

## Justin Knopf Soybean Population Study, 2006

### Solomon, KS

Planted on May 13, 2006 with JD air seeder in 15" rows.

Variety: Golden Harvest 3933 RR/STS

Seeding Rate	Final Population	Test Weight	Moisture	Yield
seeds/acre	plants/acre	lb/bu	%	bu/acre
50,000	33,399 a	56.7	9.5 a	45.4 b
100,000	59,377 b	56.2	10.1 b	49.7 a
150,000	89,066 c	56.0	10.7 c	48.1 a
Average	60,614	56.3	10.1	47.8
LSD <sub>(0.10)</sub>	4,441	NS	0.3	2.6
C.V.	4.2	0.9	1.5	3.2

## Clayton Short Soybean Population Study, 2006

### Assaria, KS

Planted on May 16, 2006 with IH Cyclo planter in 30" rows.

Variety: Pioneer 93M80 RR

Seeding Rate	Final Population	Moisture	Yield
seeds/acre	plants/acre	%	bu/acre
50,000	23,800	10.6	32.3 b
100,000	46,033	10.4	37.1 a
150,000	65,333	10.3	37.6 a
Average	45,056	10.4	35.7
LSD <sub>(0.05)</sub>	6,478	NS	3.1
C.V.	6.3	2.3	3.8

## Karber Farms Soybean Population Study, 2006

### Gypsum, KS

Planted on June 19<sup>th</sup> with JD Max Emerge II planter in 30" rows.

Variety: NuTech 4444 RR

Seeding Rate	Final Population	Moisture	Yield
seeds/acre	plants/acre	%	bu/acre
50,000	37,333	8.3	34 b
100,000	76,334	8.2	39 a
150,000	106,445	8.0	40 a
Average	73,370	8.1	38
LSD <sub>(0.05)</sub>	3,111	NS	1.4
C.V.	1.8	2.6	1.6