

2024 Chinch Bug Gallonage Trial

Pest: Chinch bug, *Blissus leucopterus* (say)

Crop: Sorghum

Planted: 23 June, 2024; Germinated 28 June, 2024

Plots: 4 Rowsx20; Randomized Complete Block (RCB)

Weather at Time of Application: 96F, wind: 14-20 WSW

Field Notes: Spraying using backpack sprayer using 8 gal. H₂O/a or 20 gal H₂O/a @30 psi, Targeting the lower half of the plants on 14 Sept.

Samples: 2 plants/plot selected randomly from the middle 2 rows, dug out with root intact and 2 fi of stalk, then placed in a white 5 gal. bucket of water, and all the bugs counted for 10 min

Number of Chinch bugs/2 plants in 10 minutes

Treatment	Rep I		Rep II		Rep III		Rep IV	
	4 DAT	7 DAT	4 DAT	7 DAT	4 DAT	7 DAT	4 DAT	7 DAT
Fastac 8 gal	20	20	17	18	30	26	32	25
Fastac 20 gal	24	17	20	16	24	21	21	18
Mustang Maxx 8 gal	30	28	38	41	30	21	31	22
Mustang Maxx 20 gal	29	25	19	23	18	14	26	21
Untreated	41	61	53	61	48	70	61	66

Submitted by Amie Norton and Jeff Whitworth