

**Rick Bauer
La Moille, IL**

Variety --- Pfister 2550
 Planted --- April 28, 2001
 Planted population --- 28,000 to 29,000
 Fertilizer --- 100# Nitrogen
 120# Phosphate
 120# Potash
 Insecticide --- none
 Treatment --- Chandler Dry Seed Treat and Soil
 Treated yield --- 185.6 BPA (60 pound test weight)

<u>Treated</u>	<u>Control</u>
Plant Population	
26,000	23,875
Ear Size	
16 x 40 = 640	12 x 40 = 480
Stalk Sugar at the Ear	
13.0%	8.75%
Stalk Sugar at the Base	
10.0%	5.0%
Comborers in the Stalk	
None	3



Flies are attracted to the higher sugar content in the treated plant.

Control

Treated



The photos show why almost all Chandler Seed and Soil users do not apply any insecticide. Destructive insects such as cornborer cannot digest high levels of sugar and prefer to feed on stressed plants with lower sugar content.