



**Insect control with planting treatments on wheat in Manhattan, Kansas 2005**

**Gerald Wilde, Department of Entomology, Kansas State University.**

**Pest:** Greenbug, *Schizaphis graminum*; Hessian Fly, *Mayetiola destructor*; Grasshopper, *Melanoplus differentialis*

**Crop:** Wheat, 7 treatments

**Location:** Manhattan, Kansas

**Variety:** Jagger

**Planting Date:** September 14, 2004

**Herbicide:** None

**Soil Characteristics:** Sand, 24%; Silt, 58%; Clay, 18%; Organic matter, 2.2%; pH, 8.1; CEC, 15.9

**Plot Size:** 1 row, 11 ft., 4 replications

**Experimental Design:** Randomized Complete Block

**Planting Information:** Wheat planted 1-2 inch depth, soil in good condition at planting, 30 inch rows, disc before planting

**Field History:** Wheat 2003-04

**Phytotoxicity:** None noted

**Yield:** June 25, 2005

## Insect control with planting treatments on wheat in Manhattan, Kansas 2005 Seed Treatment in Wheat – Yield Data

Evaluation dates: 06/25/05

Gerald E. Wilde – Kansas State University

<b>Trt. No.</b>	<b>Treatment/ Product Name</b>	<b>Yield (bu/acre) (Mean ± SE)</b>
1	Control Check	29.23 ± 1.28ab
2	ICON 6.2 @ 25 GA/100 kg	31.60 ± 1.51ab
3	ICON 6.2 @ 50 GA/100 kg	28.95 ± 0.75ab
4	ICON 6.2 + Charter Max @ 50 GA/100 kg	31.95 ± 1.12a
5	Charter Max 1.8	28.15 ± 0.83b
6	Gaucho 480 @ 48 GA/100 kg	31.85 ± 1.27a
7	Cruiser @ 39 GA/100 kg	30.25 ± 1.66ab

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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