

# BECK'S Advanced Soybeans in No-Till and Conventional - 2006

**Location:** H4 – H5 plots (No-Till)  
300-3, 4N plots (Conv.)

**Planted:** May 8, 2006

**Harvested:** October 2, 2006 (Conv.)  
October 4, 2006 (No-Till)

**Rows:** Six 15" rows

**Seeding Rate:** 150,000 seeds/A.

**Previous Crop:** Corn

**Herbicide:** Pre: 22 oz. Roundup Original Max  
on No-Till only  
Post: 22 oz. Roundup Original Max  
9 lbs./100 gal. Array  
(two applications)

RAINFALL	
April	3.6 in.
May	4.5 in.
June	4.6 in.
July	4.4 in.
August	4.0 in.
Total	21.1 in.

**Purpose:** This study compares our advanced experimental varieties in our Head Start testing program to our leading products. We are evaluating yield and agronomic characteristics in both the no-till and conventional-till environments.

Yield Rank	Brand-Variety	Plant Height (IN.)	Pod Height (IN.)	Standability 1 = Erect 5 = Flat	Bushels* Per Acre	Advantage in Conv.-Till
<b>NO-TILL</b> (Two Replications)						
1	BECK 333RR	42	3.5	1.4	67.6	
2	BECK 383NRR	41	3.5	1.4	67.4	
3	BECK EX 6636	42	3.5	1.4	65.9	
4	BECK 321NRR	40	3.5	1.4	64.3	
5	BECK EX 6644	43	3.5	1.4	63.5	
6	BECK EX 6629	43	3.5	1.5	63.4	
7	BECK 342NRR	42	3.0	1.3	62.1	
8	BECK EX 6634	42	3.5	1.4	61.0	
9	BECK EX 6317	42	3.5	1.4	61.0	
10	BECK 323RR	41	3.5	1.3	60.9	
11	BECK 354NRR	43	3.5	1.5	60.8	
12	BECK EX 6663	42	3.5	1.4	60.1	
13	BECK 405NRR	42	4.0	1.5	59.8	
14	BECK EX 6638	44	3.0	1.3	59.4	
15	BECK 286NRR	40	3.0	1.3	59.1	
16	BECK 367NRR	41	3.0	1.4	58.5	
17	BECK EX 6618	47	3.5	1.5	57.5	
18	BECK 297NRR	39	3.5	1.4	56.4	
19	BECK 274NRR	41	3.5	1.4	56.4	
20	BECK EX 6529	42	3.5	1.5	56.3	
	AVERAGE	42	3.4	1.4	61.0	
<b>CONVENTIONAL</b> (One Replication)						
1	BECK EX 6529	46	4.0	1.7	66.6	+10.3
2	BECK EX 6638	48	3.0	1.3	65.7	+6.3
3	BECK 342NRR	46	3.0	1.5	65.3	+3.2
4	BECK EX 6634	52	4.0	1.4	65.2	+4.2
5	BECK 333RR	51	4.0	1.5	64.3	-3.3
6	BECK EX 6644	52	4.0	1.6	63.9	+0.4
7	BECK 354NRR	50	4.0	1.5	63.7	+2.9
8	BECK 367NRR	42	4.0	1.6	63.6	+5.1
9	BECK EX 6636	50	3.0	1.6	63.0	-2.9
10	BECK 321NRR	42	3.0	1.5	63.0	-1.3
11	BECK 405NRR	38	4.0	1.6	62.7	+2.9
12	BECK EX 6629	48	4.0	1.4	62.5	-0.9
13	BECK EX 6317	44	4.0	1.6	60.2	-0.8
14	BECK 383NRR	50	3.0	1.5	60.0	-7.4
15	BECK 323RR	46	4.0	1.4	60.0	-0.9
16	BECK 286NRR	46	3.0	1.4	59.7	+0.6
17	BECK 297NRR	44	4.0	1.5	56.6	+0.2
18	BECK EX 6618	50	4.0	1.7	56.2	-1.3
19	BECK 274NRR	40	4.0	1.5	54.8	-1.6
20	BECK 6663	46	4.0	1.5	54.4	-5.7
	AVERAGE	47	3.7	1.5	61.6	

\*Bushels per acre corrected to 13% moisture.

**Summary:** This year's conventional-till study out yielded the no-till study by only 0.6 bushels per acre. Some of the visual differences we observed in the conventional till were 5" more plant height and slightly higher podding height. BECK 333RR has been the top yielding soybean in this study in each of the past three years.