CONTROLLING NEMATODES BETWEEN FUMIGATIONS

ROUND #2

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Study Objectives

- What nematicides can we apply in late June after the crop is up?
- What level of nematicides can be used to effectively reduce the nematode populations?
- Will the seedling quality be affected as a result of the treatments?

Study Specifics

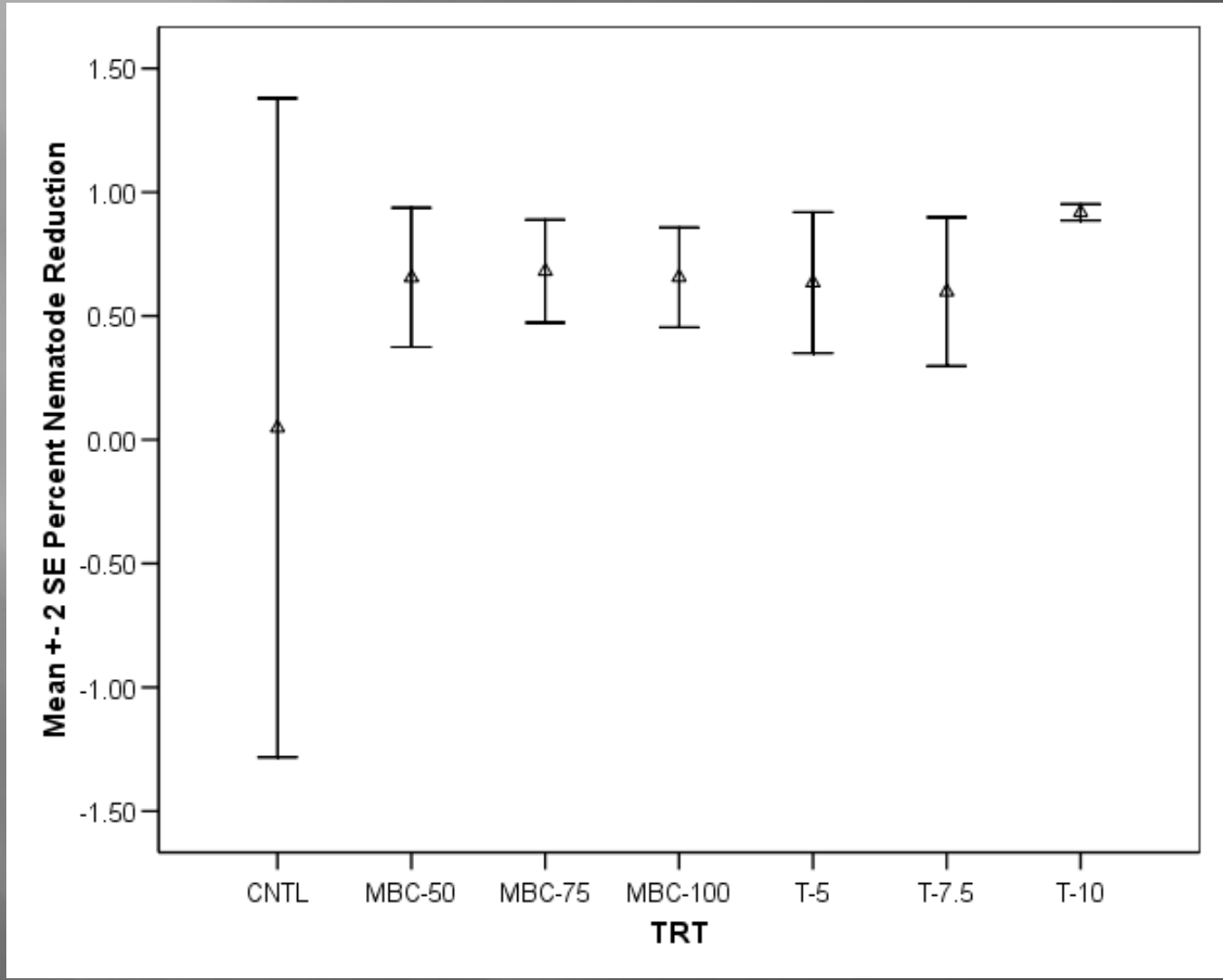
- Put in July 31,2006 – Glennville, GA
- Treatments: - replicated 4 times
  - Control
  - Trilone® @ 5 gal/acre
  - Trilone® @ 7.5 gal/acre
  - Trilone® @ 10 gal/acre
  - MBC 70/30® (70% 98/2 Mbr/Chl & 30% solvent) @ 50 lbs/acre ai
  - MBC 70/30® (70% 98/2 Mbr/Chl & 30% solvent) @ 75 lbs/acre ai
  - MBC 70/30® (70% 98/2 Mbr/Chl & 30% solvent) @ 100 lbs/acre ai

Stunt Nematode Reduction by Treatment – 2006

TRT	% Reduction
MBC-50	65.6%
MBC-75	68.1%
MBC-100	65.6%
T II-5	63.4%
T II-7.5	59.8%
T II-10	91.8%
Control	4.9%

Primarily Stunt and Stubby Root nematodes

Variation by Rep



2008 Treatments

	Treatments
1	Control
2	Trilone @ 7.5 gal/a
3	Trilone @10 gal/a
4	DMDS @ 300 lb/a
5	DMDS @ 400 lb/a

Study #2 Specifics

- Date of Study – June 26, 2008 (~10 week after sowing)
- Soil Temperature 74°F, Air Temp 70° to 92 ° F Wind Speed 2 to 11 mph
- Trilone® =Telone ® = *1,3-Dichloropropene*
- DMDS ® = Dimethyl Disulfide
- ¼" water seal applied immediately after study was completed and again later PM.