Corn rootworm insecticide test 1998, Norway, KS

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Pest:	Western Corn Rootworm, *Diabrotica vergifera vergifera*
Crop:	Corn Golden Harvest H-2581
Location:	Norway, KS
Planting Date:	April 25
Cultivation Treatment:	June 3
Herbicide:	Full-time
Plot Size:	1 row 30 ft. long, 4 replications, 30 inch row spacing
Experimental Design:	Randomized Complete Block, 22 Treatments
Planting Information:	Planted corn 1 1/2 to inches in depth
Field History:	Corn, 1997
Application Information:	Insecticides applied with v-belt seeder in T Band or infurrow
Evaluation:	Corn rootworm larvae damage rating on 4 plants per plot on June 30, 1998. Scale 1-6: 1=no damage; 6=severe damage
Phytotoxicity:	none noted
Irrigation:	Weekly after July 1, except when rain occurred until early Sept.
Soil:	pH 7.5, OM 5%, sand 26%, silt 40%, clay 34%, CEC 27.4

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	Trt	Form	Rate[1]	Time[2]	Place[3]	Rootworm Rating
1	Force	3G	0.12	P	IF	3.19 bcd
2	Force	3G	0.12	P	B	3.44 bc
3	Aztec	2.1	6.7 oz	P	IF	2.27 fg
4	Aztec	2.1	6.7 oz	P	B	1.94 g
5	Regent	80WG	0.13, 1 gal	P	IF	2.69 cdefg
6	Regent	80WG	0.13, 2 gal	P	IF	2.75 cdefg
7	Regent	4SC	0.13, 1 gal	P	IF	3.07 bcdef
8	Counter	20CR	6 oz	P	IF	2.33 defg
9	Counter	20GR	6 oz	P	B	2.31 efg
10	Thimet	20G	6 oz	P	B	2.44 defg
12	Furadan	4F	1.0	C	BR	2.50 defg
14	Lorsban	15G	8 oz	P	B	3.13 bcde
15	Fortress	5G	3 oz	P	IF	2.31 efg
16	Fortress	5G	3 oz	P	B	2.75 cdefg
17	Lorsban	15G	8 oz	P	IF	3.19 bcd
18	Untreated	——	——	——	——	5.18 a
19	Force	3G	0.12	C	B	3.81 b
20	Aztec	2.1G	6.7 oz	C	B	3.13 bcde
21	Counter	20CR	6 oz	C	B	2.87 cdef
22	Lorsban	15G	8 oz	C	B	3.13 bcde
23	Fortress	5G	3 oz	C	B	3.00 bcdef
24	Thimet	20G	6 oz	C	B	2.87 cdef

[1]Rate = lb/acre or oz. Product/1000 row ft.
[2]P = Planting, C = Cultivation
[3]IF = Infurrow, B = T-Band, BR = Broadcast