

**2009 Modified Oil Soybean Test North, Iowa State University  
Ames, Charles City, Kanawha, and Wallingford, Iowa**

Entry	Yield bu/a	Group rank	Maturity date	Lodging score	Height inches	Seed weight		Protein %	Oil %	Chlorosis score	Palmitic %	Stearic %	Palmitic + Stearic		Linoleic %	Linolenic %	Character
						mg/sd	sds/lb						%	%			
IA1022	49.5		9/18	1.6	30	158	2870	32.3	20.2	3.1	10.9	4.5	15.4	23.2	53.4	8.1	SCN resistant, yellow hilum
IA2094	50.1		9/20	1.5	32	161	2810	34.9	18.6	4.0	9.4	4.7	14.1	23.0	56.1	7.4	Commodity, yellow hilum
IA1019	45.2	5	9/15	1.3	30	152	2990	35.5	18.4	2.9	9.3	5.0	14.3	23.7	60.7	1.1	1% linolenic
IA2096	48.4	2	9/19	1.3	32	145	3130	34.9	18.5	3.6	11.1	5.3	16.5	22.8	59.5	1.2	1% linolenic
IA2079	45.5	4	9/19	1.4	28	162	2800	35.0	18.3	2.9	9.9	5.8	15.7	23.5	59.6	1.2	1% linolenic
IA2077	48.9	1	9/21	1.5	28	162	2810	35.1	17.3	3.8	9.4	5.2	14.6	23.5	60.7	1.2	1% linolenic
IA2078	45.6	3	9/22	1.3	31	154	2950	34.6	18.5	3.4	10.3	6.1	16.5	23.5	58.8	1.2	1% linolenic
†IA1025	49.5	3	9/16	1.2	30	177	2560	35.6	17.1	3.8	3.9	4.0	7.8	24.6	59.0	8.6	Low saturates
#A07-421013	48.5	4	9/16	1.5	28	152	2980	34.7	18.7	3.4	3.9	3.5	7.4	22.0	62.4	8.2	Low saturates
IA1020	50.3	1	9/17	1.3	32	135	3370	34.5	17.1	3.4	3.8	3.5	7.3	21.8	61.5	9.4	Low saturates
IA1024	50.0	2	9/17	1.8	29	175	2590	35.3	17.7	3.1	4.0	3.7	7.7	23.5	60.6	8.2	Low saturates
IA2095	47.4	6	9/18	1.3	27	155	2920	35.1	17.3	3.9	3.9	4.1	8.0	25.3	58.1	8.6	Low saturates
†IA2099	48.1	5	9/21	1.5	29	173	2620	34.8	17.2	3.4	3.8	4.2	8.0	24.8	58.6	8.6	Low saturates
IA2092	45.9	7	9/21	1.4	29	165	2750	33.7	17.9	3.9	3.9	4.1	8.0	25.5	58.7	7.8	Low saturates

†Released in November 2009.

#Available for foundation seed production in 2010.

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.

Phone: 515-294-6865; Fax: 515-294-6514; E-mail: [wfehr@iastate.edu](mailto:wfehr@iastate.edu)

For information on licensing soybean cultivars developed by Iowa State University, contact:

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**2008 - 2009 Modified Oil Soybean Test North, Iowa State University  
Two-Year Means**

Entry	Yield bu/a	Group rank	Maturity date	Lodging score	Height inches	Seed weight mg/sd	sds/lb	Protein %	Oil %	Chlorosis score	Palmitic %	Stearic %	Palmitic +		Linoleic %	Linolenic %	Character
													Stearic %	Oleic %			
IA1022	47.0		9/20	1.4	28	150	3030	32.1	20.1	3.3	11.0	4.3	15.3	22.7	53.6	8.3	SCN resistant, yellow hilum
IA2094	47.3		9/22	1.5	30	151	3010	34.5	18.6	3.8	9.5	4.4	13.9	22.0	56.5	7.8	Commodity, yellow hilum
IA1019	43.5	5	9/16	1.3	27	142	3190	35.6	18.3	3.1	9.5	5.0	14.5	24.1	60.1	1.2	1% linolenic
IA2096	46.5	2	9/21	1.2	29	138	3280	34.7	18.4	3.6	11.3	4.9	16.2	22.2	60.3	1.3	1% linolenic
IA2079	47.0	1	9/22	1.4	27	156	2900	34.9	18.3	3.1	10.2	5.4	15.6	23.5	59.6	1.2	1% linolenic
IA2077	46.0	3	9/23	1.4	26	154	2940	35.0	17.4	3.8	9.7	5.0	14.6	23.6	60.6	1.2	1% linolenic
IA2078	46.0	3	9/25	1.3	30	148	3060	34.6	18.5	3.6	10.6	5.6	16.2	22.9	59.6	1.3	1% linolenic
IA1024	46.7	4	9/18	1.6	28	164	2770	35.1	17.9	3.6	3.9	3.4	7.4	23.8	60.4	8.4	Low saturates
†IA1025	47.6	1	9/19	1.2	29	174	2610	35.4	17.3	3.8	3.8	3.7	7.5	25.1	58.4	9.0	Low saturates
IA1020	46.9	2	9/19	1.2	29	126	3610	34.2	17.4	3.7	3.9	3.4	7.3	21.4	61.7	9.6	Low saturates
#A07-421013	46.9	2	9/19	1.4	28	146	3100	34.9	18.6	3.6	3.9	3.4	7.3	21.8	62.3	8.5	Low saturates
IA2095	46.1	5	9/21	1.2	25	148	3060	34.8	17.5	3.9	4.0	3.7	7.7	24.6	59.0	8.8	Low saturates
IA2092	43.9	6	9/22	1.3	27	158	2870	33.6	18.1	3.9	3.9	3.7	7.6	25.7	58.6	8.1	Low saturates

†Released in November 2009.

#Available for foundation seed production in 2010.

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

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**2009 Modified Oil Soybean Test Central, Iowa State University  
Ames, Carlisle, Rippey, and Vinton, Iowa**

Entry	Yield bu/a	Group rank	Maturity date	Lodging score	Height inches	Seed weight mg/sd sds/lb	Protein %	Oil %	Chlorosis score	Palmitic %	Stearic %	Palmitic +		Linoleic %	Linolenic %	Character
												Stearic %	Oleic %			
IA2094	57.6		9/19	1.8	31	181 2510	34.3	19.0	4.0	9.7	4.0	13.7	21.4	56.9	8.1	Commodity, yellow hilum
IA2096	55.7	11	9/16	1.3	30	159 2860	34.5	18.7	3.6	11.6	4.6	16.2	21.4	61.1	1.3	1% linolenic
IA2079	58.3	7	9/18	1.4	27	181 2500	35.0	18.3	2.9	10.4	5.2	15.6	23.5	59.7	1.2	1% linolenic
IA2073	53.4	13	9/18	2.2	30	166 2740	33.7	18.5	3.3	10.0	5.0	15.0	23.0	60.7	1.3	1% linolenic
†IA2101	61.6	3	9/19	1.5	33	201 2260	34.0	17.9	3.3	10.1	5.1	15.2	23.9	59.5	1.4	1% linolenic
IA2077	59.6	6	9/19	1.6	29	183 2480	34.9	17.6	3.8	9.9	4.7	14.6	23.1	61.1	1.2	1% linolenic
IA2078	58.3	7	9/19	1.4	32	172 2630	34.7	18.5	3.4	10.9	5.2	16.1	22.8	59.9	1.2	1% linolenic
IA2072	55.4	12	9/19	1.7	27	164 2770	33.2	18.7	3.1	10.1	4.9	15.0	23.5	60.3	1.2	1% linolenic
IA3042	62.0	2	9/20	1.6	27	165 2740	34.1	18.8	3.8	10.5	5.3	15.7	22.6	60.4	1.3	1% linolenic
IA3024	60.2	5	9/22	1.8	33	187 2430	32.5	18.7	3.3	10.0	5.0	15.0	25.3	58.3	1.3	1% linolenic
IA2097	57.4	9	9/22	2.0	34	171 2650	34.6	17.9	3.6	9.7	5.2	14.8	22.6	61.3	1.3	1% linolenic
IA3028	57.1	10	9/22	2.0	33	176 2570	34.2	18.7	3.3	10.1	4.9	15.1	22.1	61.5	1.3	1% linolenic, SCN resistant
†IA3050	62.5	1	9/23	1.7	32	203 2230	34.8	18.2	2.9	10.1	5.1	15.2	25.2	57.1	2.5	1% linolenic
IA3025	60.5	4	9/23	1.7	35	195 2320	34.1	18.3	3.1	10.0	5.2	15.2	25.6	58.0	1.2	1% linolenic
IA2065	58.8		9/20	1.8	29	169 2690	33.0	20.2	3.4	9.6	5.0	14.7	23.7	59.2	2.4	2.5% linolenic
IA2088	43.8		9/16	2.0	30	172 2640	36.3	16.8	3.0	8.6	4.8	13.5	47.1	38.0	1.4	Mid oleic
IA1024	58.9	3	9/13	1.9	27	200 2260	35.4	18.1	3.1	4.1	3.2	7.3	23.2	61.2	8.2	Low saturates
†IA1025	57.7	6	9/14	1.5	29	200 2270	35.7	17.7	3.8	3.9	3.4	7.3	24.9	59.1	8.7	Low saturates
#A07-421013	55.1	12	9/15	2.2	29	173 2620	34.5	18.7	3.4	3.9	3.1	7.0	21.0	63.3	8.7	Low saturates
IA2069	53.6	13	9/15	1.3	26	204 2220	35.2	18.5	3.0	4.0	3.3	7.3	22.0	61.9	8.8	Low saturates
IA2095	56.9	9	9/16	1.5	27	173 2620	34.9	17.7	3.9	4.1	3.4	7.4	23.6	60.0	9.0	Low saturates
#A07-521030	58.3	4	9/17	1.5	29	194 2340	33.8	18.2	3.3	4.0	3.7	7.7	24.6	59.0	8.6	Low saturates
IA2075	57.7	6	9/17	1.9	36	162 2800	33.6	17.8	3.3	4.2	3.3	7.6	21.3	62.3	8.8	Low saturates
IA2092	53.6	13	9/18	1.5	28	183 2470	33.6	18.5	3.9	4.0	3.3	7.3	25.6	59.3	7.8	Low saturates
†IA2100	60.3	1	9/19	1.8	28	179 2540	33.5	18.6	3.8	3.9	3.6	7.5	24.7	60.3	7.6	Low saturates
†IA2099	58.1	5	9/19	1.8	29	195 2330	34.6	17.5	3.4	3.9	3.7	7.7	24.1	59.5	8.7	Low saturates
#A07-521055	57.3	8	9/20	1.8	33	184 2460	34.1	17.7	3.8	3.9	3.6	7.4	23.4	59.6	9.6	Low saturates
†IA3049	59.8	2	9/21	2.1	32	221 2050	35.8	17.8	4.0	3.9	3.8	7.7	25.6	58.7	8.0	Low saturates
ZFS 291	56.1	10	9/21	1.7	32	193 2350	34.9	18.4	3.4	3.8	3.6	7.5	24.1	60.6	7.8	Low saturates
IA3026	55.8	11	9/22	2.0	40	152 2980	33.6	17.0	3.6	4.0	3.9	7.9	24.1	59.7	8.3	Low saturates

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**2008 - 2009 Modified Oil Soybean Test Central, Iowa State University  
Two-Year Means**

Entry	Yield bu/a	Group rank	Maturity date	Lodging score	Height inches	Seed weight mg/sd	sds/lb	Protein %	Oil %	Chlorosis score	Palmitic %	Stearic %	Palmitic +		Linolenic %	Character	
													Stearic %	Oleic %			
IA2094	54.6		9/19	1.7	31	166	2740	34.7	18.9	3.8	9.7	4.0	13.7	22.0	56.6	7.8	Commodity, yellow hilum
IA2096	53.4	11	9/17	1.4	30	150	3020	34.9	18.6	3.6	11.4	4.6	16.1	22.6	60.0	1.3	1% linolenic
IA2072	52.8	12	9/19	1.6	27	152	2990	33.8	18.6	3.5	10.1	4.9	15.0	24.4	59.4	1.2	1% linolenic
IA2073	51.1	13	9/19	2.1	29	153	2970	34.0	18.5	3.4	10.0	5.0	15.0	24.2	59.6	1.3	1% linolenic
IA2079	56.1	6	9/20	1.5	28	168	2710	35.3	18.3	3.1	10.5	5.1	15.5	24.4	58.9	1.2	1% linolenic
IA2078	55.5	7	9/20	1.5	32	160	2840	35.0	18.4	3.6	11.0	5.0	15.9	22.9	59.9	1.2	1% linolenic
IA2077	54.0	10	9/20	1.6	28	167	2720	35.2	17.6	3.8	9.9	4.6	14.5	24.3	60.0	1.3	1% linolenic
†IA2101	60.0	2	9/21	1.6	33	186	2440	34.4	17.8	3.3	10.1	4.9	15.0	25.4	58.2	1.5	1% linolenic
IA3042	59.1	3	9/22	1.6	29	153	2960	34.6	18.5	3.6	10.7	5.1	15.8	22.8	60.1	1.3	1% linolenic
IA2097	55.2	8	9/23	1.8	33	156	2900	34.7	18.0	3.8	9.9	5.0	14.9	23.2	60.7	1.2	1% linolenic
IA3028	54.3	9	9/23	2.2	32	164	2760	34.5	18.5	3.3	10.3	4.9	15.2	22.4	61.1	1.3	1% linolenic, SCN resistant
IA3025	58.1	4	9/24	1.6	34	181	2510	34.6	18.2	3.2	10.0	5.0	14.9	26.5	57.3	1.3	1% linolenic
IA3024	57.5	5	9/24	1.8	32	171	2650	32.9	18.8	3.4	10.1	4.8	14.9	26.0	57.8	1.3	1% linolenic
†IA3050	60.8	1	9/25	1.6	31	186	2440	34.7	18.4	3.2	10.3	4.9	15.2	25.5	56.8	2.5	1% linolenic
IA2065	54.6		9/19	1.6	28	155	2930	33.2	20.4	3.6	9.6	5.0	14.6	24.3	58.7	2.4	2.5% linolenic
IA2088	42.0		9/17	1.9	29	157	2880	36.0	17.1	3.2	8.5	4.9	13.5	48.0	37.2	1.3	Mid oleic
IA1024	52.4	10	9/13	1.8	28	179	2530	35.5	18.3	3.6	4.1	3.2	7.2	24.0	60.9	7.8	Low saturates
IA2069	48.3	12	9/15	1.3	26	182	2500	35.3	18.5	3.3	4.0	3.3	7.3	23.3	60.9	8.5	Low saturates
IA2095	54.0	6	9/16	1.4	27	159	2860	34.9	18.0	3.9	4.0	3.3	7.3	25.5	58.6	8.6	Low saturates
IA2075	53.3	8	9/18	2.0	35	149	3050	34.0	18.1	3.3	4.1	3.2	7.3	22.6	61.5	8.6	Low saturates
IA2092	51.2	11	9/18	1.4	27	170	2670	33.9	18.7	3.9	4.0	3.3	7.2	27.3	57.9	7.6	Low saturates
†IA2099	56.5	1	9/20	1.7	29	178	2550	34.6	17.8	3.4	3.9	3.6	7.5	25.5	58.4	8.6	Low saturates
#A07-521030	55.6	4	9/20	1.5	30	182	2490	34.0	18.3	3.5	4.0	3.6	7.6	25.9	58.0	8.6	Low saturates
†IA2100	56.4	2	9/21	1.8	29	165	2750	33.8	18.7	3.7	3.9	3.4	7.3	24.9	60.1	7.7	Low saturates
#A07-521055	55.1	5	9/21	1.8	32	170	2670	34.2	17.8	3.9	3.9	3.4	7.3	24.3	58.9	9.4	Low saturates
IA3026	53.3	8	9/21	2.0	37	142	3190	33.5	17.6	3.7	3.9	3.6	7.5	25.1	59.0	8.4	Low saturates
†IA3049	56.0	3	9/22	2.1	32	200	2270	35.4	18.2	4.1	3.8	3.7	7.5	26.9	57.7	8.0	Low saturates
ZFS 291	53.5	7	9/23	1.7	33	176	2580	34.8	18.6	3.6	4.1	3.5	7.6	25.4	59.3	7.7	Low saturates

†Released in November 2009.

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Three-Year Means**

Entry	Yield bu/a	Group rank	Maturity date	Lodging score	Height inches	Seed weight		Protein %	Oil %	Chlorosis score	Palmitic %	Stearic %	Palmitic + Stearic		Oleic %	Linoleic %	Linolenic %	Character
						mg/sd	sds/lb						%	%				
IA2079	55.7	5	9/17	1.7	29	169	2680	35.4	18.4	3.0	10.6	5.0	15.5	24.8	58.4	1.2	1% linolenic	
IA2072	53.3	9	9/17	1.9	28	154	2950	34.1	18.6	3.5	10.2	4.8	15.0	24.8	59.0	1.2	1% linolenic	
IA2073	52.0	10	9/17	2.2	30	155	2940	34.3	18.5	3.4	10.1	4.9	15.0	24.4	59.4	1.2	1% linolenic	
IA2077	55.1	6	9/18	1.7	30	170	2660	35.4	17.7	3.8	10.0	4.5	14.6	24.8	59.4	1.2	1% linolenic	
IA2078	55.0	7	9/18	1.7	33	161	2810	35.4	18.4	3.7	11.1	5.0	16.0	23.2	59.6	1.2	1% linolenic	
IA3042	58.4	1	9/20	1.8	29	155	2930	35.0	18.5	3.8	10.7	5.0	15.7	23.1	59.9	1.3	1% linolenic	
IA2097	55.8	4	9/21	2.1	34	160	2840	35.0	18.0	3.8	9.9	4.9	14.8	23.5	60.4	1.2	1% linolenic	
IA3028	54.0	8	9/21	2.4	34	163	2780	34.9	18.4	3.3	10.3	4.8	15.1	22.9	60.6	1.3	1% linolenic, SCN resistant	
IA3024	57.5	2	9/23	2.0	34	173	2620	33.2	18.8	3.6	10.2	4.7	14.9	26.4	57.4	1.3	1% linolenic	
IA3025	57.4	3	9/23	1.9	35	181	2510	34.9	18.3	3.2	10.1	4.9	15.0	26.8	56.9	1.3	1% linolenic	
IA2065	55.1		9/19	1.9	30	157	2880	33.6	20.3	3.6	9.6	4.9	14.5	25.1	57.9	2.4	2.5% linolenic	
IA2088	43.3		9/15	2.1	30	160	2840	36.3	17.2	3.2	8.5	4.8	13.3	49.2	36.2	1.3	Mid oleic	
IA2069	49.7	7	9/14	1.4	27	185	2450	35.6	18.6	3.5	3.9	3.2	7.2	24.1	60.5	8.3	Low saturates	
IA2095	53.2	4	9/15	1.7	28	161	2820	35.2	18.1	4.0	4.0	3.3	7.3	26.0	58.3	8.4	Low saturates	
IA2075	53.8	3	9/16	2.3	36	150	3020	34.3	18.2	3.4	4.1	3.2	7.2	23.3	61.2	8.3	Low saturates	
IA2092	52.0	6	9/17	1.5	29	172	2640	34.1	18.9	4.2	3.9	3.2	7.1	28.4	57.2	7.3	Low saturates	
IA3026	54.8	2	9/20	2.3	39	144	3150	33.9	17.7	3.8	3.9	3.5	7.4	26.0	58.6	8.0	Low saturates	
†IA3049	55.8	1	9/21	2.4	33	201	2260	35.8	18.2	4.1	3.7	3.6	7.4	28.0	56.9	7.7	Low saturates	
ZFS 291	53.2	4	9/22	1.9	34	177	2570	35.1	18.7	3.4	4.1	3.5	7.6	25.4	59.5	7.5	Low saturates	

†Released in November 2009.

Yield: Bushels/acre at 13% moisture

Maturity: Month/Day

Lodging: 1=Erect, 5= Prostrate

Protein and oil: 13%-moisture basis

Iron-deficiency chlorosis score: 1=No chlorosis, 5=Severe chlorosis

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

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**2009 Modified Oil Soybean Test South, Iowa State University  
Ames, Agency, Carlisle, Greenfield, and Osceola, Iowa**

Entry	Yield bu/a	Group rank	Maturity date	Lodging score	Height inches	Seed weight mg/sd	sds/lb	Protein %	Oil %	Chlorosis score	Palmitic %	Stearic %	Palmitic +		Linoleic %	Linolenic %	Character
													Stearic %	Oleic %			
IA3023	66.5	1	9/26	2.1	30	187	2430	32.8	19.5	3.4	10.2	3.9	14.1	22.5	56.1	7.3	Commodity check
IA4004	65.9	2	9/26	2.5	33	187	2430	34.8	18.2	3.9	10.6	4.5	15.1	23.7	53.8	7.5	Commodity check
IA2077	58.3	13	9/18	1.8	27	185	2450	35.1	18.0	3.8	10.1	4.4	14.5	23.0	61.3	1.2	1% linolenic
IA3042	60.9	10	9/19	1.8	26	172	2640	34.7	19.0	3.8	10.8	4.7	15.5	21.6	61.6	1.2	1% linolenic
IA2078	59.7	12	9/19	1.8	29	179	2530	35.0	18.7	3.4	11.2	4.7	15.9	22.3	60.6	1.2	1% linolenic
†IA2101	61.1	9	9/20	1.9	30	202	2250	34.6	18.1	3.3	10.4	4.5	14.9	23.6	60.2	1.4	1% linolenic
†IA3050	62.5	7	9/21	1.8	29	207	2190	35.0	18.8	2.9	10.6	4.7	15.2	25.0	57.7	2.1	1% linolenic
IA3028	60.7	11	9/21	2.3	31	185	2450	35.4	18.5	3.3	10.4	4.8	15.1	21.5	62.2	1.3	1% linolenic, SCN resistant
IA3025	63.7	5	9/22	1.8	32	198	2290	34.6	18.7	3.1	10.2	4.6	14.9	24.9	59.0	1.3	1% linolenic
IA2097	61.7	8	9/22	2.1	31	181	2510	34.8	18.3	3.6	10.1	4.5	14.6	22.1	62.2	1.2	1% linolenic
IA3024	63.1	6	9/23	2.0	31	191	2380	33.1	19.2	3.3	10.4	4.5	14.9	24.7	59.2	1.2	1% linolenic
†IA3044	66.5	4	9/24	1.7	29	206	2210	33.7	19.3	3.3	10.0	4.6	14.6	24.0	60.2	1.2	1% linolenic
†IA3043	67.6	2	9/27	2.2	36	185	2450	35.0	19.0	3.3	9.9	4.8	14.6	23.0	61.2	1.2	1% linolenic
IA3041	66.8	3	9/28	2.1	33	186	2430	34.8	17.8	3.9	10.5	4.6	15.2	24.5	59.1	1.3	1% linolenic
†IA4005	73.1	1	9/30	1.7	29	177	2570	34.2	18.8	3.5	9.9	4.8	14.7	23.7	60.3	1.3	1% linolenic
IA3018	65.8		9/28	2.5	35	180	2530	33.0	19.7	3.6	9.6	4.2	13.8	23.7	60.0	2.5	2.5% linolenic
IA3039	53.2	2	9/22	2.1	30	171	2650	36.3	17.0	3.6	8.8	4.9	13.7	50.1	35.0	1.2	Mid oleic
IA3036	55.5	1	9/24	2.3	32	169	2680	35.2	17.1	3.3	8.2	4.7	12.9	52.3	33.6	1.2	Mid oleic
#A07-521030	57.9	5	9/16	1.7	28	196	2310	34.3	18.7	3.3	4.2	3.5	7.6	25.0	59.1	8.2	Low saturates
†IA2100	60.1	2	9/19	1.9	27	183	2480	33.9	19.0	3.8	3.9	3.2	7.1	24.7	60.5	7.7	Low saturates
#A07-521055	56.7	6	9/19	2.1	30	190	2390	33.9	18.2	3.8	4.0	3.4	7.4	23.9	59.8	8.9	Low saturates
†IA3049	60.7	1	9/21	2.3	31	224	2030	35.5	18.6	4.0	3.8	3.4	7.2	26.2	58.8	7.8	Low saturates
ZFS 291	58.3	4	9/21	2.0	31	195	2330	34.8	19.0	3.4	4.0	3.4	7.4	24.7	60.4	7.5	Low saturates
IA3026	58.6	3	9/22	2.4	37	155	2920	33.4	17.8	3.6	4.2	3.6	7.7	23.9	60.4	8.0	Low saturates

†Released in November 2009.

#Available for foundation seed production in 2010.

Yield: Bushels/acre at 13% moisture

Maturity: Month/Day

Lodging: 1=Erect, 5= Prostrate

Protein and oil: 13%-moisture basis

Iron-deficiency chlorosis score: 1=No chlorosis, 5=Severe chlorosis

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**2009 Modified Oil Soybean Test South, Iowa State University  
Two-Year Means**

Entry	Yield bu/a	Group rank	Maturity date	Lodging score	Height inches	Seed weight		Protein %	Oil %	Chlorosis score	Palmitic %	Stearic %	Palmitic + Stearic		Linoleic %	Linolenic %	Character
						mg/sd	sds/lb						%	%			
IA3023	57.3		9/28	2.2	30	166	2730	32.6	19.4	3.4	10.3	3.9	14.3	22.5	56.0	7.3	Commodity check
IA2077	52.3	10	9/19	2.0	27	166	2730	35.2	17.9	3.8	10.2	4.5	14.8	23.9	60.1	1.2	1% linolenic
IA2078	53.8	8	9/20	2.0	30	161	2810	35.3	18.5	3.6	11.2	4.7	16.0	22.5	60.3	1.3	1% linolenic
IA2097	54.4	7	9/23	2.3	31	161	2810	34.7	18.3	3.8	10.2	4.6	14.8	22.7	61.3	1.2	1% linolenic
IA3028	53.2	9	9/23	2.6	31	168	2690	35.0	18.4	3.3	10.5	4.8	15.3	22.2	61.3	1.3	1% linolenic, SCN resistant
IA3024	58.4	5	9/24	2.1	31	175	2600	33.0	19.2	3.4	10.5	4.6	15.1	25.2	58.5	1.2	1% linolenic
IA3025	57.7	6	9/24	2.0	32	179	2530	34.8	18.6	3.2	10.4	4.7	15.1	25.6	58.1	1.3	1% linolenic
†IA3044	60.6	2	9/26	1.9	30	187	2420	33.7	19.3	3.5	10.1	4.7	14.8	24.0	59.9	1.2	1% linolenic
IA3041	59.3	4	9/30	2.4	33	176	2580	34.4	17.9	3.9	10.9	4.6	15.4	24.4	58.8	1.4	1% linolenic
†IA3043	60.6	2	10/1	2.4	36	172	2640	34.5	19.2	3.2	10.1	4.7	14.8	22.9	61.2	1.2	1% linolenic
†IA4005	63.9	1	10/3	1.9	30	163	2780	33.5	19.0	3.4	10.1	4.8	14.9	24.0	59.9	1.3	1% linolenic
IA3018	57.6		9/29	2.6	34	167	2710	32.7	19.8	3.5	10.0	4.2	14.1	23.4	59.9	2.6	2.5% linolenic
IA3039	48.1	2	9/24	2.2	30	154	2940	36.1	17.2	3.4	8.7	5.2	13.9	49.5	35.3	1.2	Mid oleic
IA3036	50.4	1	9/26	2.3	33	153	2960	34.9	17.5	3.3	8.4	4.8	13.2	51.0	34.7	1.2	Mid oleic
IA3026	52.0	3	9/21	2.5	36	143	3180	33.5	18.1	3.7	4.2	3.5	7.7	25.0	59.3	8.0	Low saturates
†IA3049	54.5	1	9/23	2.4	31	201	2260	35.0	18.8	4.1	3.8	3.5	7.3	26.7	58.2	7.8	Low saturates
ZFS 291	54.1	2	9/23	2.1	32	175	2590	34.5	19.1	3.6	4.2	3.4	7.6	24.4	60.4	7.5	Low saturates

†Released in November 2009.

Yield: Bushels/acre at 13% moisture  
 Maturity: Month/Day  
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