

2003 Specialty Soybean Test South, Iowa State University

Ames, Atlantic, Carlisle, Richland, and Winterset, Iowa

Entry	Trait	Yield bu/a	Group rank	Maturity date	Lodging score	Height inches	Seed weight		Protein %	Oil %	Chlorosis score
							mg/sd	sds/lb			
IA2021	CC	39.6	1	9/13	1.7	31	132	3440	35.4	19.3	4.4
Macon	CC	33.8	2	9/29	1.7	36	137	3310	36.3	18.5	4.0
IA2061	CC, YH	39.4		9/15	2.2	38	143	3170	36.3	19.0	3.0
+A00-711003	SCN, YH	41.1	1	9/13	1.7	31	120	3790	36.7	18.3	4.3
+A00-711013	SCN, YH	38.3	2	9/13	1.7	31	101	4470	36.3	17.8	3.8
IA2062	LS	32.1	6	9/13	1.5	31	193	2360	38.7	17.5	3.0
IA2040	LS	37.7	1	9/17	2.0	37	226	2000	37.9	18.5	3.5
IA2063	LS	36.0	2	9/17	2.5	38	219	2070	38.0	18.4	3.6
IA2037	LS	34.9	4	9/19	1.6	30	215	2110	39.3	17.9	3.9
+A00-913017	LS	33.9	5	9/23	2.0	33	227	1990	38.4	18.1	4.3
IA3009	LS	35.4	3	9/24	2.0	34	236	1930	38.0	18.3	3.8
IA3015	LS	32.1	7	9/26	2.5	37	240	1890	37.3	18.5	3.1
IA2067	LS, HP	36.7	2	9/11	1.9	36	174	2600	39.7	17.6	3.8
IA2047	LS, HP	34.6	6	9/11	1.7	33	193	2350	39.3	17.8	4.4
IA2041	LS, HP	33.8	8	9/12	1.7	36	150	3020	40.1	17.6	4.3
IA2048	LS, HP	35.1	4	9/13	1.8	33	196	2310	39.2	18.0	4.4
IA2054	LS, HP	38.5	1	9/14	2.1	38	173	2630	39.1	17.6	2.5
IA2034	LS, HP	35.0	5	9/14	2.0	38	164	2760	39.7	17.2	2.8
IA2020	LS, HP	34.5	7	9/16	1.9	41	181	2510	39.1	18.0	3.3
IA2049	LS, HP	33.4	10	9/16	1.8	33	188	2410	39.0	18.0	4.6
IA3006	LS, HP	29.8	14	9/18	1.7	32	190	2390	39.4	17.3	3.8
IA3011	LS, HP	33.5	9	9/19	1.4	34	160	2830	40.1	17.6	2.8
IA3021	LS, HP	36.6	3	9/20	1.3	34	185	2450	38.8	18.2	3.8
IA3001	LS, HP	31.7	13	9/20	2.1	40	156	2910	39.9	18.0	3.4
IA3016	LS, HP	31.8	12	9/27	2.4	34	188	2410	38.9	17.7	4.3

IA3022	LS, HP	33.1	11	9/28	2.4	37	170	2670	39.6	17.4	2.9
IA2057	SS	33.5	4	9/15	2.8	33	71	6420	35.8	18.2	3.8
IA2058	SS	33.7	3	9/16	2.6	35	69	6600	35.9	18.1	4.0
IA2056	SS	33.5	4	9/16	2.7	33	71	6410	35.7	18.2	3.9
IA2035	SS	29.1	9	9/16	2.7	34	63	7190	38.6	14.9	3.6
IA2055	SS	32.8	6	9/17	2.7	34	70	6500	35.9	18.0	3.6
IA2060	SS	34.6	1	9/18	2.2	36	74	6110	36.5	17.9	3.4
IA3008	SS	34.2	2	9/22	3.2	36	69	6540	35.8	17.7	3.3
IA3013	SS	31.8	7	9/25	2.7	37	68	6630	35.7	17.5	3.8
IA4002	SS	30.9	8	9/29	2.4	41	66	6870	37.9	15.6	4.5
IA2032	LF	30.8	6	9/13	1.8	36	174	2600	39.4	17.9	3.1
IA2027	LF	32.9	4	9/15	2.2	40	174	2610	38.2	18.8	3.3
IA3006LF	LF	30.8	5	9/16	1.6	30	187	2420	38.9	17.7	3.1
IA2040LF	LF	38.0	1	9/17	2.0	39	216	2100	38.8	18.3	2.8
IA3012LF	LF	34.4	2	9/18	2.4	35	118	3840	36.6	18.2	4.0
IA3008LF	LF	34.0	3	9/21	3.0	38	73	6220	36.2	17.8	3.4
IA3006PR	PR	29.1		9/20	1.7	32	192	2360	39.4	17.7	3.1

Trait	CC=Commodity Check	SCN=SCN resistant	LS=Large Seed	HP=High Protein
SS=Small Seed	-L2 = Lacks Lipoygenase 2	LF=Lipoygenase Free	YH = Yellow Hilum	PR= Phytophthora Resistant

+Available for licensing from the Iowa State University Research Foundation for commercial planting in 2004.	
Yield: Bushels/acre at 13% moisture	Protein and oil: 13%-moisture basis
Maturity: Month/Day	Iron-deficiency chlorosis score: 1=No chlorosis, 5=Severe chlorosis
Lodging: 1=Erect, 5= Prostrate	