

2003 Specialty Soybean Test South, Iowa State University

Two-Year Means

| Entry | Trait | Yield bu/a | Group rank | Maturity date | Lodging score | Height inches | Seed weight | | Protein % | Oil % | Chlorosis score |
|-------------|---------|---------------|---------------|------------------|------------------|------------------|-------------|--------|--------------|----------|--------------------|
| | | | | | | | mg/sd | sds/lb | | | |
| IA2021 | CC | 45.3 | 2 | 9/9 | 1.8 | 30 | 146 | 3110 | 34.3 | 20.1 | 3.2 |
| Macon | CC | 46.9 | 1 | 9/27 | 2.0 | 36 | 161 | 2820 | 36.0 | 19.0 | 3.4 |
| IA2061 | CC, YH | 48.5 | | 9/13 | 2.3 | 35 | 158 | 2870 | 35.7 | 19.8 | 2.3 |
| +A00-711013 | SCN, YH | 48.6 | | 9/11 | 2.0 | 31 | 118 | 3840 | 34.8 | 19.0 | 3.0 |
| IA2062 | LS | 42.0 | 3 | 9/12 | 2.0 | 32 | 233 | 1940 | 37.6 | 18.6 | 2.8 |
| IA2037 | LS | 39.8 | 6 | 9/12 | 1.8 | 30 | 223 | 2040 | 38.4 | 18.0 | 2.5 |
| IA2040 | LS | 44.6 | 1 | 9/14 | 1.8 | 34 | 249 | 1820 | 37.9 | 18.6 | 2.7 |
| IA2063 | LS | 44.2 | 2 | 9/15 | 2.0 | 32 | 231 | 1960 | 37.8 | 18.4 | 2.9 |
| IA3009 | LS | 41.7 | 4 | 9/19 | 1.8 | 30 | 243 | 1870 | 38.3 | 18.5 | 3.1 |
| IA3015 | LS | 40.9 | 5 | 9/20 | 2.4 | 33 | 229 | 1980 | 37.5 | 18.6 | 3.1 |
| +A00-913017 | LS | 38.0 | 7 | 9/20 | 2.1 | 33 | 238 | 1910 | 37.6 | 18.5 | 3.4 |
| IA2067 | LS, HP | 41.5 | 7 | 9/11 | 1.9 | 35 | 192 | 2370 | 39.3 | 17.8 | 2.3 |
| IA2048 | LS, HP | 41.0 | 8 | 9/11 | 1.7 | 30 | 220 | 2060 | 38.6 | 18.4 | 3.3 |
| IA2041 | LS, HP | 40.3 | 11 | 9/11 | 1.7 | 32 | 189 | 2410 | 39.3 | 18.0 | 3.3 |
| IA2049 | LS, HP | 40.5 | 10 | 9/12 | 1.7 | 31 | 213 | 2130 | 38.9 | 18.0 | 2.5 |
| IA2047 | LS, HP | 39.1 | 13 | 9/12 | 1.7 | 32 | 202 | 2250 | 39.3 | 18.1 | 3.3 |
| IA2020 | LS, HP | 38.4 | 14 | 9/12 | 2.2 | 31 | 196 | 2320 | 40.2 | 17.6 | 3.3 |
| IA2034 | LS, HP | 44.5 | 4 | 9/13 | 2.0 | 35 | 192 | 2360 | 39.3 | 17.8 | 2.6 |
| IA3006 | LS, HP | 40.6 | 9 | 9/13 | 1.9 | 31 | 210 | 2160 | 38.7 | 18.1 | 3.4 |
| IA2054 | LS, HP | 44.6 | 3 | 9/14 | 2.1 | 36 | 189 | 2400 | 39.0 | 17.9 | 2.1 |
| IA3021 | LS, HP | 42.9 | 5 | 9/16 | 1.5 | 32 | 194 | 2340 | 39.1 | 18.3 | 2.3 |
| IA3011 | LS, HP | 39.2 | 12 | 9/16 | 1.8 | 31 | 200 | 2260 | 39.4 | 17.8 | 2.8 |
| IA3001 | LS, HP | 41.9 | 6 | 9/17 | 2.0 | 38 | 184 | 2460 | 39.1 | 18.3 | 2.7 |
| IA3016 | LS, HP | 45.6 | 1 | 9/21 | 2.3 | 33 | 211 | 2150 | 38.9 | 18.1 | 2.3 |
| IA3022 | LS, HP | 45.4 | 2 | 9/23 | 1.8 | 34 | 204 | 2230 | 39.3 | 17.9 | 2.7 |

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| IA2057 | SS | 37.9 | 8 | 9/13 | 2.7 | 33 | 75 | 6060 | 36.9 | 16.9 | 2.6 |
| IA2055 | SS | 41.7 | 1 | 9/14 | 2.6 | 33 | 78 | 5790 | 35.3 | 18.6 | 3.1 |
| IA2056 | SS | 40.3 | 3 | 9/14 | 2.7 | 32 | 79 | 5710 | 35.5 | 18.5 | 2.9 |
| IA2035 | SS | 39.4 | 5 | 9/14 | 2.6 | 31 | 74 | 6130 | 37.8 | 16.7 | 2.6 |
| IA2058 | SS | 39.8 | 4 | 9/15 | 2.6 | 32 | 79 | 5770 | 35.7 | 18.4 | 2.8 |
| IA2060 | SS | 40.9 | 2 | 9/16 | 2.3 | 34 | 83 | 5460 | 36.7 | 18.2 | 2.5 |
| IA3008 | SS | 39.0 | 6 | 9/19 | 3.0 | 34 | 80 | 5680 | 35.5 | 17.9 | 2.6 |
| IA3013 | SS | 38.3 | 7 | 9/23 | 2.9 | 36 | 77 | 5920 | 36.9 | 17.4 | 2.4 |
| IA4002 | SS | 36.8 | 9 | 9/26 | 2.7 | 38 | 76 | 6010 | 38.1 | 16.2 | 2.9 |
| IA2032 | LF | 38.1 | 5 | 9/12 | 2.0 | 36 | 198 | 2290 | 38.3 | 19.1 | 2.6 |
| IA3006LF | LF | 44.0 | 2 | 9/13 | 1.8 | 33 | 223 | 2030 | 38.7 | 18.4 | 2.5 |
| IA2027 | LF | 36.9 | 6 | 9/13 | 2.0 | 36 | 195 | 2320 | 38.9 | 18.7 | 2.3 |
| IA2040LF | LF | 41.1 | 3 | 9/14 | 1.6 | 31 | 230 | 1970 | 38.8 | 18.3 | 2.6 |
| IA3008LF | LF | 39.9 | 4 | 9/18 | 2.4 | 34 | 108 | 4210 | 36.3 | 18.4 | 3.0 |
| IA3012LF | LF | 46.8 | 1 | 9/20 | 2.5 | 35 | 115 | 3950 | 35.3 | 19.0 | 2.7 |
| IA3006PR | PR | 39.5 | | 9/17 | 1.8 | 31 | 214 | 2120 | 39.2 | 18.1 | 2.8 |

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|---------------|----------------------------|----------------------|-------------------|----------------------------|
| Trait | CC=Commodity Check | SCN=SCN resistant | LS=Large Seed | HP=High Protein |
| SS=Small Seed | -L2 = Lacks Lipoxigenase 2 | LF=Lipoxigenase Free | YH = Yellow Hilum | PR= Phytophthora Resistant |

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| +Available for licensing from the Iowa State University Research Foundation for commercial planting in 2004. | |
| 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 | |