

## Field Corn – Seed Treatment Demonstrations – 2004

### I. Location #1 – Bridgeville, DE

Treatments: Poncho 250 versus Poncho 250 plus Warrior IF @ 3.84 oz/A

Planting Date: April 19

Date	Growth Stage	Plant Population/Acre	
		Poncho 250	Poncho 250 + Warrior
4/29	Spike-not all emerged	19,100	18,250
May 11	3-4 leaf	28,250	27,650
May 19	6-7 leaf	30,583	29,792

### 2. Location #2 – Wyoming, DE #1

Treatments: Poncho 1250 versus Regent

Planting Date: April 25

Date	Growth Stage	Plant Population/Acre	
		Poncho 1250	Regent
May 6	Spike	18,875	18,917
May 14	3-4 leaf	26,750	26,083

### 3. Location #3 – Wyoming, DE #2 (Home)

Treatments: Poncho 1250 versus Regent

Planting Date: April 25

Date	Growth Stage	Plant Population/Acre	
		Poncho 1250	Regent
May 6	Spike	22,313	22,125
May 18	5 leaf	27,125 *	25,875**
May 28	7 leaf	27,313	26,625

\* - 0.96% grub damage

\*\* - 1.06 % grub damage

**4. Location #4 – Felton, DE**

**Treatments: Force plus Agrox Premiere, Force plus Concur, Agrox Premiere, Concur, Force, Untreated**

**Planting Date: April 28**

Treatment	Plant Population/Acre		
	May 13 2-3 leaf	May 20 5-6 leaf	May 26 7-8 leaf
Force+Agrox	27,500	27,083	26,750
Force+Concur	26,250	26,500	27,167
Agrox Premiere	25,333	25,583	25,917
Concur	27,083	27,000	27,000
Force	27,667	27,455	27,333
Untreated	27,625	26,714	26,500

**5. Location #5 – Sudlersville, MD North**

**Treatments: With Cruiser versus untreated**

**Planting Date: May 11**

Date	Growth Stage	Plant Population/Acre	
		With Cruiser	Untreated
May 20	2-3 leaf	24,916	25,583
May 27	4-5 leaf	24,800	25,680

**6. Location # 6 – Sudlersville, MD South**

**Treatments – Kernel Guard plus Cruiser versus Kernel Guard Alone**

**Planting Date: May 5**

Date	Growth Stage	Plant Population/Acre	
		Kernel Guard	Kernel Guard plus Cruiser
May 18	3-4 leaf	23,187	23,438
May 27	5-6 leaf	22,813	23,813

**7. Location #7 – Middletown, DE**

**Treatments: Poncho 250 + Kernel Guard, Poncho Alone, Kernel Guard Alone, Untreated**

**Planting Date: May 11**

Treatment	Plant Population/Acre	
	May 21- 3 leaf	May 28- 6 leaf
Poncho+Kernel Guard	23,833	23,313
Poncho Alone	24,750	23,750
Kernel Guard Alone	23,188	23,562
Untreated	25,500	22,500