

Table 1. 2008 Modified Oil Soybean Test—North. Ames, Charles City, Curlew, and Kanawha, IA.

Entry	Yield bu/a ¹	Maturity date ²	Lodging score ³	Height in.	Seed weight mg/sd	Protein sds/lb	Oil % ⁴	Palmitic %	Palmitic +		Oleic %	Linoleic %	Linolenic %	Character	
									Stearic %	Stearic %					
IA1022	44.6	9/22	1.3	26	141	3210	31.9	19.9	11.1	4.1	15.3	22.3	53.9	8.6	SCN, yellow hilum
IA2094	44.5	9/25	1.5	28	140	3230	34.1	18.6	9.7	4.0	13.7	21.1	57.0	8.3	Commodity, yellow
IA1019	41.8	9/18	1.2	25	133	3420	35.7	18.3	9.8	4.9	14.7	24.5	59.5	1.2	1% linolenic
#IA2096	44.6	9/23	1.2	26	131	3450	34.5	18.4	11.4	4.5	15.9	21.7	61.1	1.3	1% linolenic
IA2073	36.6	9/24	1.4	24	131	3470	33.5	18.3	10.1	5.0	15.1	23.0	60.7	1.3	1% linolenic
IA2072	39.2	9/25	1.3	25	131	3460	34.0	18.1	10.2	5.0	15.1	23.3	60.4	1.2	1% linolenic
IA2079	48.5	9/26	1.5	27	150	3020	34.8	18.3	10.5	5.0	15.5	23.6	59.6	1.3	1% linolenic
IA2077	43.2	9/26	1.2	25	147	3080	34.9	17.4	10.0	4.7	14.7	23.6	60.4	1.3	1% linolenic
IA2078	46.5	9/28	1.3	29	143	3180	34.5	18.4	11.0	5.0	16.0	22.2	60.5	1.3	1% linolenic
#IA3042	47.0	9/29	1.4	26	132	3450	34.1	18.5	10.6	5.0	15.6	21.4	61.5	1.5	1% linolenic
#A06-816002	36.7	9/19	1.2	25	133	3400	34.9	18.6	3.8	3.4	7.2	24.5	60.5	7.8	Low saturates
#IA1024	43.3	9/20	1.5	26	152	2980	34.9	18.1	3.9	3.2	7.1	24.2	60.2	8.5	Low saturates
IA1020	43.4	9/21	1.2	27	117	3890	33.9	17.8	4.1	3.3	7.3	20.9	62.0	9.7	Low saturates
IA2075	43.0	9/23	1.7	32	130	3500	33.2	18.0	4.0	3.3	7.3	21.2	62.3	9.2	Low saturates
IA2069	36.6	9/23	1.0	22	157	2880	34.9	18.3	3.9	3.3	7.3	23.0	60.7	9.1	Low saturates
#IA2095	44.8	9/24	1.2	24	141	3210	34.4	17.8	4.1	3.3	7.4	23.8	59.8	9.0	Low saturates
IA2092	41.9	9/24	1.1	25	151	3010	33.5	18.4	3.9	3.3	7.2	25.9	58.4	8.5	Low saturates
#A06-817010	41.3	9/25	1.2	25	166	2730	34.1	18.5	3.8	3.4	7.2	24.6	59.9	8.3	Low saturates

¹Yield: bushels/acre at 13% moisture.

²Maturity: month/day.

³Lodging: 1 = erect, 5 = prostrate.

⁴Protein and oil: 13%-moisture basis.

Available for licensing from the Iowa State University Research Foundation for commercial planting in 2009. The experimental line designation of IA2096 was A06-715003; IA3042 was A05-213034; IA1024 was A06-816003; and IA2095 was A05-215007.