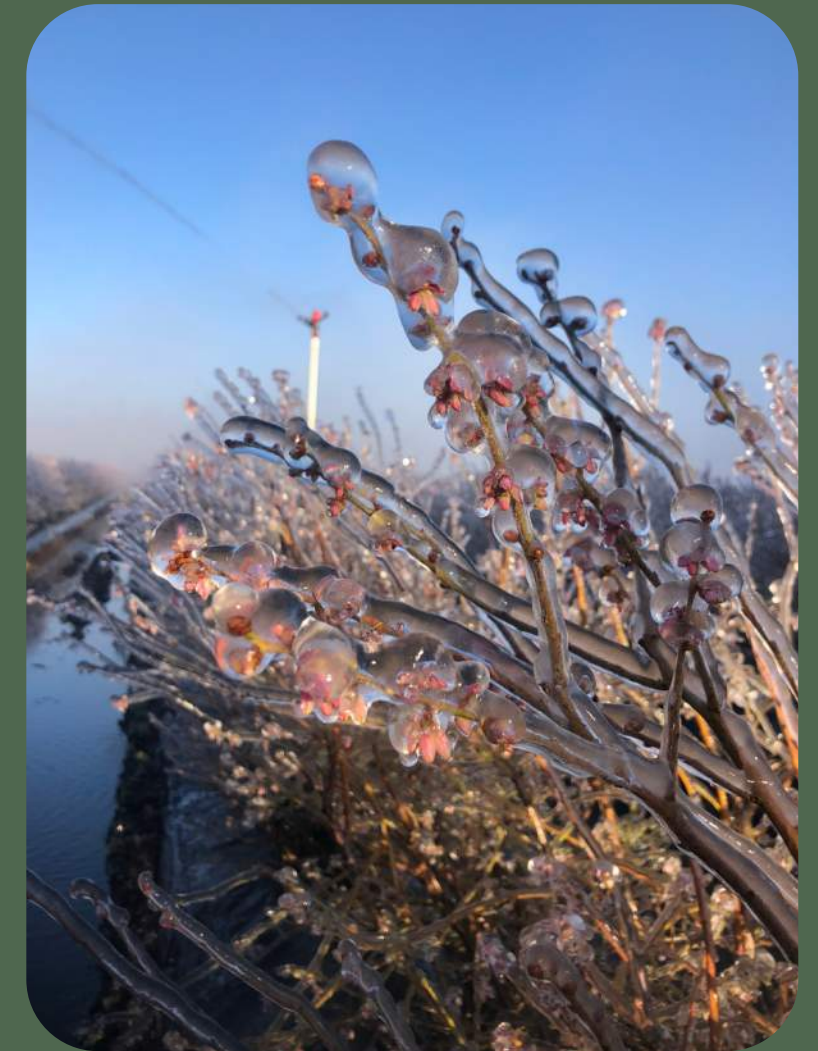
How we use water



Center
Pivot



Micro
Emitters



Solid Set
Sprinklers





**Drip tape in bed
covered with
plastic mulch**

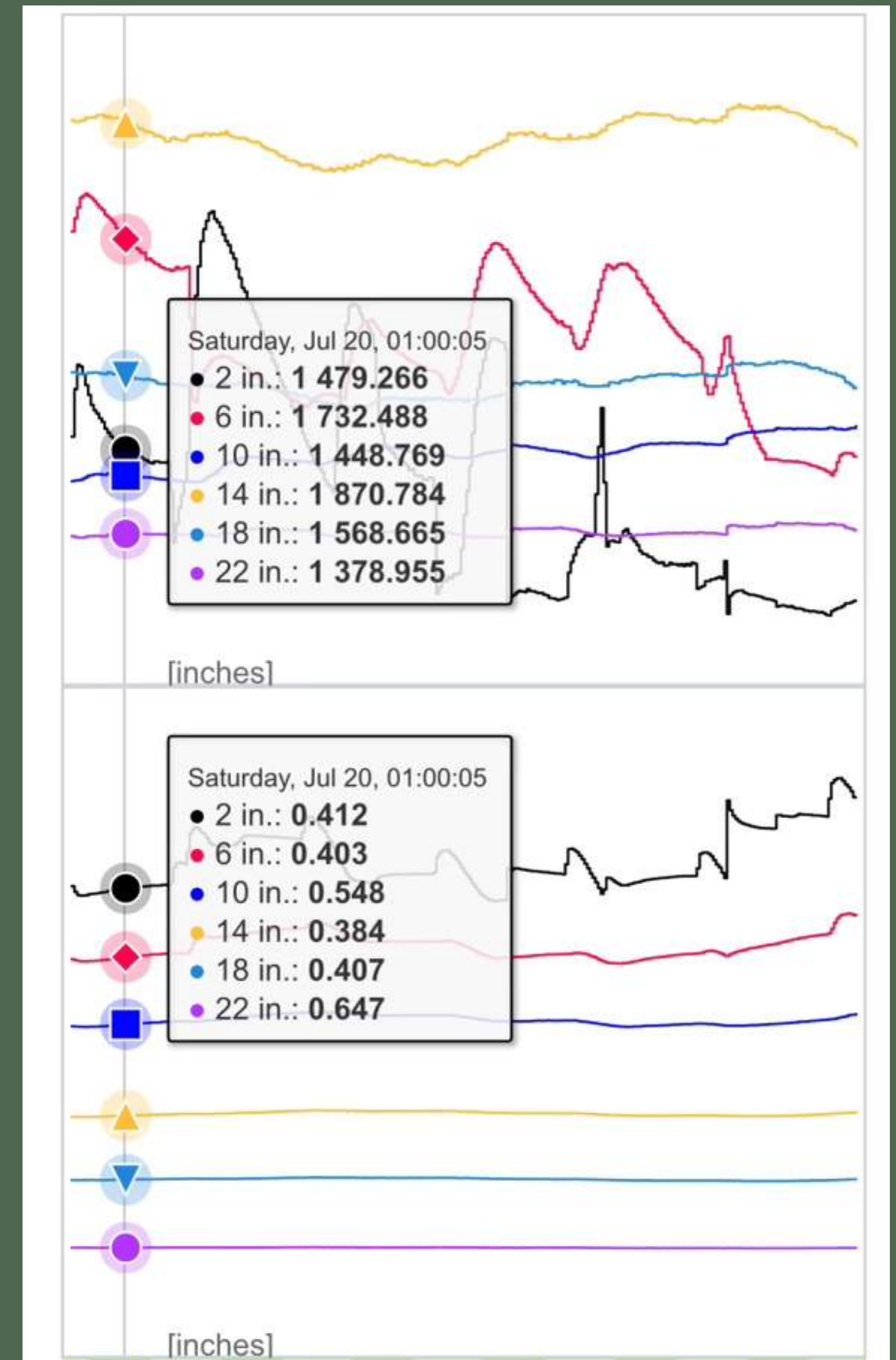
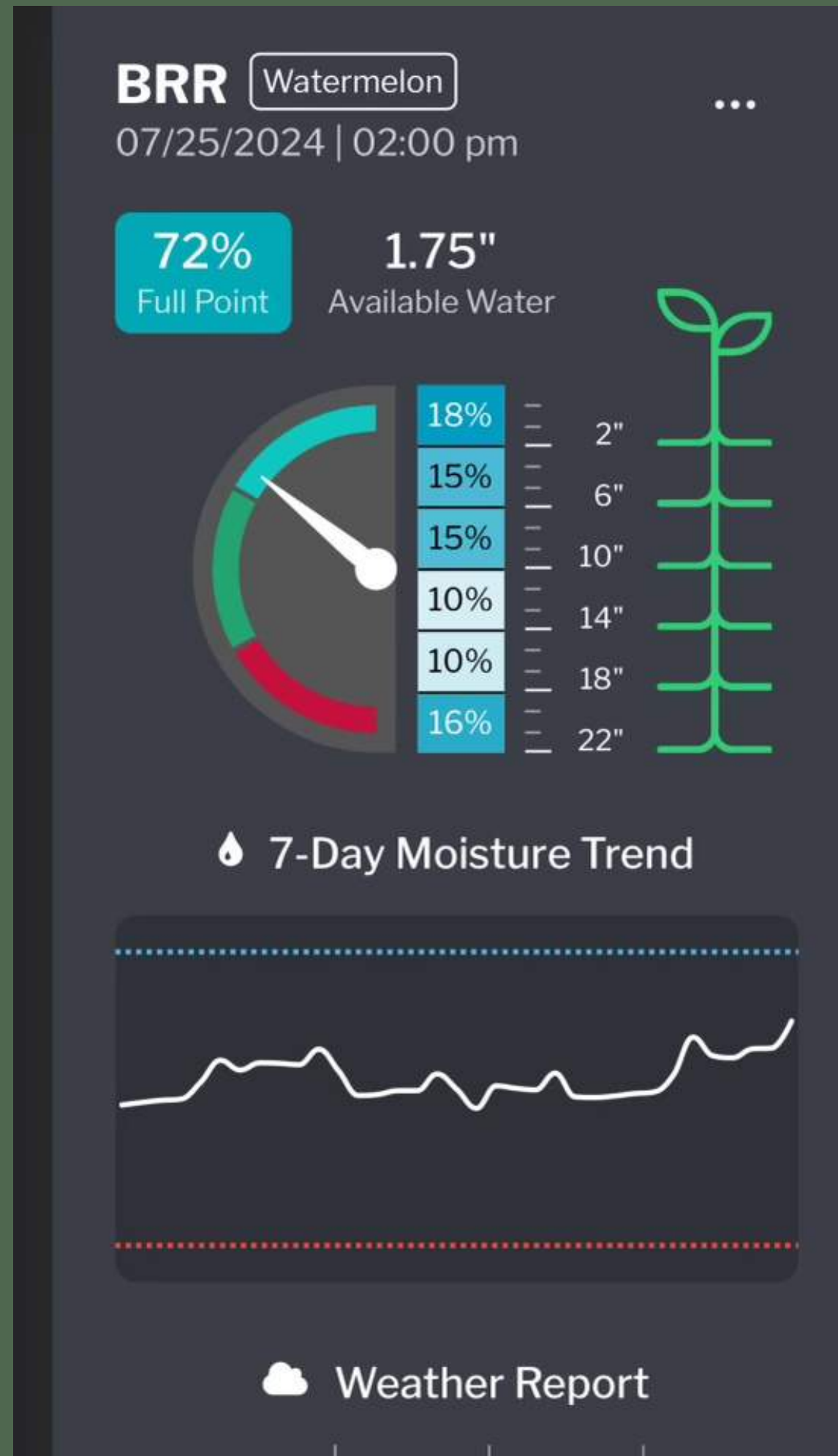


Filter Station

Filters to enable reuse of water



How we monitor our water use



Strategy For Conservation:

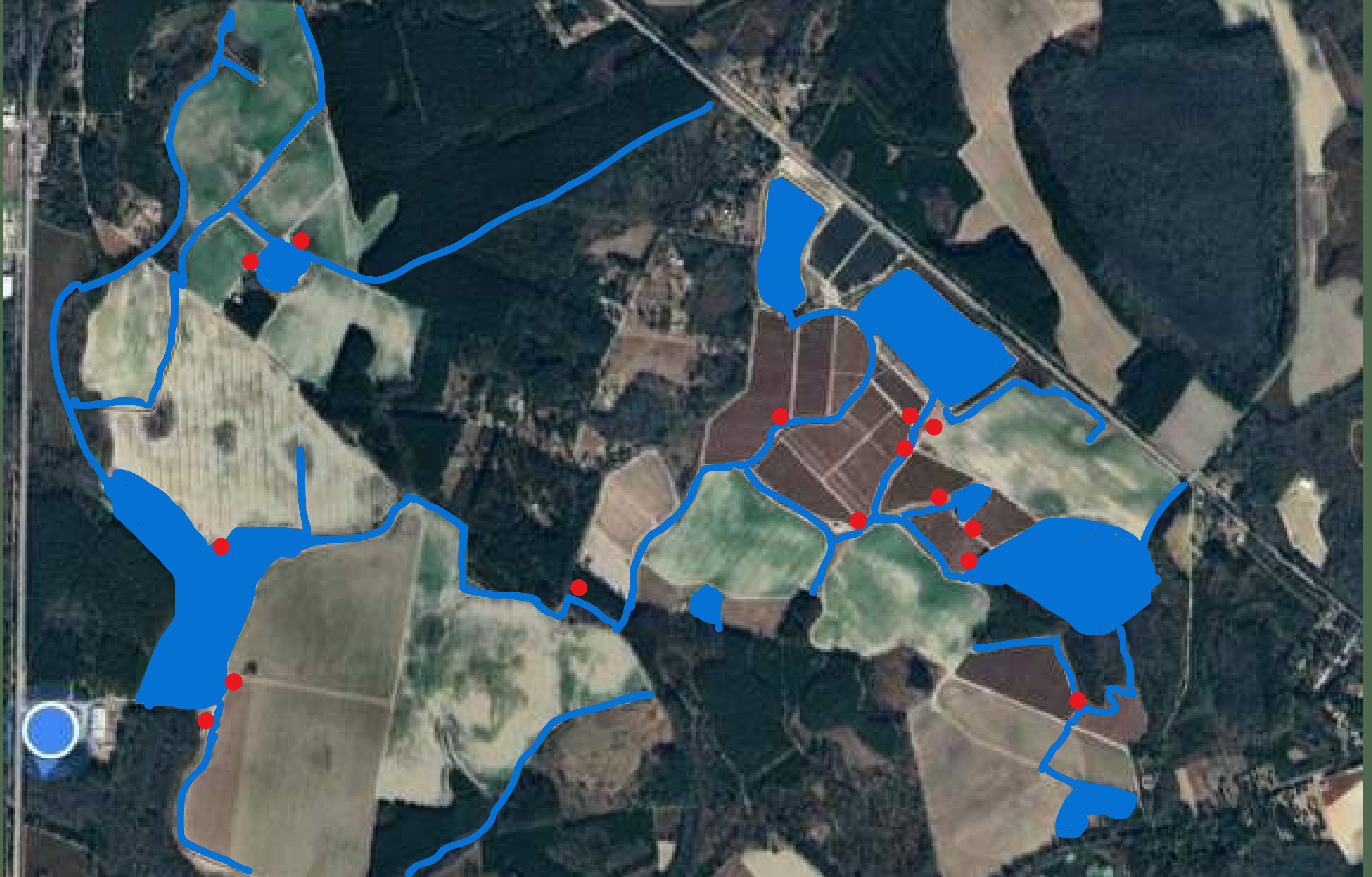


**Capture Rainwater
Out of Season**

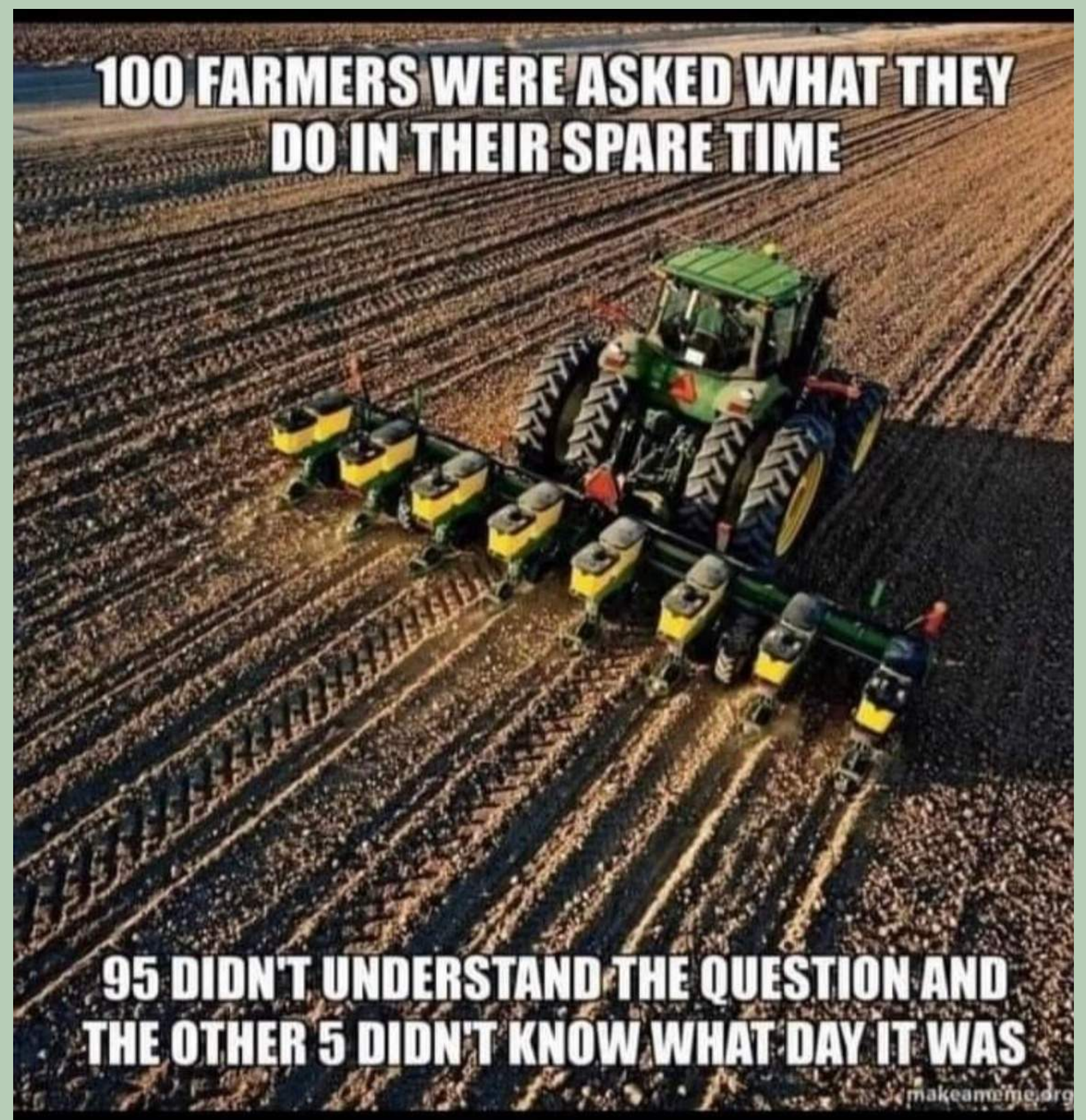


**Capture Excess
Runoff in Season**





Questions?



100 FARMERS WERE ASKED WHAT THEY DO IN THEIR SPARE TIME

95 DIDN'T UNDERSTAND THE QUESTION AND THE OTHER 5 DIDN'T KNOW WHAT DAY IT WAS



Thank you!