Sunflower head moth control on sunflower 2004

Investigator: Dr. Gerald Wilde

Crop 1: HELAN SUNFLOWER
Variety: Pioneer 63M91
Planting Date: 9/May/2004
Planting Method: John Deere Planter
Rate: 30000 P/A
Depth: 2 IN
Row Spacing: 30 IN
Plot Width, Unit: 10 FT
Plot Length, Unit: 40 FT
Reps: 4
Tillage Type: MINIMUM-TILL
Study Design: RANDOMIZED COMPLETE BLOCK

Application Date:	8/Jul/2004
Time of Day:	10:00am
Application Method:	hand Spra
Application Timing:	R5.1
Applic. Placement:	BROFOL
Air Temp., Unit:	80 F
Operating Pressure:	30 psi
Nozzle Type:	cone

08 July 2004 Trts 1,2,4,6,7,8,9,10 were sprayed
13 July 2004 Trts 11,12,13 were sprayed
both dates Trts 3,5,14 were sprayed

Sunflower head moth control on sunflower 2004 cont:

No.	Treatment	A.I. or Fl. oz /acre	Time	Larvae per Head
1	Mustang 0.8	0.018	1st	21.13 b
2	Mustang 0.8	0.025	1st	29.25 b
3	Mustang 0.8	0.160	Both	12.38 b
4	Furadan 4F	0.5	1st	7.13 b
5	Baythroid 2E	2	Both	5.25 b
6	Baythroid 2E	2	1st	14.25 b
7	Baythroid 2E	2.8	1st	16.25 b
8	Warrior 1E	0.025	1st	26.00 b
9	Asana 0.66	0.03	1st	21.75 b
10	Lorsban 1.0	0.75	1st	28.50 b
11	Baythroid 2.0	2.80	2nd	8.88 b
12	Mustang 0.8	0.18	2nd	16.63 b
13	Warrior 1.0	0.025	2nd	26.13 b
14	Warrior 1.0		Both	37.88 b
15	Untreated			75.38 a
16	Untreated			87.75 a

*Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)

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