

**Corn rootworm insecticide test 1997, Norway, KS, (South Field).  
Gerald Wilde, Department of Entomology, Kansas State University.**

<b>Pest:</b>	Western Corn Rootworm, <i>Diabrotica vergifera vergifera</i>
<b>Crop:</b>	Golden Harvest H-2547
<b>Location:</b>	Norway, KS
<b>Planting Date:</b>	April 25, 1997
<b>Cultivation Treatment:</b>	C1 - June 3, C2 - June 19
<b>Herbicide:</b>	Surpass 100, 1 qt./acre in band 4/25
<b>Plot Size:</b>	1 row 30 ft. long, 4 replications, 30 inch row spacing
<b>Experimental Design:</b>	Randomized Complete Block
<b>Planting Information:</b>	Planted corn 1 1/2 inches in depth
<b>Field History:</b>	Corn, 1996
<b>Fertilization:</b>	11-52-0 applied 4/4 at 100#/acre
<b>Application Information:</b>	Insecticides applied with v-belt seeder in T Band or infurrow. Sprays applied with hand sprayer at 25 gal/acre with one nozzle at 30 psi
<b>Evaluation:</b>	Corn rootworm larvae damage rating on 4 plants per plot on July 2, 1997. Scale 1-6: 1=no damage; 6=severe damage

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<b>Treat</b>	<b>Form</b>	<b>Rate</b>	<b>Place<sup>1</sup></b>	<b>Time<sup>2</sup></b>	<b>Rootworm Rating</b>
1. Untreated	—	—	—	—	5.87 a
2. Regent	4SC	0.13	F	P	2.25 ghij
3. Regent	80WG	0.13	F	P	1.87 ij
4. Force	3G	4 oz	F	P	2.94 efgh
5. Force	3G	4 oz	TB	P	1.93 hij
6. Warrior	1 EC	0.015	BD	C1	5.0 b
7. Aztec	2.1G	6.7 oz	F	P	2.31 ghij
8. Aztec	2.1G	6.7 oz	TB	P	2.25 ghij
9. Counter	20CR	6 oz	F	P	2.18 hij
10. Counter	20CR	6 oz	TB	P	2.43 fghij
11. Thimet	20G	6 oz	TB	P	2.56 fghi
12. Counter	15G	8 oz	TB	P	2.12 hij
13. Dyfonate	15G	8 oz	TB	P	3.25 fgde
14. Lorsban	15G	8 oz	TB	P	3.81 cde
15. Furadan	4F	1.0	TB	P	4.69 bc
16. Fortress	2.5G	6 oz	TB	P	4.0 cd
17. Fortress	2.5G	6 oz	F	P	2.75 fghi
18. Fortress	5G	3 oz	TB	P	4.44 bc
19. Fortress	5G	3 oz	F	P	3.25 defg
21. Furadan	4F	1.0	BD	C1	3.25 defg
24. Furadan	4F	1.0	BD	C2	2.0 hij
26. Regent	4SC	0.13	B	C1	1.87 ij
27. Regent	80WG	0.13	B	C1	2.68 fghi
28. Force	3G	4 oz	B	C1	3.37 fde
29. Aztec	2.1G	6.7 oz	B	C1	1.81 ij
30. Counter	20CR	6 oz	B	C1	2.68 fghi
31. Fortress	5G	3 oz	B	C1	2.18 hij
32. Lorsban	15G	8 oz	B	C1	3.25 defg
33. Dyfonate	15G	8 oz	B	C1	2.12 hij
34. Thimet	20G	6 oz	B	C1	1.81 ij
35. Counter	15G	8 oz	B	C1	1.43 j
36. Untreated	—	—	—	—	4.43 bc

<sup>1</sup>F = Infurrow, TB = T-Band, BD = Broadcast.

<sup>2</sup>P = Plant, C1 = Cultivation 1, C2 = Cultivation 2.

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

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