

2005 Specialty Soybean Test South, Iowa State University
 Ames, Carlisle, Lewis, Osceola, and Ottumwa, Iowa

Entry	Yield bu/a	Group rank	Maturity date	Lodging score	Height inches	Seed weight mg/sds	Protein sds/lb %	Oil %	Chlorosis score	Character
IA2065	59.8	3	9/10	1.6	29	146	3100 34.1	21.0	2.1	Commodity check
IA3023	66.1	1	9/23	1.9	32	149	3050 33.1	20.0	2.6	Commodity check
Macon	61.4	2	9/25	1.8	34	159	2860 34.9	19.4	2.8	Commodity check
IA2068	60.1		9/8	2.0	30	126	3600 32.6	19.9	2.1	SCN resistant, yellow hilum
IA2063	56.4	2	9/10	1.9	32	257	1770 36.3	18.9	2.0	Large seed
IA2040	53.0	4	9/11	1.6	30	265	1710 36.8	18.6	2.0	Large seed
IA3009	55.5	3	9/15	1.9	30	263	1720 35.7	19.2	2.8	Large seed
IA3015	60.2	1	9/18	2.0	33	276	1640 35.4	19.0	2.1	Large seed
IA2074	55.2	9	9/9	1.4	28	208	2180 38.2	18.0	2.5	Large seed & high protein
IA2054	54.1	11	9/9	1.6	31	202	2250 38.5	17.5	2.4	Large seed & high protein
IA2020	51.5	12	9/10	1.8	33	212	2140 37.9	18.6	2.6	Large seed & high protein
IA3021	57.4	6	9/11	1.4	29	213	2130 37.3	18.9	2.4	Large seed & high protein
IA3011	54.4	10	9/11	1.7	31	200	2260 38.5	18.3	2.4	Large seed & high protein
+A02-238026	59.6	3	9/12	1.6	29	198	2290 37.8	18.1	2.3	Large seed & high protein
IA2034	59.4	4	9/12	1.7	32	203	2240 38.0	17.9	2.0	Large seed & high protein
IA3001	57.2	7	9/13	1.9	34	182	2500 38.0	18.5	2.0	Large seed & high protein
IA3006	57.1	8	9/13	1.8	29	232	1960 37.3	18.5	2.5	Large seed & high protein
IA3022	60.8	1	9/21	1.9	33	205	2210 38.7	17.7	2.3	Large seed & high protein
IA3016	59.8	2	9/21	2.0	32	227	1990 36.9	18.4	2.3	Large seed & high protein
IA4003	58.8	5	9/25	1.9	34	209	2170 38.8	17.6	3.0	Large seed & high protein
IA2058	50.9	2	9/12	2.0	30	75	6060 34.3	18.4	2.3	Small seed
IA2055	50.7	3	9/12	2.3	30	78	5800 34.2	18.5	2.5	Small seed
IA2060	55.1	1	9/14	1.8	31	80	5680 35.3	18.2	2.0	Small seed
IA4002	45.4	4	9/27	2.4	40	77	5890 38.2	15.5	2.9	Small seed

IA2040LF	53.3	2	9/11	1.5	30	257	1760	36.9	19.12.0	Lipoxygenase free
IA3006LF	53.9	1	9/12	1.6	28	219	2070	37.2	18.72.4	Lipoxygenase free
IA3008LF	53.1	3	9/17	2.4	32	86	5260	34.4	18.62.4	Lipoxygenase free
IA3006PR	55.7		9/13	1.8	30	229	1980	37.5	18.82.6	Phytophthora resistant

+Available for licensing from the Iowa State University Research Foundation for commercial planting in 2006.

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

For information about the test, contact Walter Fehr, Department of Agronomy, Iowa State University, Ames, IA 50011.

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