



Syngenta - Root Ratings 2004

Investigator: Dr. Gerald Wilde

Planting Date:	6/May/2004
Row Spacing:	30 IN
Plot Width, Unit:	10
FT	Plot Length,
Unit:	40 FT
Reps:	4

Insect Code	DIABV
Crop Code	ZEAMX
Part Rated	ROOT C
Rating Data Type	DAMINS
Rating Unit	0-3
Rating Date	22/Jun/2004
Crop Stage	tassel
Insect Stage	LARVA
Infestation Level	Moderate
Infestation Unit	0-3
Assessed By	G. Wilde
Trt-Eval Interval	47 DA-A
# Subsamples,	6

Syngenta - Root Ratings 2004 continued:

Treatment/ Product Name	Root Rating*
MIR604	0.03 c
MIR604 + Cruiser 5 FS @ 0.125 mg /seed	0.01 c
MIR604 + Cruiser 5 FS @ 0.750 mg /seed	0.01 c
Corn negative control Isoline + Cruiser 5 FS @ 0.125 mg /seed	1.54 a
Corn negative control Isoline + Cruiser 5 FS @ 0.750 mg /seed	1.38 ab
Corn negative control Isoline + Cruiser 5 FS @ 1.25 mg /seed	0.68 abc
Corn negative control Isoline + Poncho1250 5 SC @ 1.25 mg /seed	0.48 abc
Corn negative control Isoline + Force 3 G @ 1.12 g/100 m row	1.12 abc
Corn negative control Isoline + Aztec 2.1 GR@ 1.31 g/100 m row	0.28 bc
Corn negative control Isoline + Lorsban 15 G @ 2.23 g/100 m row	0.94 abc
Corn negative control Isoline	1.63 a

* Three point damage scale 0= no damage – 3 = 3 nodes of roots heavily damaged. Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)

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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