

2003 Specialty Soybean Test North, Iowa State University

Two-Year Means

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	49.8		9/12	2.1	31	158	2870	34.8	19.8	3.2
IA2061	CC, YH	50.6		9/17	2.5	36	168	2710	36.3	19.3	2.3
IA1008	SCN, YH	49.0	2	9/12	1.7	37	167	2710	36.0	18.4	2.8
+A00-711003	SCN, YH	50.8	1	9/14	1.8	32	143	3170	36.9	18.5	3.3
IA1007	LS	39.1	9	9/10	1.5	31	226	2010	38.4	17.6	2.6
IA1010	LS	49.3	1	9/12	1.5	33	258	1760	37.6	18.3	2.8
IA2043	LS	45.1	4	9/12	1.8	33	239	1900	36.9	18.2	2.8
IA1011	LS	45.1	4	9/12	2.0	32	240	1890	37.3	18.3	3.4
IA2012	LS	45.8	2	9/13	2.0	33	240	1890	38.0	18.0	3.2
IA2062	LS	45.0	6	9/15	1.7	31	244	1860	37.8	18.2	2.4
IA2045	LS	42.0	8	9/15	1.7	31	228	1990	37.6	18.3	2.6
IA2040	LS	45.6	3	9/18	2.1	37	256	1770	38.3	18.1	2.7
IA2063	LS	44.5	7	9/18	2.4	37	253	1790	38.2	18.0	2.9
IA2017	LS, HP	42.8	8	9/13	2.6	37	188	2410	38.8	17.5	2.8
IA2044	LS, HP	42.7	9	9/13	1.6	31	223	2030	38.3	18.3	3.4
IA1014	LS, HP	42.0	10	9/13	2.5	33	203	2230	40.0	17.9	2.8
IA1013	LS, HP	45.0	6	9/14	2.1	36	219	2080	39.7	18.3	2.3
IA2016	LS, HP	40.3	13	9/14	2.8	37	197	2300	39.5	17.5	2.9
IA2042	LS, HP	45.4	4	9/15	2.5	35	199	2280	39.1	17.5	2.8
IA2047	LS, HP	41.0	11	9/15	1.8	33	228	1990	39.1	17.8	3.4
Vinton 81	LS, HP	37.1	15	9/15	2.5	39	192	2370	38.7	17.6	2.3
IA2053	LS, HP	46.6	2	9/16	2.3	35	205	2210	39.3	17.6	2.8
IA2046	LS, HP	47.2	1	9/17	2.0	33	228	1990	38.7	17.6	2.9
IA2067	LS, HP	46.6	2	9/17	2.0	36	213	2130	39.6	17.8	2.8
IA2048	LS, HP	42.9	7	9/17	1.9	33	228	1990	39.2	17.8	3.3
HP204	LS, HP	39.8	14	9/17	3.0	40	193	2350	39.1	17.6	2.7

IA2054	LS, HP	45.3	5	9/19	2.1	39	192	2360	39.5	17.3	2.1
IA2049	LS, HP	40.6	12	9/19	1.9	33	226	2000	38.6	18.0	3.6
IA1012	SS	35.4	6	9/6	2.3	30	69	6530	36.1	17.1	3.8
IA2055	SS	40.4	5	9/17	2.7	33	80	5660	36.0	18.0	2.9
IA2059	SS	41.3	1	9/18	2.8	33	80	5670	36.2	17.9	2.7
IA2057	SS	41.1	2	9/18	2.7	33	79	5740	36.1	17.9	2.6
IA2056	SS	40.9	3	9/18	2.7	33	79	5710	36.3	17.7	2.9
IA2058	SS	40.8	4	9/18	2.7	33	79	5770	36.2	17.8	3.0
IA2011	-L2	46.7		9/16	1.9	34	179	2540	37.5	18.5	2.8
IA2042LF	LF	44.5	3	9/16	2.3	35	199	2280	38.9	18.0	3.3
IA2036LF	LF, SCN, YH	45.2	1	9/17	2.8	39	139	3270	37.4	17.8	3.1
IA2025	LF	40.7	4	9/17	1.9	33	198	2290	39.3	18.1	3.2
IA2032	LF	40.2	5	9/18	2.2	37	212	2140	38.8	18.5	2.6
IA2040LF	LF	44.9	2	9/19	2.0	37	252	1800	38.4	18.5	2.4
IA2027	LF	38.1	6	9/19	2.7	40	199	2270	38.6	18.5	2.4

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	