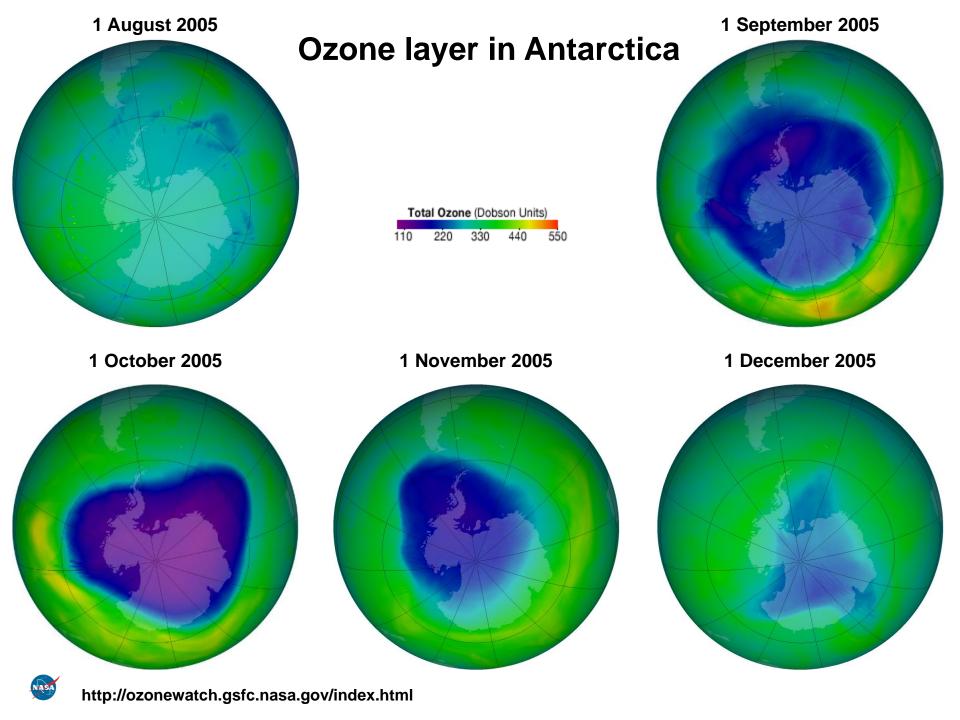
## Forming the Perfect Bed and Fumigation



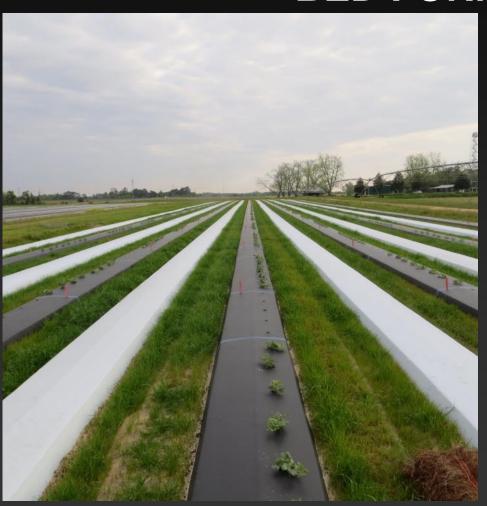
## Methyl Bromide

- > Over 50 years of use
- ➤ 1990 Montreal Protocol and Clean Air Act: methyl bromide was classified as a class 1 ozone depleting substance and for its gradual removal from the market.



## **Production Challenges**

#### **BED FORMATION**





Proper bed facilitates better fumigant, water & fertilizer movement

## 2020 Fumigant Systems For Weeds

1. Paladin Pic + Metam TIF

All common weeds

2. T2/Pic/Metam\* TIF

3. Paladin Pic TIF

Good nutsedge, watch grass and pigweed

4. T2/Pic/Metam LDPE

Watch nutsedge, good grass and pigweed

5. Pic Chlor 60 TIF

Watch nutsedge, grass, and pigweed...
...nematodes??

\*UGA 3-WAY: system of Telone II, Pic, Metam



## Can help with, trash, weeds and diseases



## **Ideal Bed Formation**

B A C K

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S

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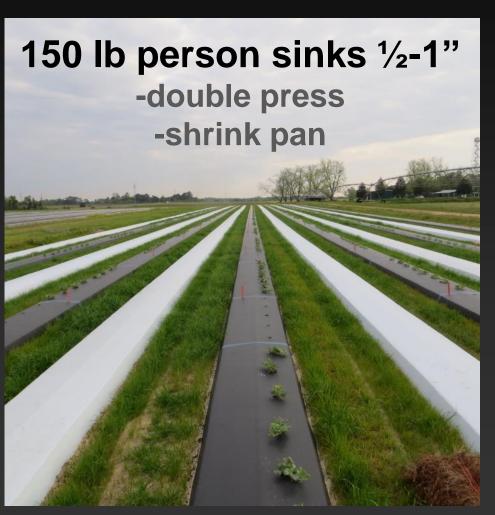
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concentration over time (where the pest is located)

## **Production Challenges**

#### **BED FORMATION**





Proper bed facilitates better fumigant, water & fertilizer movement





## On some soils, need to be creative



#### Metam Application blades 4" apart 4" deep



### Either LDPE or TIF Mulch Depending on Nutsedge Control Needed!



## UGA 3-WAY. Fall 2013. Tift Co.



## UGA 3-WAY. Fall 2013. Tift Co.



## TIF MULCH

#### **PLANT BACK INTERVALS**

Ε S B 0 A N C K R

0

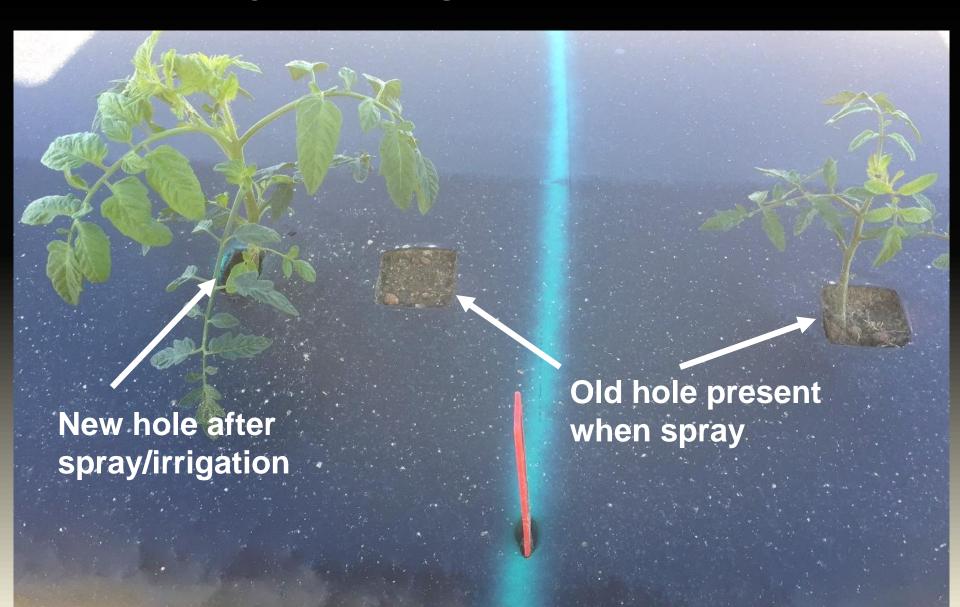


concentration over time (where the pest is located)

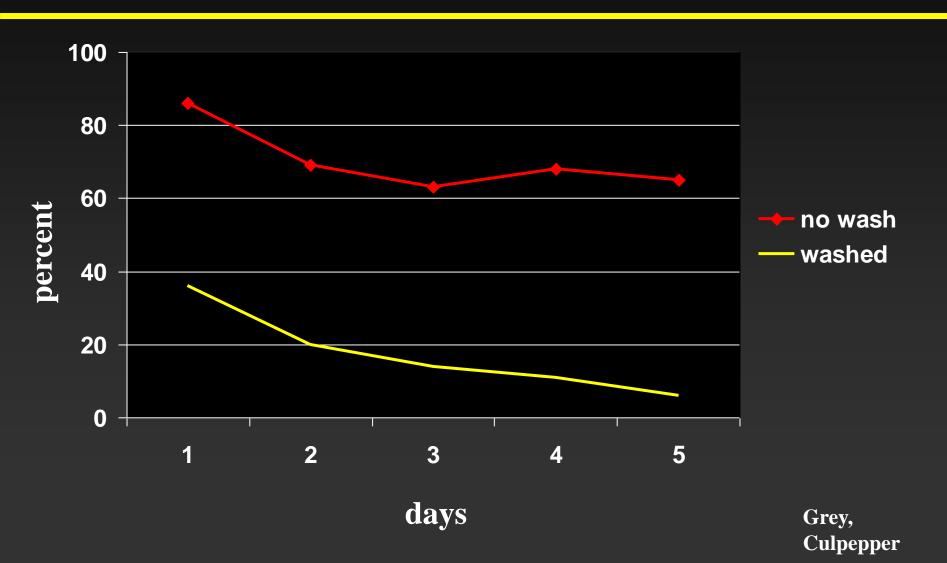
#### **Herbicides Under Mulch If No Metam**



## Roundup PMAX 64 oz/A Applied Over Mulch Followed by 0.5" Irrigation Before Transplant



# Amount of Sandea remaining on plastic mulch. TyTy GA, 2005.



## Questions

