

**2011 Elite Soybean Test North, Iowa State University
Ames, Charles City, Eldora, and Kanawha, Iowa**

Entry	Yield bu/a	Group rank	Maturity date	Lodging score	Height inches	Seed weight mg/sd	sds/lb	Protein %	Oil %	Chlorosis score	Palmitic +					Character	
											Stearic %	Stearic %	Oleic %	Linoleic %	Linolenic %		
IA2094	61.8	2	9/25	2.1	39	150	3030	33.7	19.0	3.4	9.5	4.0	13.4	22.2	56.8	7.6	Commodity, yellow hilum
†IA2102	69.4	1	9/26	2.6	40	144	3140	34.3	18.5	2.6	10.5	4.6	15.1	21.4	55.0	8.5	Commodity, yellow hilum
#A07-427027	61.7	3	9/26	1.8	38	154	2940	33.5	18.3	2.8	10.4	4.4	14.8	22.2	54.9	8.1	Commodity, yellow hilum
IA1008	58.2	2	9/15	1.9	42	161	2820	33.5	19.0	2.9	10.6	4.2	14.7	23.5	54.4	7.4	SCN resistant, yellow hilum
IA1022	63.9	1	9/16	1.9	34	143	3180	31.5	20.5	3.5	10.8	4.1	14.9	23.4	53.9	7.8	SCN resistant, yellow hilum
IA2096	61.0	1	9/20	1.8	38	142	3180	34.0	18.7	3.6	11.1	4.6	15.7	23.1	60.0	1.2	1% linolenic
IA2079	59.9	3	9/24	1.9	38	144	3140	34.2	18.4	2.9	10.4	4.9	15.2	24.9	58.7	1.2	1% linolenic
IA2101	60.0	2	9/29	1.9	38	156	2910	33.4	17.8	3.1	9.9	4.7	14.6	25.3	58.7	1.4	1% linolenic
IA2069	62.0	1	9/14	1.3	31	158	2880	34.1	18.9	3.4	3.8	3.1	6.9	24.9	59.8	8.4	Low saturates
IA1024	54.7	7	9/15	2.1	36	168	2690	34.0	18.9	3.5	3.9	3.0	6.9	25.8	59.6	7.7	Low saturates
IA1025	61.1	2	9/16	2.0	39	159	2860	34.0	18.0	3.1	3.8	3.3	7.1	26.7	57.7	8.6	Low saturates
IA2092	59.9	4	9/16	1.5	34	155	2920	33.6	18.9	4.2	3.8	3.4	7.2	29.9	55.6	7.4	Low saturates
IA2095	57.0	6	9/21	1.9	36	151	3010	33.7	18.1	4.3	4.0	3.3	7.3	26.2	58.4	8.1	Low saturates
IA2099	60.8	3	9/27	2.0	37	135	3350	32.9	18.3	3.3	3.8	3.5	7.3	25.2	59.0	8.5	Low saturates
IA2100	57.3	5	9/29	2.2	37	161	2830	33.2	18.4	2.9	3.7	3.3	7.0	24.4	60.7	7.9	Low saturates
IA1010	56.3	2	9/13	1.7	35	246	1840	34.9	18.8	3.1							Large seed
IA2076	60.3	1	9/15	2.1	35	234	1940	34.7	19.0	3.4							Large seed
IA2067	50.4	6	9/14	1.9	40	175	2600	37.3	18.3	2.5							Large seed & high protein
IA1018	53.6	5	9/15	1.9	38	231	1970	36.9	18.2	3.0							Large seed & high protein
†IA2104	56.3	2	9/19	1.8	34	201	2260	36.1	18.4	3.5							Large seed & high protein
IA2046	54.9	3	9/21	2.0	35	200	2270	36.2	18.3	3.5							Large seed & high protein
†IA2103	58.8	1	9/22	1.9	36	208	2180	36.2	18.1	3.0							Large seed & high protein
IA2053	54.4	4	9/25	2.2	40	195	2330	37.3	17.8	3.6							Large seed & high protein
IA2011	53.0		9/13	2.0	37	181	2500	34.9	19.3	2.9							Lacks lipoxygenase-2
IA1010LF	56.5	2	9/13	1.7	36	167	2720	35.2	18.8	2.8							Lipoxygenase free
IA1008LF	58.1	1	9/16	1.8	42	244	1860	34.4	19.1	3.6							Lipoxygenase free, SCN resistant, yellow hilum
IA2053LF	53.9	3	9/23	2.1	38	195	2320	37.0	17.9	2.8							Lipoxygenase free

†New variety released in November 2011. Foundation seed will be produced in 2012 by the Committee for Agricultural Development. Contact Lynn Henn. Phone: 515-292-3497; E-mail: lhenn@iastate.edu

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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

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

Phone: 515-294-6865; E-mail: wfehr@iastate.edu

For information on licensing soybean varieties developed by Iowa State University, contact Julie Minot, Iowa State University Research Foundation, Inc., 310 Lab of Mechanics, Iowa State University, Ames, IA 50011-2131.

Phone: 515-294-9442; Fax: 515-294-0778; E-mail: jigus@iastate.edu Website: <http://www.public.iastate.edu/~isurl/>

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**2011 Elite Soybean Test Central, Iowa State University
Ames, Carlisle, Eldora, and Rippey, Iowa**

Entry	Yield bu/a	Group rank	Maturity date	Lodging score	Height inches	Seed weight mg/sd	Protein sds/lb	Oil %	Chlorosis score	Palmitic +					Character		
										Stearic %	Stearic %	Oleic %	Linoleic %	Linolenic %			
IA2094	62.4	3	9/23	2.1	37	144	3150	33.6	19.4	3.4	9.8	3.9	13.7	22.3	56.8	7.1	Commodity, yellow hilum
#A07-427027	68.2	2	9/26	1.7	38	155	2940	33.6	18.6	2.8	10.6	4.1	14.8	21.8	55.4	8.1	Commodity, yellow hilum
†IA2102	70.2	1	9/28	2.6	40	141	3230	34.3	18.8	2.6	10.8	4.3	15.1	19.9	56.1	8.9	Commodity, yellow hilum
#A07-626002	60.1	4	10/1	2.2	37	161	2810	33.0	19.0	3.9	9.8	4.0	13.8	21.8	56.1	8.3	Commodity, yellow hilum
IA1008	58.5	2	9/16	2.3	40	160	2840	33.6	19.3	2.9	10.8	4.2	15.0	22.8	54.6	7.7	SCN resistant, yellow hilum
IA1022	62.0	1	9/18	1.9	33	145	3130	31.5	21.0	3.5	11.1	4.0	15.1	23.1	53.9	7.9	SCN resistant, yellow hilum
IA2079	59.9	5	9/22	1.8	36	162	2790	34.1	18.9	2.9	10.5	4.8	15.2	24.8	58.7	1.2	1% linolenic
IA2097	59.8	6	9/27	2.0	38	155	2930	34.2	18.7	3.4	10.0	4.8	14.7	23.8	60.3	1.2	1% linolenic
IA3042	60.3	4	9/28	1.9	36	142	3190	34.7	18.5	4.0	10.8	5.0	15.7	22.8	60.1	1.3	1% linolenic
IA2101	63.2	2	9/29	1.9	38	157	2880	33.5	18.3	3.1	10.0	4.5	14.5	24.8	59.3	1.4	1% linolenic
IA3050	64.7	1	9/30	1.6	36	149	3040	34.6	18.3	3.1	10.6	4.7	15.2	25.1	58.3	1.3	1% linolenic
IA3024	61.2	3	9/30	2.0	38	142	3200	32.5	19.2	2.9	10.2	4.5	14.7	25.7	58.3	1.3	1% linolenic
#A08-252040	59.3	7	9/30	2.5	40	157	2890	34.0	19.0	4.1	10.9	4.4	15.3	22.8	60.4	1.4	1% linolenic, SCN resistant
IA1025	62.0	1	9/17	2.0	37	169	2680	34.2	18.5	3.1	3.8	3.2	7.0	28.7	56.1	8.2	Low saturates
IA2099	61.5	3	9/28	2.0	35	137	3310	32.8	19.0	3.4	3.8	3.4	7.1	26.0	58.6	8.2	Low saturates
IA2100	62.0	1	9/29	2.1	37	131	3470	33.1	19.0	2.9	3.6	3.2	6.8	24.3	61.0	7.9	Low saturates
ZFS 291	56.8	6	9/29	1.8	40	172	2630	33.5	19.3	3.3	3.7	3.3	7.1	24.3	60.7	7.9	Low saturates
IA3049	60.2	4	10/1	2.2	38	156	2910	34.2	18.5	3.9	3.6	3.4	7.0	25.8	59.1	8.2	Low saturates
IA3026	57.6	5	10/1	2.5	44	152	2990	32.9	18.0	3.4	3.9	3.3	7.2	23.9	60.6	8.2	Low saturates
IA1010	50.8	4	9/13	1.6	34	258	1760	34.9	19.4	3.1							Large seed
IA2076	57.3	1	9/16	1.8	33	260	1740	34.6	19.4	3.4							Large seed
IA2040	52.6	3	9/20	2.0	35	244	1860	36.2	18.9	3.6							Large seed
*A08-255025	56.7	2	9/25	2.2	35	271	1670	35.0	19.4	2.5							Large seed
IA1018	58.0	5	9/16	2.0	35	177	2560	36.5	18.7	3.0							Large seed & high protein
IA2041	53.6	14	9/18	2.0	38	177	2570	37.4	18.6	3.1							Large seed & high protein
IA2067	50.5	15	9/18	1.9	36	241	1880	37.2	18.8	2.5							Large seed & high protein
IA2046	56.6	11	9/19	1.8	35	209	2170	36.6	18.3	3.5							Large seed & high protein
IA2074	53.9	13	9/20	1.8	34	201	2250	37.7	18.0	3.1							Large seed & high protein
†IA2104	57.1	7	9/21	1.7	33	212	2140	36.7	18.5	3.5							Large seed & high protein
†IA2103	56.9	9	9/23	1.8	34	212	2140	36.5	18.3	3.0							Large seed & high protein
IA3021	54.2	12	9/23	1.9	37	209	2170	36.8	18.8	3.0							Large seed & high protein
IA3046	57.8	6	9/24	2.1	35	201	2260	37.0	18.0	2.7							Large seed & high protein
IA2053	56.8	10	9/24	2.2	38	211	2150	37.5	18.1	3.6							Large seed & high protein
†IA3051	63.2	1	9/25	2.1	37	203	2240	37.9	17.7	3.1							Large seed & high protein
IA3027	61.3	2	9/25	2.0	35	208	2180	37.3	17.7	2.5							Large seed & high protein
IA3047	59.1	4	9/25	2.4	38	208	2190	36.7	18.1	3.0							Large seed & high protein
IA3027RA1	59.6	3	9/30	2.0	38	210	2160	36.9	17.7	2.5							Large seed & high protein
IA3045	57.1	7	10/1	2.4	40	197	2300	38.1	17.3	2.4							Large seed & high protein
IA1010LF	53.2	4	9/13	1.6	33	166	2730	35.7	19.2	2.8							Lipoxygenase free
IA1008LF	58.6	1	9/15	1.9	40	255	1780	34.0	19.4	3.6							Lipoxygenase free, SCN resistant, yellow hilum
IA2053LF	56.8	3	9/20	2.3	37	203	2240	36.9	18.4	2.8							Lipoxygenase free
IA3027LF	58.2	2	9/27	2.1	36	207	2190	36.5	18.0	2.8							Lipoxygenase free

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**2011 Elite Soybean Test South, Iowa State University
Ames, Agency, Carlisle, and Greenfield, Iowa**

Entry	Yield	Group	Maturity	Lodging	Height	Seed weight	Protein	Oil	Chlorosis	Palmitic +					Linolenic	Character		
										Stearic	Oleic	Linoleic	Linolenic	Character				
	bu/a	rank	date	score	inches	mg/sd	sds/lb	%	%	score	%	%	%	%	%			
IA3023	66.5		10/5	1.9	36	156	2920	32.4	19.8	3.3	10.2	4.1	14.3	24.7	54.1	6.9	Commodity check	
†IA2102	66.5	2	9/27	2.6	34	161	2820	34.7	19.3	2.6	10.6	4.5	15.1	22.2	54.3	8.4	Commodity, yellow hilum	
#A07-626002	68.3	1	10/1	2.0	34	148	3060	33.9	19.0	3.9	10.0	3.9	14.0	23.4	54.8	7.8	Commodity, yellow hilum	
IA4004	59.5	3	10/5	3.1	37	163	2790	34.8	18.2	3.0	10.7	4.2	14.9	23.6	53.9	7.6	Commodity, yellow hilum	
IA3048	61.6		10/2	2.3	35	139	3270	34.1	18.8	3.5	10.2	3.7	13.9	24.3	54.3	7.5	SCN resistant, yellow hilum	
IA3042	60.6	8	9/25	1.6	31	150	3020	35.2	18.9	4.0	10.9	5.0	15.9	24.5	58.2	1.4	1% linolenic	
IA2097	59.4	10	9/25	1.8	35	167	2710	34.6	18.9	3.4	10.0	4.6	14.7	25.0	59.1	1.2	1% linolenic	
IA2101	64.0	4	9/28	1.8	34	160	2840	34.3	18.6	3.1	10.1	4.5	14.6	26.2	57.8	1.3	1% linolenic	
#A08-252040	57.9	11	9/29	2.7	35	166	2730	34.3	19.3	4.1	11.1	4.5	15.5	23.6	59.6	1.3	1% linolenic, SCN resistant	
IA3050	65.8	2	10/1	1.8	32	150	3030	35.3	18.6	3.1	10.6	4.6	15.2	28.1	55.4	1.3	1% linolenic	
IA3024	64.7	3	10/1	1.8	35	151	2990	33.0	19.4	2.9	10.6	4.4	14.9	27.2	56.6	1.2	1% linolenic	
IA3044	61.4	7	10/3	1.7	34	169	2680	34.2	19.2	3.1	9.9	4.7	14.6	24.9	59.3	1.3	1% linolenic	
IA3041	60.0	9	10/4	1.8	37	144	3160	34.5	18.1	3.6	11.1	4.4	15.5	24.0	59.2	1.3	1% linolenic	
IA3043	62.5	5	10/5	2.1	40	143	3170	34.6	18.7	3.1	10.1	4.7	14.7	23.2	60.7	1.3	1% linolenic	
#A08-351023	62.0	6	10/7	1.7	34	157	2890	34.3	18.6	3.5	9.8	4.5	14.3	24.3	60.1	1.3	1% linolenic	
IA4005	68.3	1	10/8	1.6	34	161	2830	33.6	18.8	2.8	10.1	4.8	14.9	23.7	60.1	1.2	1% linolenic	
IA2099	66.5	1	9/27	1.8	31	166	2730	34.2	18.7	3.3	3.9	3.3	7.2	26.4	58.1	8.3	Low saturates	
IA2100	62.7	2	9/29	2.0	33	145	3120	33.8	19.2	2.9	3.6	3.2	6.8	24.6	60.7	7.9	Low saturates	
IA3026	57.1	4	9/30	2.5	40	130	3480	33.1	18.6	3.4	3.9	3.2	7.0	25.7	59.4	7.9	Low saturates	
IA3049	61.1	3	10/1	2.0	34	164	2760	34.7	18.9	3.9	3.6	3.5	7.1	29.5	56.0	7.3	Low saturates	
IA2040	55.1	3	9/19	1.6	30	248	1830	37.2	18.7	3.6							Large seed	
*A08-255025	55.4	2	9/23	2.0	32	257	1760	36.3	19.1	2.5								Large seed
*A08-358002	57.3	1	10/4	3.0	38	242	1880	34.3	19.3	4.0								Large seed
IA2074	56.4	7	9/20	1.9	30	210	2160	38.4	18.0	3.1								Large seed & high protein
†IA3051	61.2	4	9/23	1.7	34	201	2260	38.3	17.8	3.1								Large seed & high protein
IA3047	60.1	5	9/23	2.1	34	206	2200	37.7	18.1	3.0								Large seed & high protein
IA3046	56.6	6	9/25	2.0	32	199	2280	37.9	18.0	2.7								Large seed & high protein
IA3027	62.3	2	9/26	2.1	32	205	2220	37.8	17.6	2.5								Large seed & high protein
IA3027RA1	63.2	1	9/29	1.8	33	208	2180	37.6	17.6	2.5								Large seed & high protein
IA3045	61.7	3	9/30	2.2	36	207	2190	37.8	17.7	2.4								Large seed & high protein
IA3022	52.7	8	10/3	2.5	38	204	2230	38.5	17.3	2.8								Large seed & high protein
IA3027LF	61.2		9/28	2.0	32	205	2210	37.1	18.1	2.8								Lipoxygenase free

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