

Table 1. 2009 Modified Oil Soybean Test—North, Iowa State University Ames, Charles City, Kanawha, and Wallingford, IA.

Entry	Yield bu/a ¹	Maturity date ²	Lodging score ³	Height inches	Seed weight mg/sd	sds/lb	Protein % ⁴	Oil % ⁴	Palmitic %	Palmitic +					Character
										Stearic %	Stearic %	Oleic %	Linoleic %	Linolenic %	
IA1022	49.5	9/18	1.6	30	158	2870	32.3	20.2	10.9	4.5	15.4	23.2	53.4	8.1	SCN, yellow hilum
IA2094	50.1	9/20	1.5	32	161	2810	34.9	18.6	9.4	4.7	14.1	23.0	56.1	7.4	Commodity, yellow
IA1019	45.2	9/15	1.3	30	152	2990	35.5	18.4	9.3	5.0	14.3	23.7	60.7	1.1	1% linolenic
IA2096	48.4	9/19	1.3	32	145	3130	34.9	18.5	11.1	5.3	16.5	22.8	59.5	1.2	1% linolenic
IA2079	45.5	9/19	1.4	28	162	2800	35.0	18.3	9.9	5.8	15.7	23.5	59.6	1.2	1% linolenic
IA2077	48.9	9/21	1.5	28	162	2810	35.1	17.3	9.4	5.2	14.6	23.5	60.7	1.2	1% linolenic
IA2078	45.6	9/22	1.3	31	154	2950	34.6	18.5	10.3	6.1	16.5	23.5	58.8	1.2	1% linolenic
†A07-421002	49.5	9/16	1.2	30	177	2560	35.6	17.1	3.9	4.0	7.8	24.6	59.0	8.6	Low saturates
#A07-421013	48.5	9/16	1.5	28	152	2980	34.7	18.7	3.9	3.5	7.4	22.0	62.4	8.2	Low saturates
IA1020	50.3	9/17	1.3	32	135	3370	34.5	17.1	3.8	3.5	7.3	21.8	61.5	9.4	Low saturates
IA1024	50.0	9/17	1.8	29	175	2590	35.3	17.7	4.0	3.7	7.7	23.5	60.6	8.2	Low saturates
IA2095	47.4	9/18	1.3	27	155	2920	35.1	17.3	3.9	4.1	8.0	25.3	58.1	8.6	Low saturates
†A07-521023	48.1	9/21	1.5	29	173	2620	34.8	17.2	3.8	4.2	8.0	24.8	58.6	8.6	Low saturates
IA2092	45.9	9/21	1.4	29	165	2750	33.7	17.9	3.9	4.1	8.0	25.5	58.7	7.8 ⁴	Low saturates

¹Yield: bushels/acre at 13% moisture.

²Maturity: month/day.

³Lodging: 1 = erect, 5 = prostrate.

⁴Protein and oil: 13%-moisture basis

† Released in November 2009. The experimental line designation A07-421002 is IA1025 and A07-521023 is IA2099.

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