



2009 Hessian Fly Seed Treatment Trial –  
Riley Co., KS.

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Pest: Hessian fly, *Mayetiola destructor* (Say)

Crop: Wheat;

Location: K-State growth chamber, Manhattan, KS

Planting Date: 20 January, 2009

Infestation Dates: 04 - 08 February, 2009, as flies emerged (Approx. 12 female HF's / treatment) – 1 week after plant emergence

Rating Date: 06 March, 2009

Experimental Design: Completely Randomized. Each pot contained 4 replications and each replication consisted of 6 plants

Evaluation: Counted number of pupae (flaxseeds) on 4 plants/replication.

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Treatment	Hessian Fly flaxseeds / 4 plants (mean ±SE)
Untreated	13.00 ± 1.78b
Untreated	2.00 ± 1.08c
Gauche XT, imidacloprid, metalaxyl, tebuconazole	0.00 ± 0.00c
Ipronazole – metalaxyl	21.75 ± 1.65a
Ipronazole – metalaxyl, imidacloprid Attendant 480	0.00 ± 0.00c
Vitaflo 280, Attendant 480	0.00 ± 0.00c
Dividend XL RTA, Cruiser 5 FS	0.75 ± 0.75c
Ipronazole, metalaxyl, imidacloprid,	0.00 ± 0.00c
Gauche XT	0.00 ± 0.00c

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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