

**2010 Modified Oil Soybean Test North, Iowa State University  
Ames, Charles City, Eldora, Kanawha, and Sutherland, 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	Oleic %	Linoleic %	Linolenic %	Character
													+ Stearic %				
IA1022	53.1		9/10	1.9	32	142	3200	33.7	20.4	3.0	10.8	3.9	14.6	24.6	53.4	7.3	SCN resistant, yellow hilum
IA2094	53.3		9/13	1.8	36	146	3110	35.1	19.2	3.5	9.7	3.9	13.6	23.7	55.8	6.9	Commodity, yellow hilum
IA2096	49.1	4	9/10	1.4	35	134	3400	36.0	18.4	3.5	11.4	4.3	15.7	23.7	59.2	1.2	1% linolenic
IA2077	49.5	3	9/11	1.4	33	148	3070	35.3	18.2	3.4	10.1	4.4	14.6	27.4	56.9	1.1	1% linolenic
IA2079	52.7	2	9/12	1.5	34	144	3150	35.6	18.5	3.0	10.4	4.5	14.9	26.5	58.0	1.2	1% linolenic
<b>#IA2101</b>	54.5	1	9/15	1.8	37	158	2860	35.0	18.0	3.0	9.9	4.5	14.4	27.8	56.4	1.3	1% linolenic
IA1024	48.7	5	9/7	1.7	32	159	2860	35.8	18.9	3.3	3.8	2.9	6.8	28.9	57.4	7.0	Low saturates
IA1025	54.3	2	9/9	1.6	34	166	2740	35.7	18.3	3.5	3.8	2.9	6.7	31.1	54.7	7.5	Low saturates
IA2095	52.5	3	9/9	1.4	31	139	3270	35.1	18.7	3.0	4.0	3.2	7.1	28.8	56.5	7.6	Low saturates
IA2092	52.2	4	9/9	1.3	31	151	3000	34.9	19.4	2.9	3.9	3.0	6.9	33.8	52.7	6.6	Low saturates
IA2099	54.4	1	9/16	1.7	31	156	2910	34.3	18.7	3.1	3.8	3.3	7.2	27.6	57.4	7.8	Low saturates
IA2088	41.7		9/13	1.7	33	138	3280	35.8	17.6	3.0	8.3	4.6	12.8	51.6	34.4	1.2	Mid oleic

**#Available for release to interested growers in November 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:

Julie JG Minot

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The soybean varieties developed by Iowa State University were made possible through the financial support of the Iowa Soybean Association.

**2009 - 2010 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	51.3		9/14	1.8	31	150	3020	33.0	20.3	3.1	10.9	4.2	15.0	23.9	53.4	7.7	SCN resistant, yellow hilum
IA2094	51.7		9/16	1.7	34	154	2950	35.0	18.9	3.8	9.5	4.3	13.9	23.3	55.9	7.2	Commodity, yellow hilum
IA2096	48.7	3	9/14	1.3	33	139	3260	35.5	18.5	3.6	11.2	4.8	16.1	23.3	59.3	1.2	1% linolenic
IA2079	49.1	2	9/15	1.5	31	153	2960	35.3	18.4	2.9	10.2	5.2	15.3	25.0	58.8	1.2	1% linolenic
IA2077	49.2	1	9/16	1.5	30	155	2940	35.2	17.8	3.6	9.7	4.8	14.6	25.5	58.8	1.2	1% linolenic
IA1025	51.9	1	9/12	1.4	32	171	2650	35.7	17.7	3.6	3.8	3.4	7.3	27.9	56.8	8.0	Low saturates
IA1024	49.4	4	9/12	1.7	30	167	2720	35.5	18.3	3.2	3.9	3.3	7.2	26.2	59.0	7.6	Low saturates
IA2095	50.0	3	9/13	1.3	29	147	3090	35.1	18.0	3.4	3.9	3.6	7.6	27.0	57.3	8.1	Low saturates
IA2092	49.1	5	9/15	1.4	30	158	2870	34.3	18.6	3.4	3.9	3.5	7.5	29.6	55.7	7.2	Low saturates
IA2099	51.2	2	9/18	1.6	30	164	2760	34.6	18.0	3.3	3.8	3.8	7.6	26.2	58.0	8.2	Low saturates

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

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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	Oleic %	Linoleic %	Linolenic %	Character
						+ Stearic %											
IA1022	50.1		9/15	1.7	30	146	3110	32.9	20.2	3.2	10.9	4.1	15.0	23.7	53.5	7.8	SCN resistant, yellow hilum
IA2094	50.3		9/17	1.6	33	148	3060	34.8	18.9	3.6	9.6	4.1	13.8	22.8	56.2	7.4	Commodity, yellow hilum
IA2096	47.8	2	9/15	1.3	32	136	3340	35.4	18.4	3.5	11.3	4.6	15.9	23.0	59.7	1.3	1% linolenic
IA2079	49.9	1	9/17	1.5	30	150	3020	35.3	18.4	3.0	10.3	5.0	15.3	25.0	58.8	1.2	1% linolenic
IA2077	47.7	3	9/17	1.4	30	151	3000	35.2	17.8	3.6	9.9	4.7	14.6	25.5	58.8	1.2	1% linolenic
IA1024	47.7	4	9/12	1.7	30	161	2810	35.4	18.4	3.4	3.9	3.2	7.1	26.3	58.9	7.7	Low saturates
IA1025	51.0	1	9/14	1.4	31	170	2670	35.6	17.8	3.6	3.8	3.3	7.1	28.1	56.6	8.2	Low saturates
IA2095	49.3	2	9/15	1.3	28	143	3160	34.9	18.1	3.5	4.0	3.5	7.4	26.7	57.7	8.2	Low saturates
IA2092	48.1	3	9/15	1.3	29	155	2930	34.3	18.7	3.4	3.9	3.4	7.3	29.7	55.6	7.4	Low saturates

Yield: Bushels/acre at 13% moisture

Protein and oil: 13%-moisture basis

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

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**2010 Modified Oil Soybean Test Central, Iowa State University  
Ames, Carlisle, Eldora, 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	55.5		9/15	2.4	37	147	3080	35.7	19.1	3.5	9.5	3.7	13.2	23.5	56.4	6.9	Commodity, yellow hilum
IA2096	51.2	3	9/12	2.0	36	137	3320	36.9	18.5	3.5	11.2	4.3	15.5	25.0	58.1	1.4	1% linolenic
IA2079	50.0	6	9/16	2.2	36	143	3160	36.7	18.2	3.0	10.4	4.5	14.8	27.1	56.7	1.2	1% linolenic
IA2077	49.6	8	9/16	1.7	34	146	3110	36.4	17.9	3.4	10.1	4.3	14.3	28.6	55.8	1.3	1% linolenic
IA2097	49.5	9	9/17	2.4	38	134	3370	35.7	18.4	3.6	9.8	4.5	14.4	26.2	58.2	1.3	1% linolenic
<b>#IA2101</b>	52.3	1	9/18	2.5	37	158	2860	36.1	17.9	3.0	9.8	4.4	14.2	30.7	53.6	1.3	1% linolenic
IA3042	51.0	4	9/18	1.8	35	135	3370	36.6	18.0	3.6	10.8	4.6	15.4	24.3	59.0	1.3	1% linolenic
<b>#A08-252040</b>	51.0	4	9/18	2.9	39	135	3360	35.9	18.6	3.3	10.8	4.5	15.3	24.4	59.0	1.3	1% linolenic, SCN resistant
IA3028	49.7	7	9/18	2.9	38	140	3250	36.1	17.9	3.0	10.0	4.5	14.5	24.6	59.4	1.5	1% linolenic, SCN resistant
<b>#IA3050</b>	52.1	2	9/20	1.6	34	149	3050	36.4	18.3	3.0	10.5	4.4	14.9	28.9	54.9	1.3	1% linolenic
IA3024	48.9	10	9/21	2.3	37	146	3100	34.7	18.8	3.0	10.0	4.2	14.3	29.4	55.1	1.2	1% linolenic
IA3044	47.1	11	9/25	1.8	37	152	2980	35.8	18.7	3.1	9.9	4.7	14.5	27.1	57.1	1.3	1% linolenic
IA1025	51.9	7	9/10	2.5	35	161	2820	36.4	18.4	3.5	3.6	2.8	6.4	31.9	54.6	7.1	Low saturates
IA1024	51.3	8	9/10	2.6	34	164	2770	36.7	19.0	3.3	3.5	2.7	6.3	30.4	56.7	6.6	Low saturates
IA2092	47.7	10	9/10	1.6	32	152	2990	36.0	19.3	2.9	3.6	2.8	6.4	37.0	50.5	6.1	Low saturates
IA2069	44.6	11	9/11	1.4	30	162	2800	36.1	19.1	2.9	3.6	2.9	6.5	29.2	56.9	7.3	Low saturates
IA2095	52.4	4	9/12	2.0	33	137	3300	35.8	18.7	3.0	3.9	3.1	6.9	29.7	56.1	7.3	Low saturates
IA2075	52.0	6	9/13	2.8	41	134	3390	35.2	18.8	3.0	3.7	2.9	6.6	26.5	59.4	7.5	Low saturates
IA2100	52.9	3	9/18	2.2	36	133	3400	35.3	18.5	3.3	3.4	3.0	6.4	27.9	58.8	6.9	Low saturates
ZFS 291	50.0	9	9/18	2.2	40	151	3010	35.6	19.2	3.8	3.8	3.1	6.9	26.7	59.5	6.9	Low saturates
IA2099	58.1	1	9/19	2.1	34	155	2920	35.3	18.5	3.1	3.5	3.1	6.6	31.8	54.4	7.2	Low saturates
IA3049	54.4	2	9/21	2.7	38	164	2760	35.9	19.0	3.6	3.5	3.1	6.6	31.1	55.3	6.9	Low saturates
IA3026	52.3	5	9/21	3.0	46	125	3630	34.2	18.6	2.8	3.7	3.0	6.7	26.4	59.3	7.6	Low saturates
IA2088	40.8		9/12	2.5	33	137	3320	36.9	17.5	3.0	8.0	4.5	12.5	55.8	30.5	1.2	Mid oleic

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Two-Year Means**

Entry	Yield bu/a	Group rank	Maturity date	Lodging score	Height inches	Seed weight		Protein %	Oil %	Chlorosis score	Palmitic			Oleic %	Linoleic %	Linolenic %	Character
						mg/sd	sds/lb				Palmitic %	Stearic %	+ Stearic %				
IA2094	56.5		9/17	2.1	34	164	2760	35.0	19.0	3.8	9.6	3.8	13.5	22.4	56.6	7.5	Commodity, yellow hilum
IA2096	53.5	8	9/14	1.7	33	148	3070	35.7	18.6	3.6	11.4	4.5	15.9	23.2	59.6	1.3	1% linolenic
IA2077	54.6	5	9/17	1.7	31	164	2760	35.7	17.7	3.6	10.0	4.5	14.4	25.9	58.5	1.2	1% linolenic
IA2079	54.1	7	9/17	1.8	32	162	2790	35.8	18.3	2.9	10.4	4.9	15.2	25.3	58.2	1.2	1% linolenic
<b>#IA2101</b>	57.0	2	9/18	2.0	35	180	2520	35.1	17.9	3.1	9.9	4.8	14.7	27.3	56.6	1.4	1% linolenic
IA3042	56.5	3	9/19	1.7	31	150	3020	35.4	18.4	3.7	10.6	4.9	15.6	23.5	59.7	1.3	1% linolenic
<b>#A08-252040</b>	55.8	4	9/19	2.4	36	151	3010	35.1	18.8	3.6	10.9	4.6	15.4	23.4	59.9	1.3	1% linolenic, SCN resistant
IA2097	53.4	9	9/19	2.2	36	153	2970	35.1	18.1	3.6	9.8	4.8	14.6	24.4	59.7	1.3	1% linolenic
IA3028	53.4	9	9/20	2.5	35	158	2870	35.1	18.3	3.1	10.1	4.7	14.8	23.3	60.5	1.4	1% linolenic, SCN resistant
<b>#IA3050</b>	57.3	1	9/21	1.6	33	176	2580	35.6	18.2	2.9	10.3	4.7	15.0	27.1	56.0	1.9	1% linolenic
IA3024	54.5	6	9/21	2.1	35	167	2720	33.6	18.8	3.1	10.0	4.6	14.6	27.4	56.7	1.2	1% linolenic
IA1024	55.1	4	9/11	2.3	30	182	2490	36.0	18.5	3.2	3.8	3.0	6.8	26.8	59.0	7.4	Low saturates
IA1025	54.8	6	9/12	2.0	32	180	2520	36.0	18.0	3.6	3.8	3.1	6.9	28.4	56.8	7.9	Low saturates
IA2069	49.1	11	9/13	1.3	28	183	2480	35.7	18.8	2.9	3.8	3.1	6.9	25.6	59.4	8.1	Low saturates
IA2095	54.6	7	9/14	1.8	30	155	2920	35.4	18.2	3.4	4.0	3.2	7.2	26.6	58.1	8.1	Low saturates
IA2092	50.7	10	9/14	1.5	30	167	2710	34.8	18.9	3.4	3.8	3.1	6.9	31.3	54.9	6.9	Low saturates
IA2075	54.9	5	9/15	2.4	39	148	3070	34.4	18.3	3.1	4.0	3.1	7.1	23.9	60.9	8.1	Low saturates
IA2100	56.6	3	9/18	2.0	32	156	2910	34.4	18.6	3.5	3.7	3.3	6.9	26.3	59.5	7.2	Low saturates
IA2099	58.1	1	9/19	1.9	31	175	2590	34.9	18.0	3.3	3.7	3.4	7.1	27.9	56.9	8.0	Low saturates
ZFS 291	53.0	9	9/19	2.0	36	172	2630	35.2	18.8	3.6	3.8	3.4	7.2	25.4	60.0	7.4	Low saturates
IA3049	57.1	2	9/21	2.4	35	193	2360	35.9	18.4	3.8	3.7	3.5	7.2	28.4	57.0	7.5	Low saturates
IA3026	54.0	8	9/21	2.5	43	139	3270	33.9	17.8	3.2	3.9	3.5	7.3	25.3	59.5	7.9	Low saturates
IA2088	42.3		9/14	2.2	32	154	2940	36.6	17.1	3.0	8.3	4.7	13.0	51.5	34.3	1.3	Mid oleic

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											Palmitic %	Stearic %	+ Stearic %	Oleic %			
IA2094	55.1		9/17	2.1	34	156	2900	35.2	19.0	3.6	9.6	3.8	13.5	22.7	56.5	7.3	Commodity, yellow hilum
IA2096	52.3	6	9/14	1.7	33	143	3160	35.9	18.5	3.5	11.3	4.5	15.8	23.8	59.0	1.3	1% linolenic
IA2079	53.1	5	9/18	1.9	32	156	2920	36.0	18.2	3.0	10.4	4.8	15.2	25.8	57.8	1.2	1% linolenic
IA2077	51.8	9	9/18	1.6	31	156	2900	35.8	17.7	3.6	10.0	4.4	14.4	26.4	57.9	1.3	1% linolenic
<b>#IA2101</b>	56.2	2	9/19	2.0	35	172	2640	35.2	17.9	3.2	9.9	4.7	14.6	28.1	55.9	1.4	1% linolenic
IA3042	55.1	3	9/20	1.7	32	144	3150	35.6	18.2	3.6	10.8	4.8	15.6	23.6	59.6	1.3	1% linolenic
IA2097	52.3	6	9/20	2.1	35	145	3120	35.2	18.2	3.7	9.9	4.7	14.6	24.7	59.4	1.3	1% linolenic
IA3028	52.0	8	9/20	2.6	35	152	2990	35.3	18.2	3.2	10.2	4.7	14.8	23.5	60.3	1.4	1% linolenic, SCN resistant
<b>#IA3050</b>	56.5	1	9/22	1.6	33	167	2710	35.6	18.3	3.1	10.4	4.6	15.1	27.2	55.9	1.9	1% linolenic
IA3024	53.2	4	9/22	2.0	35	159	2860	33.8	18.8	3.2	10.1	4.5	14.6	27.7	56.4	1.2	1% linolenic
IA1024	51.9	7	9/11	2.2	31	172	2640	36.1	18.6	3.4	3.8	3.0	6.8	27.2	58.8	7.2	Low saturates
IA2069	46.5	10	9/13	1.4	28	172	2640	35.7	18.8	3.1	3.8	3.1	6.9	26.3	58.9	7.9	Low saturates
IA2095	53.2	4	9/14	1.7	30	148	3060	35.4	18.3	3.5	3.9	3.2	7.1	27.6	57.4	8.0	Low saturates
IA2092	49.5	9	9/14	1.5	30	161	2820	35.0	19.0	3.4	3.8	3.0	6.8	32.1	54.2	6.8	Low saturates
IA2075	52.7	6	9/15	2.4	38	141	3210	34.6	18.4	3.1	3.9	3.1	6.9	24.6	60.4	8.1	Low saturates
IA2099	57.3	1	9/19	1.9	31	166	2730	34.9	18.2	3.3	3.7	3.3	7.1	28.6	56.4	7.9	Low saturates
IA2100	54.7	3	9/19	2.0	32	149	3040	34.5	18.6	3.5	3.7	3.2	6.9	26.4	59.4	7.3	Low saturates
ZFS 291	51.7	8	9/20	2.0	36	163	2780	35.2	18.9	3.7	3.9	3.3	7.2	26.0	59.4	7.3	Low saturates
IA3049	55.2	2	9/21	2.4	35	182	2490	35.7	18.6	3.9	3.6	3.4	7.0	29.0	56.5	7.5	Low saturates
IA3026	52.8	5	9/21	2.5	42	134	3400	33.9	18.1	3.2	3.8	3.3	7.1	25.8	59.1	8.0	Low saturates
IA2088	41.4		9/14	2.2	31	147	3080	36.4	17.3	3.1	8.2	4.7	13.0	51.9	33.8	1.3	Mid oleic

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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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**2010 Modified Oil Soybean Test South, Iowa State University  
Ames, Carlisle, Chariton, and Lewis, 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	Oleic %	Linoleic %	Linolenic %	Character
													+ Stearic %				
IA3023	61.8		9/23	2.3	36	146	3100	34.1	19.3	3.0	10.3	3.7	14.0	23.4	55.9	6.7	Commodity check
IA3048	56.7		9/22	2.6	35	130	3480	35.8	18.0	3.0	10.2	3.5	13.7	23.8	55.5	6.9	SCN resistant, yellow hilum
<b>#A07-626002</b>	59.9	1	9/15	2.3	34	141	3220	36.2	18.6	3.4	10.2	3.7	13.9	23.4	55.7	7.0	Commodity, yellow hilum
IA4004	56.6	2	9/27	3.0	39	153	2960	35.9	17.7	3.4	10.7	3.9	14.6	24.7	53.5	7.3	Commodity, yellow hilum
IA2077	51.1	13	9/11	1.9	33	152	2990	36.4	18.4	3.4	10.4	4.1	14.4	27.5	56.9	1.2	1% linolenic
<b>#IA2101</b>	56.9	7	9/13	2.1	37	165	2750	36.3	18.0	3.0	10.1	4.2	14.3	28.9	55.5	1.3	1% linolenic
IA2097	55.7	9	9/13	2.5	35	143	3160	36.2	18.4	3.6	9.8	4.2	14.1	26.4	58.2	1.2	1% linolenic
IA2078	50.9	14	9/13	2.0	35	145	3120	37.1	18.5	3.6	11.2	4.5	15.6	25.6	57.6	1.2	1% linolenic
IA3042	54.6	10	9/14	2.1	33	141	3210	37.2	17.9	3.6	11.0	4.4	15.4	22.8	60.5	1.3	1% linolenic
IA3028	52.4	12	9/15	2.7	36	144	3150	36.7	17.6	3.0	10.4	4.3	14.7	23.8	60.2	1.4	1% linolenic, SCN resistant
<b>#A08-252040</b>	49.1	15	9/15	2.5	36	136	3330	36.5	18.3	3.3	11.1	4.2	15.3	23.2	60.2	1.3	1% linolenic, SCN resistant
<b>#IA3050</b>	59.3	4	9/16	1.6	33	154	2950	36.8	18.3	3.0	10.7	4.3	15.0	28.5	55.1	1.3	1% linolenic
IA3025	54.6	10	9/16	2.0	38	160	2830	36.4	18.4	3.0	10.1	4.4	14.6	29.5	54.6	1.2	1% linolenic
IA3024	61.8	1	9/17	2.4	37	152	2980	34.8	19.3	3.0	10.0	4.1	14.1	28.4	56.1	1.3	1% linolenic
IA3044	59.3	4	9/23	1.8	37	159	2850	36.1	18.6	3.1	10.1	4.4	14.5	26.1	58.1	1.3	1% linolenic
IA3041	56.3	8	9/23	2.4	37	150	3030	35.7	17.5	3.8	11.0	4.0	15.0	26.8	56.7	1.4	1% linolenic
<b>#A08-351023</b>	59.9	3	9/26	1.7	35	148	3060	36.4	18.0	3.4	9.7	4.3	14.0	25.0	59.5	1.3	1% linolenic
IA3043	57.3	6	9/28	2.4	42	151	3000	36.7	18.3	2.9	10.2	4.6	14.8	24.3	59.6	1.3	1% linolenic
IA4005	61.4	2	9/30	1.7	38	142	3200	35.4	18.3	3.1	10.1	4.6	14.6	24.8	59.2	1.3	1% linolenic
IA3018	59.8		9/22	2.9	38	149	3050	34.9	19.3	2.9	10.2	3.9	14.1	23.4	59.8	2.7	2.5% linolenic
IA2100	56.3	2	9/14	2.2	34	139	3270	35.2	18.9	3.3	3.5	2.8	6.3	27.2	59.5	7.0	Low saturates
IA3049	57.6	1	9/15	2.8	36	169	2680	35.8	19.3	3.6	3.5	2.9	6.4	31.4	55.4	6.7	Low saturates
ZFS 291	52.6	4	9/15	2.2	36	153	2960	35.6	19.4	3.8	4.0	3.0	7.0	27.4	59.0	6.6	Low saturates
IA3026	55.5	3	9/19	3.0	40	128	3560	34.8	18.4	2.8	4.2	3.0	7.1	25.5	59.9	7.5	Low saturates
IA3039	52.4	1	9/19	2.2	35	137	3310	37.4	17.5	3.0	8.4	4.5	12.9	54.0	31.9	1.1	Mid oleic
IA3036	51.7	2	9/20	2.2	38	139	3270	36.5	17.3	3.1	8.1	4.3	12.4	56.8	29.6	1.2	Mid oleic

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Maturity: Month/Day

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**2009 - 2010 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 mg/sd	sds/lb	Protein %	Oil %	Chlorosis score	Palmitic %	Stearic %	Palmitic		Linoleic %	Linolenic %	Character
													+ Stearic %	Oleic %			
IA3023	64.2		9/24	2.2	33	166	2730	33.5	19.4	3.2	10.2	3.8	14.0	23.0	56.0	7.0	Commodity check
IA4004	61.3		9/26	2.7	36	170	2670	35.4	18.0	3.6	10.6	4.2	14.8	24.2	53.7	7.4	Commodity, yellow hilum
IA2077	54.7	14	9/14	1.8	30	168	2700	35.8	18.2	3.6	10.2	4.2	14.5	25.3	59.1	1.2	1% linolenic
<b>#IA2101</b>	59.0	9	9/16	2.0	34	183	2470	35.5	18.0	3.1	10.2	4.4	14.6	26.2	57.8	1.3	1% linolenic
IA3042	57.8	11	9/16	1.9	30	157	2900	35.9	18.4	3.7	10.9	4.6	15.4	22.2	61.1	1.3	1% linolenic
IA2078	55.3	13	9/16	1.9	32	162	2790	36.1	18.6	3.5	11.2	4.6	15.8	23.9	59.1	1.2	1% linolenic
IA2097	58.7	10	9/17	2.3	33	162	2800	35.5	18.3	3.6	9.9	4.4	14.3	24.2	60.2	1.2	1% linolenic
<b>#IA3050</b>	60.9	7	9/18	1.7	31	181	2510	35.9	18.6	2.9	10.7	4.5	15.1	26.7	56.4	1.7	1% linolenic
IA3028	56.6	12	9/18	2.5	33	165	2760	36.1	18.0	3.1	10.4	4.5	14.9	22.6	61.2	1.3	1% linolenic, SCN resistant
IA3025	59.1	8	9/19	1.9	35	179	2530	35.5	18.6	3.1	10.2	4.5	14.7	27.2	56.8	1.2	1% linolenic
IA3024	62.5	4	9/20	2.2	34	172	2640	34.0	19.2	3.1	10.2	4.3	14.5	26.6	57.7	1.2	1% linolenic
IA3044	62.9	3	9/23	1.8	33	182	2490	34.9	19.0	3.2	10.0	4.5	14.6	25.0	59.2	1.2	1% linolenic
IA3041	61.6	6	9/25	2.3	35	168	2700	35.2	17.7	3.8	10.8	4.3	15.1	25.6	57.9	1.4	1% linolenic
<b>#A08-351023</b>	64.5	2	9/26	1.7	32	165	2750	35.6	18.3	3.6	9.5	4.5	13.9	24.7	59.9	1.3	1% linolenic
IA3043	62.4	5	9/27	2.3	39	168	2700	35.9	18.6	3.1	10.0	4.7	14.7	23.7	60.4	1.2	1% linolenic
IA4005	67.2	1	9/30	1.7	33	159	2850	34.8	18.6	3.3	10.0	4.7	14.7	24.3	59.8	1.3	1% linolenic
IA3018	62.8		9/25	2.7	36	164	2760	34.0	19.5	3.3	9.9	4.1	14.0	23.6	59.9	2.6	2.5% linolenic
IA2100	58.2	2	9/16	2.1	31	161	2820	34.5	18.9	3.5	3.7	3.0	6.7	26.0	60.0	7.3	Low saturates
IA3049	59.2	1	9/18	2.5	33	197	2310	35.7	19.0	3.8	3.7	3.1	6.8	28.8	57.1	7.2	Low saturates
ZFS 291	55.5	4	9/18	2.1	34	174	2610	35.2	19.2	3.6	4.0	3.2	7.2	26.0	59.7	7.0	Low saturates
IA3026	57.1	3	9/20	2.7	38	141	3210	34.1	18.1	3.2	4.2	3.3	7.4	24.7	60.1	7.8	Low saturates
IA3039	52.8	2	9/20	2.1	32	154	2940	36.9	17.2	3.3	8.6	4.7	13.3	52.0	33.5	1.2	Mid oleic
IA3036	53.6	1	9/22	2.3	35	154	2940	35.9	17.2	3.2	8.2	4.5	12.7	54.5	31.6	1.2	Mid oleic

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**2008 - 2010 Modified Oil Soybean Test South, Iowa State University  
Three-Year Means**

Entry	Yield bu/a	Group rank	Maturity date	Lodging score	Height inches	Seed weight		Protein %	Oil %	Chlorosis score	Palmitic %	Stearic %	Palmitic	Oleic %	Linoleic %	Linolenic %	Character
						+ Stearic %											
IA3023	59.6		9/25	2.3	33	156	2910	33.4	19.4	3.2	10.3	3.8	14.1	22.9	56.0	7.0	Commodity check
IA2077	51.7	10	9/15	1.9	30	159	2860	35.8	18.1	3.6	10.3	4.3	14.6	25.7	58.5	1.2	1% linolenic
IA2078	52.4	9	9/16	2.0	33	153	2960	36.2	18.5	3.6	11.2	4.6	15.8	24.0	59.0	1.2	1% linolenic
IA2097	55.1	7	9/18	2.4	33	152	2980	35.4	18.4	3.7	10.0	4.4	14.4	24.5	59.7	1.2	1% linolenic
IA3028	52.8	8	9/19	2.7	33	156	2900	35.9	18.0	3.2	10.4	4.5	15.0	23.0	60.7	1.3	1% linolenic, SCN resistant
IA3024	60.1	2	9/20	2.3	34	163	2770	33.9	19.2	3.2	10.3	4.3	14.6	26.8	57.3	1.3	1% linolenic
IA3025	56.1	6	9/20	2.0	35	170	2670	35.6	18.5	3.1	10.2	4.6	14.8	27.5	56.3	1.2	1% linolenic
IA3044	60.0	3	9/24	1.8	33	173	2620	34.9	19.0	3.3	10.1	4.6	14.7	25.1	59.0	1.2	1% linolenic
IA3041	57.8	5	9/26	2.4	35	163	2790	35.0	17.7	3.8	10.9	4.3	15.2	25.6	57.8	1.4	1% linolenic
IA3043	59.0	4	9/29	2.4	39	161	2810	35.6	18.7	3.0	10.2	4.6	14.8	23.6	60.4	1.2	1% linolenic
IA4005	62.7	1	10/1	1.8	34	152	2980	34.5	18.7	3.3	10.1	4.7	14.7	24.4	59.6	1.3	1% linolenic
IA3018	58.7		9/25	2.8	36	158	2870	33.8	19.5	3.2	10.1	4.0	14.1	23.4	59.8	2.6	2.5% linolenic
IA3049	56.1	1	9/19	2.6	33	185	2450	35.4	19.1	3.9	3.7	3.2	6.9	29.1	56.8	7.3	Low saturates
ZFS 291	53.3	3	9/19	2.1	34	164	2760	35.1	19.3	3.7	4.1	3.2	7.3	25.9	59.7	7.1	Low saturates
IA3026	53.8	2	9/20	2.7	38	135	3360	34.2	18.3	3.2	4.2	3.2	7.4	25.3	59.6	7.8	Low saturates
IA3039	50.3	2	9/21	2.2	33	146	3120	36.8	17.3	3.2	8.6	4.8	13.4	51.8	33.6	1.2	Mid oleic
IA3036	51.0	1	9/23	2.3	36	146	3110	35.7	17.4	3.2	8.3	4.5	12.8	53.9	32.1	1.2	Mid oleic

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