

SOYBEAN (*Glycine max*)
 Soybean cyst nematode:
Heterodera glycines, race 1

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**UNIFORM ROUND-UP READY SOYBEAN CYST NEMATODE VARIETY
 EVALUATIONS, GROUP IV, 2007:**

Ten numbered lines and two named cultivars were evaluated for adaptation to Delaware growing conditions and resistance to race 1. Variety evaluations were conducted at the Research and Education Center near Georgetown in Sussex County on land known to be infested with race 1 of the soybean cyst nematode (SCN). Plots were planted in a loamy sand soil (sand 82 percent, silt 9 percent, and clay 9 percent) on June 6 following a previous soybean crop. Plots consisted of five rows, 23 feet long, spaced 15 inches apart. The plots were arranged in a randomized, complete block design with four replications. Plots were harvested on Nov 28.

The season was very dry and high preplant SCN egg numbers were responsible for very low yields.

Entry	Yield		Lodging score	Height inches
	bu/a	rank		
AG4103	4.8	8	1	16
DKB 38-52 (SCN)	3.9	9	1	17.3
AG4403 (SCN)	12.5	1	1	18.7
K04-3234RR	5.7	7	1	15.3
S04-3962RR	1.7	12	1	18
SS02- 2176	12.3	2	1	19
SS02- 3770	2.7	10	1	17.5
SS02- 6857	10.9	3	1	18.5
SS03-6903	2.7	10	1	14
SS03-6997	8.5	4	1	15.5
SS03-9235	6.6	5	1	17
SS03-9639	6.6	5	1	17
Average	6.8		1	17.03
LSD (.05)	2.9			1.9
CV %	22.68			5.99