

Cultural Controls for Fusarium Management

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CORNELL COOPERATIVE EXTENSION



The latest research: Fusarium management

Cultural control trials:

- Raised bed vs flat ground
- Black and white plastics, straw mulch, bare ground
- Porcelain vs Rocambole

Nitrogen management and biological control trial

- Does N rate affect Fusarium level?
- Do biological controls and/or seed treatments work?





Cultural Controls



What affects Fusarium severity?

Winter injury?

Soil moisture?

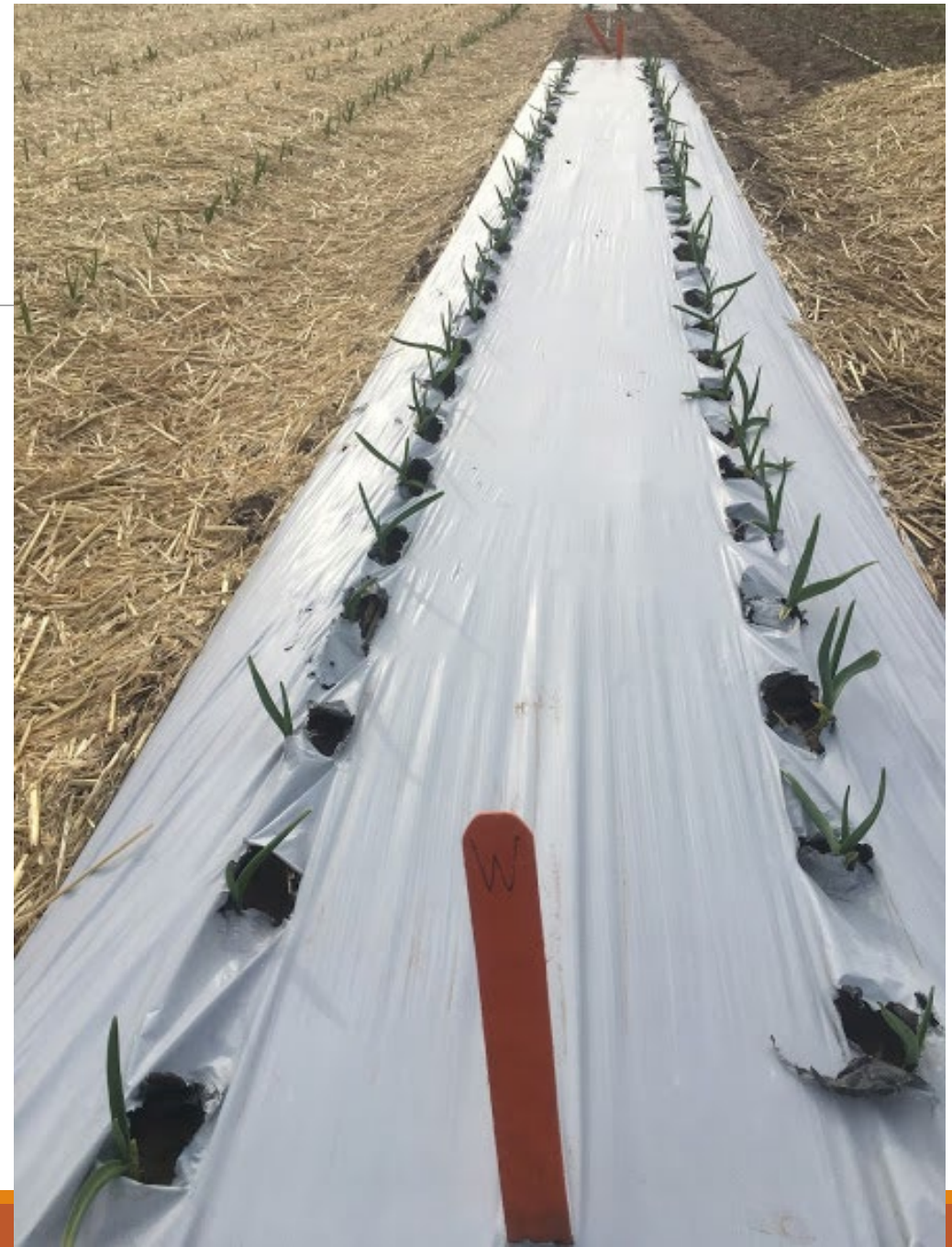
Soil temperatures?

Plant health?

Plant vigor?

Plant injury?





















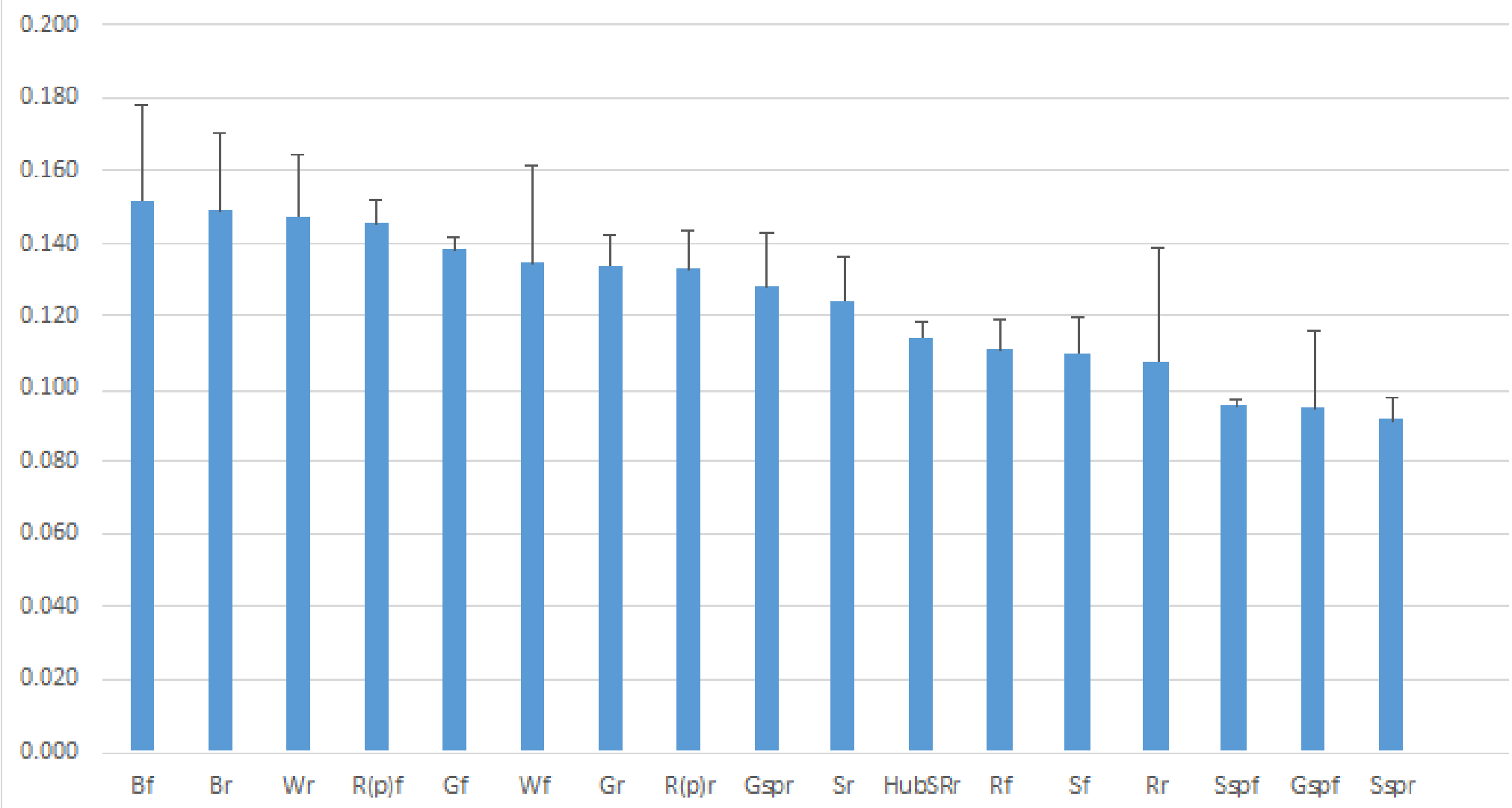


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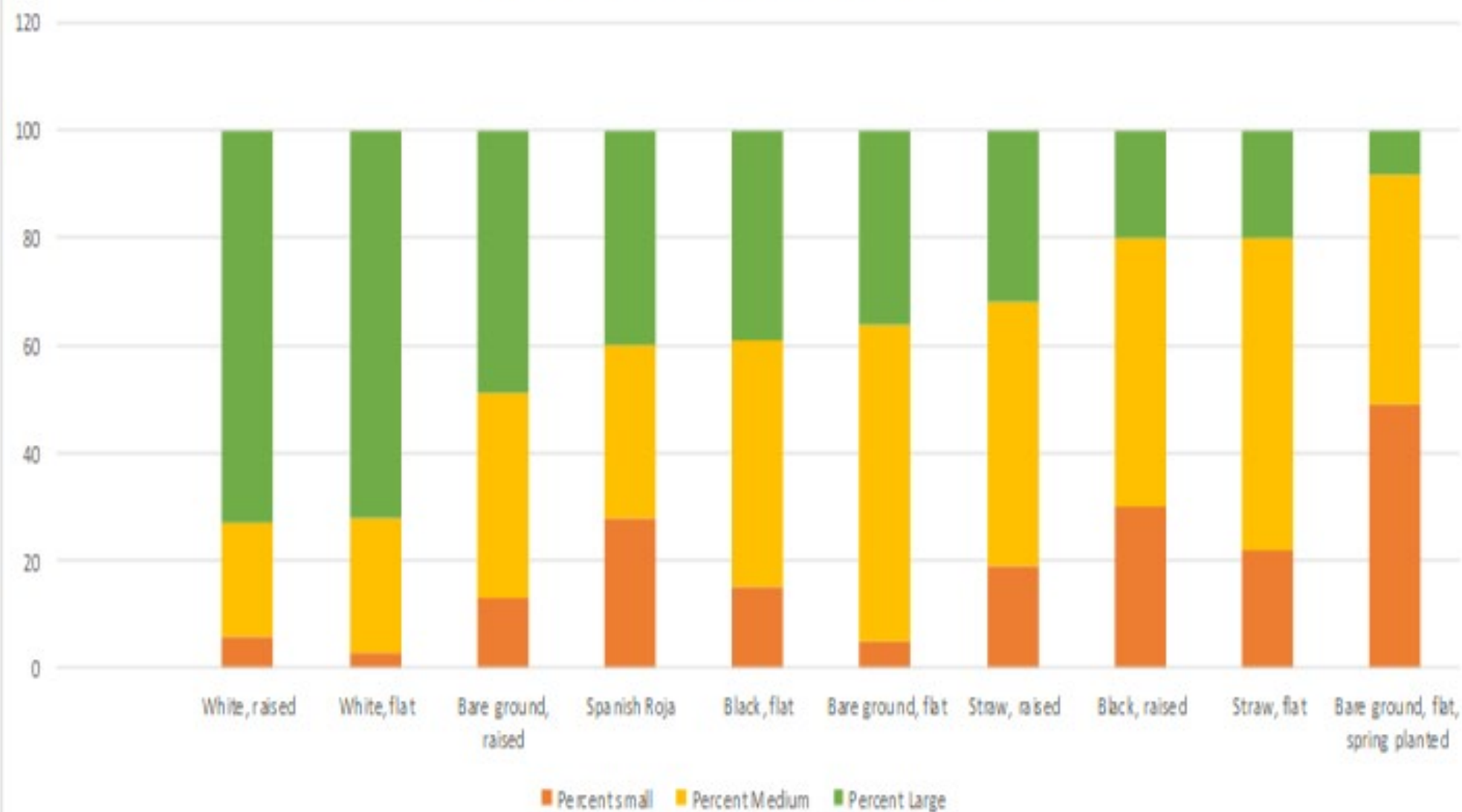


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Average of Weight per bulb (lbs)



Distribution of Small, Medium and Large Bulbs



Average Fusarium % by treatment

