



Wheat Seed Treatment Trial 2004

Investigator: Dr. Gerald Wilde

Greenhouse

Pots

Reps. 3

Greenbug infestations were made on 2-3 leaf plants transplanted into small 4 inch pots in the field and brought into the greenhouse. They were then artificially infested with about 40 greenbugs per pot and greenbugs counted 1 days after infestation. Damage ratings (0-10) were made after 3 weeks.

The grasshoppers were caged on plants (about 15 seeds per pot) planted in 6 inch pots in the greenhouse. When the plants were about 2-3 inches in height, 8 adult red legged grasshoppers collected from the field were caged on each pot. Dead grasshoppers were counted and damage ratings (0-10) were made a week later.

Wheat Seed Treatment Trial 2004 continued:

TRT	Product	Rate	Greenbugs/Pot	Greenbug Damage Rating	Dead Grasshoppers/Pot	Grasshopper Damage Rating
1	check		36.33 a	10.00 a	0.67 d	9.00 a
2	ICON 6.2	25 GA/100kg	38.00 a	9.00 a	7.67 ab	4.00 bc
3	ICON 6.2	50 GA/100kg	40.33 a	9.67 a	7.67 ab	1.67 c
4	ICON 6.2 + Charter Max	50 GA/100kg	35.33 a	10.00 a	8.00 a	1.33 c
5	Charter Max 1.8		36.00 a	10.00 a	0.00 d	9.00 a
6	Gaicho 480	48 GA/100kg	0.00 b	0.00 b	3.00 c	6.67 ab
7	Cruiser	39 GA/100kg	0.00 b	0.00 b	6.67 b	1.67 c

Means in same column, followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)

Reference to specific products is provided solely for informational purposes. Experiments with pesticides on non-labeled crops or pests is part of the insecticide registration process, it does not imply endorsement or recommendation of non-labeled uses of pesticides by Kansas State University. All pesticide use must be consistent with current labels.

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