

Table 1. 2006 Modified Oil Soybean Test—South, Ames, Carlisle, Lewis, Osceola, and Ottumwa, IA.

Entry	Yield bu/a	Maturity date	Lodging score	Height in.	Seed weight		Protein %	Oil %	Palmitic %	Stearic %	Palmitic +		Linoleic %	Linolenic %	Character
					mg/sd	sds/lb					Stearic %	Oleic %			
IA3023	60.5	9/29	2.4	36	163	2780	33.8	19.0	10.9	3.8	14.6	21.5	56.7	7.2	Commodity check
#IA2079	50.9	9/15	2.1	33	170	2670	36.4	18.4	11.6	4.4	15.9	23.0	60.1	1.1	1% linolenic
IA2072	46.9	9/15	2.3	31	147	3090	35.4	18.3	11.0	4.2	15.1	23.3	60.4	1.1	1% linolenic
IA2073	45.6	9/15	2.0	32	146	3110	35.4	18.5	11.0	4.2	15.2	23.3	60.5	1.1	1% linolenic
IA2064	50.0	9/18	2.9	37	143	3160	37.1	19.1	10.5	4.6	15.1	25.9	58.0	1.0	1% linolenic
IA3028	50.0	9/19	2.7	35	154	2950	36.1	17.8	10.9	4.3	15.2	21.9	61.6	1.3	1% linolenic, SCN resistant
IA3017	49.5	9/22	2.3	34	168	2700	36.3	17.7	10.8	4.3	15.1	24.6	59.2	1.1	1% linolenic
IA3024	55.1	9/24	2.1	37	166	2730	34.1	18.9	11.0	4.1	15.2	24.5	59.1	1.2	1% linolenic
IA3025	53.3	9/25	2.3	38	174	2610	35.9	18.3	11.0	4.2	15.2	24.4	59.2	1.2	1% linolenic
IA2065	53.3	9/20	2.6	32	156	2900	35.4	20.1	10.1	4.4	14.5	25.2	58.0	2.3	2.5% linolenic
IA3018	58.0	9/27	2.8	40	162	2800	34.6	19.2	10.6	3.9	14.6	22.7	60.3	2.4	2.5% linolenic
IA3019	50.6	9/28	2.6	36	157	2890	34.4	19.0	10.6	4.1	14.7	22.0	60.7	2.6	2.5% linolenic
IA2069	48.0	9/13	1.8	29	177	2560	37.0	18.7	4.0	2.7	6.7	23.8	61.3	8.2	Low saturates
IA3026	50.8	9/22	2.7	41	146	3120	35.4	18.0	4.1	3.0	7.1	25.1	60.0	7.7	Low saturates

Yield: Bushels/acre at 13% moisture.

Maturity: Month/Day.

Lodging: 1=erect, 5=prostrate.

Protein and oil: 13%-moisture basis.

#Available for licensing from the Iowa State University Research Foundation for commercial planting in 2007. The experimental line designation of IA2079 was A05-213013.