

Table 1. 2006 Modified Oil Soybean Test—North, Iowa State University, Ames, Charles City, Curlew, Eldora, and Kanawha, Iowa

Entry	Yield bu/a ¹	Maturity date ²	Lodging score ³	Height in.	Seed weight mg/sd sds/lb	Protein ⁴ %	Oil ⁴ %	Palmitic +						Character
								Palmitic %	Stearic %	Stearic %	Oleic %	Linoleic %	Linolenic %	
IA1021	59.9	9/13	2.4	36	169 2680	35.8	18.5	10.9	4.2	15.1	24.8	52.3	7.8	Commodity, yellow hilum
IA2068	62.6	9/19	2.6	37	137 3310	33.5	18.6	10.6	4.1	14.7	20.8	56.3	8.3	SCN resistant, yellow hilum
IA1019	52.7	9/12	2.0	34	146 3100	36.5	18.4	10.3	4.4	14.6	24.6	59.6	1.1	1% linolenic
IA2072	58.7	9/21	1.8	35	147 3090	34.8	18.2	10.5	5.0	15.5	23.6	59.7	1.2	1% linolenic
#IA2077	58.4	9/21	1.7	34	161 2820	35.9	17.6	10.3	4.7	14.9	24.2	59.6	1.2	1% linolenic
IA2064	55.5	9/21	2.2	38	144 3150	36.2	18.9	10.0	5.3	15.3	25.7	57.7	1.2	1% linolenic
#IA2078	60.0	9/22	1.9	39	153 2960	36.2	18.0	11.5	4.9	16.4	22.0	60.4	1.2	1% linolenic
IA2073	58.6	9/22	2.0	34	145 3120	34.9	18.2	10.4	4.9	15.3	23.9	59.7	1.2	1% linolenic
IA2066	60.5	9/15	1.8	34	169 2680	36.4	18.1	3.8	3.0	6.8	23.6	60.8	8.8	Low saturates
IA1020	58.8	9/16	2.1	36	134 3380	34.9	18.0	3.9	3.2	7.1	21.7	62.0	9.3	Low saturates
IA2075	61.1	9/18	2.4	41	140 3250	34.8	17.8	4.0	3.2	7.2	22.3	61.8	8.8	Low saturates
IA2071	56.6	9/18	2.3	40	195 2330	35.0	18.7	3.9	3.1	7.0	27.0	58.0	8.1	Low saturates
IA2069	56.0	9/18	1.7	30	176 2570	36.0	18.3	3.9	3.3	7.2	22.6	60.9	9.3	Low saturates
IA2070	55.1	9/18	2.6	41	158 2870	36.9	17.8	3.8	3.4	7.2	24.3	60.0	8.6	Low saturates
#IA2092	62.5	9/21	1.8	35	164 2760	34.6	18.6	3.8	3.0	6.7	26.6	58.1	8.5	Low saturates

¹Yield: Bushels/acre at 13% moisture²Maturity: Month/Day³Lodging: 1=erect, 5=prostrate⁴Protein and oil: 13%-moisture basis

Available for licensing from the Iowa State University Research Foundation for commercial planting in 2007. The experimental line designation of IA2077 was A05-114010; IA2078 was A05-114019; and IA2092 was A04-641024.