

2003 Specialty Soybean Test Central, Iowa State University

Ames, Carlisle, Carroll, Eldora, and Rippey, 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	44.0	1	9/14	2.1	32	136	3340	34.8	19.7	4.4
IA2052	CC	44.0	1	9/19	2.5	40	114	3980	36.7	18.4	4.1
IA2061	CC, YH	45.5		9/19	2.4	38	150	3020	36.0	19.3	3.0
IA1008	SCN, YH	44.4	1	9/14	1.7	38	149	3050	36.4	18.2	3.5
+A00-711003	SCN, YH	42.8	2	9/14	1.8	31	122	3730	37.0	18.1	4.3
+A00-711013	SCN, YH	41.1	3	9/17	2.3	33	104	4340	35.8	18.3	3.8
IA1007	LS	33.3	10	9/11	1.5	31	190	2380	39.4	17.2	3.5
IA1011	LS	39.4	5	9/13	2.1	32	205	2210	37.8	18.0	4.5
IA1010	LS	41.3	2	9/15	1.6	31	220	2060	37.6	18.4	3.6
IA2012	LS	41.6	1	9/16	1.8	33	211	2150	38.1	18.0	4.1
IA2043	LS	40.7	3	9/16	2.0	32	210	2160	37.6	17.8	3.9
IA2045	LS	36.2	7	9/17	2.0	31	204	2220	38.5	17.9	3.4
IA2062	LS	37.2	6	9/18	1.8	32	203	2230	38.2	17.7	3.0
IA2040	LS	39.9	4	9/20	2.3	38	219	2070	38.3	17.9	3.5
IA2063	LS	35.9	8	9/20	2.8	39	216	2100	38.7	17.8	3.6
IA2037	LS	35.8	9	9/22	2.5	31	224	2030	39.6	17.6	3.9
IA2016	LS, HP	32.6	21	9/11	3.1	40	165	2750	39.8	17.1	3.8
IA2044	LS, HP	37.2	8	9/14	1.7	32	194	2330	39.0	18.0	4.8
IA1014	LS, HP	34.2	17	9/14	2.2	33	171	2650	41.1	17.4	3.6
Vinton 81	LS, HP	32.0	22	9/14	2.9	41	165	2740	39.2	17.2	3.0
IA2067	LS, HP	37.9	7	9/15	2.0	36	180	2520	39.6	17.7	3.8
IA2017	LS, HP	36.5	10	9/15	3.1	39	157	2880	39.7	17.0	3.5
IA2041	LS, HP	35.1	13	9/15	2.1	36	150	3020	41.0	17.2	4.3
HP204	LS, HP	33.1	19	9/15	3.1	42	161	2810	39.5	17.2	3.3
IA1013	LS, HP	40.1	1	9/16	2.1	36	191	2370	39.5	18.2	2.9

IA2053	LS, HP	39.9	2	9/16	2.5	37	177	2570	40.6	17.1	3.6
IA2042	LS, HP	39.1	3	9/16	3.1	36	168	2690	39.3	17.4	3.6
IA2048	LS, HP	35.2	12	9/16	1.9	33	192	2360	39.0	17.8	4.4
IA2047	LS, HP	35.5	11	9/17	1.8	34	193	2350	39.5	17.5	4.4
IA2054	LS, HP	38.0	6	9/18	2.3	40	170	2660	39.7	17.1	2.5
IA2049	LS, HP	33.4	18	9/18	1.9	34	190	2390	39.4	17.6	4.6
IA2046	LS, HP	38.6	5	9/19	2.0	32	200	2260	39.3	17.3	3.5
IA2034	LS, HP	36.6	9	9/21	2.5	40	170	2670	40.0	16.9	2.8
IA2020	LS, HP	35.0	14	9/21	2.3	40	186	2440	39.5	17.8	3.3
IA3011	LS, HP	34.6	16	9/21	2.1	36	161	2810	40.7	17.0	2.8
IA3006	LS, HP	32.9	20	9/22	2.2	33	198	2290	39.7	17.2	3.8
IA3021	LS, HP	39.1	3	9/24	1.9	36	188	2410	39.2	17.7	3.8
IA3016	LS, HP	34.7	15	9/26	3.3	34	194	2330	38.9	17.2	4.3
IA2056	SS	36.8	1	9/18	3.2	34	70	6490	35.7	18.1	3.9
IA2059	SS	36.3	3	9/19	3.4	34	70	6470	35.4	18.2	3.5
IA2058	SS	36.3	3	9/19	3.3	34	69	6540	35.7	18.0	4.0
IA2055	SS	35.2	5	9/19	3.2	34	70	6460	35.6	18.1	3.6
IA2057	SS	34.7	6	9/19	3.4	34	70	6500	35.7	18.0	3.8
IA2035	SS	31.6	7	9/20	3.4	35	62	7280	39.0	14.7	3.6
IA2060	SS	36.4	2	9/21	2.8	36	75	6030	36.2	18.0	3.4
IA2011	-L2	39.7		9/16	1.9	34	156	2900	37.2	18.5	3.9
IA2042LF	LF	38.7	3	9/18	2.5	36	169	2690	38.8	17.7	4.1
IA2032	LF	35.6	4	9/18	2.2	35	187	2430	38.6	18.4	3.1
IA2025	LF	33.9	6	9/18	1.8	33	173	2620	39.8	18.1	4.3
IA2036LF	LF, SCN, YH	40.2	2	9/19	2.8	41	123	3670	37.2	17.7	3.4
IA2027	LF	34.1	5	9/19	2.5	40	179	2530	38.4	18.5	3.3
IA3006LF	LF	32.1	7	9/20	1.9	31	190	2390	39.5	17.4	3.1
IA2040LF	LF	40.6	1	9/21	2.1	40	223	2030	38.2	18.5	2.8
IA3006PR	PR	32.3		9/24	2.0	33	198	2290	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	PR= Phytophthora

			Hilum	Resistant
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+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	