



2007 Bird Cherry Oat Aphid (BCOA) Insecticide Efficacy Trial
 Jeff Whitworth, Department of Entomology, Kansas State University

Pest: Bird Cherry Oat Aphid, *Phopalosiphum padi*
 Crop: Wheat, 7 treatments
 Location: Dickinson Co., Kansas
 Planting Date:
 Plot Size: 15 ft x 20 ft
 Experimental Design: Randomized Complete Block; 4 Replications
 Information: Sprayed with hand sprayer delivering 20 gal/acre at 30 psi on 04/25/07
 Phytotoxicity: none noted
 Evaluation: Estimated number of BCOA per 1 row ft. on 05/09/07

No.	Treatment/Product Name	BCOA counts (Mean ± SE)
1	Untreated	185.00 ± 30.14 a
2	Baythroid XL @ 2.0 fl. oz./acre	13.25 ± 0.75 b
3	Baythroid XL @ 2.4 fl. oz./acre	10.50 ± 0.96 b
4	Warrior with Zeon technology 1CS @ 2.56 fl. oz./acre	12.75 ± 0.75 b
5	Warrior with Zeon technology 1CS @ 3.84 fl. oz./acre	6.50 ± 0.96 b
6	Mustang Max @ 3.2 fl. oz./acre	7.50 ± 1.32 b
7	Lorsban @ 12 oz./acre	8.00 ± 1.63 b

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.

Kansas State University Agricultural Experiment Station and Cooperative Extension Service

K-State Research and Extension is an equal opportunity provider and employer. Issued in furtherance of Cooperative Extension Work, Acts of May 8 and June 30, 1914, as amended. Kansas State University, County Extension Councils, Extension Districts, and United States Department of Agriculture Cooperating, Fred A. Cholick, Director.