



**Insect control with seed treatments on wheat in Kansas, 2005-06
Greenhouse Test - Bird Cherry-Oat Aphid Control**

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Pest: Bird cherry-oat aphid, *Rhopalosiphum padi*

Crop: Wheat, 7 treatments

Location: Hesston, Kansas

Variety: Jagger

Planting Date: September 30, 2005

Plot Size: 5 ft x 20 ft

Experimental Design: Randomized Complete Block, 4 replications

Planting Information: Wheat planted 1-2 inch depth, soil in good condition at planting, disc before planting

Phytotoxicity: None noted

Evaluation: Plants transplanted to 4 inch pots on 10/21/05 and brought to greenhouse.

Bird cherry-oat aphid, *Rhopalosiphum padi*: Counted number of aphids/pot on 11/10/05, Natural infestation

Bird Cherry-Oat Aphid Control – Wheat (2005-06) – Seed treatment Test
 Planting date: 09/30/05
 Plants transplanted to 4 inch pots on 10/21/05 and brought to greenhouse.
 Evaluation date: 11/10/05

Gerald E. Wilde - Kansas

Trt. No.	Treatment/ Product Name	Number/pot (Mean ± SE)
1	Control Check	86.25 ± 5.54ab
2	Regent 6.2 FS @ 12.5 G A/100 kg (0.258 fl. oz./CWT)	78.00 ± 12.94b
3	Regent 6.2 FS @ 25.0 G A/100 kg (0.515 fl. oz./CWT)	90.00 ± 12.42ab
4	Regent 6.2 FS @ 37.5 G A/100 kg (0.775 fl. oz./CWT)	103.75 ± 21.54ab
5	Regent 6.2 FS @ 50.0 G A/100 kg (1.03 fl. oz./CWT)	117.50 ± 16.89a
6	Cruiser 600 FS @ 29.3 G A/100 kg (0.75 fl. oz./CWT)	0.00 ± 0.00c
7	Gaucho 480 @ 31.3 G A/100 kg (1.0 fl. oz./CWT)	0.00 ± 0.00c

Means within a column followed by the same letter are not significantly different ($P > 0.05$; PROC GLM; Mean comparison by LSD [SAS Institute 2003]).

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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