

**2013 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 + | | | Oleic % | Linoleic % | Linolenic % | Character |
|----------|---------------|---------------|------------------|------------------|------------------|----------------------|--------|--------------|----------|--------------------|---------------|--------------|--------------|------------|---------------|----------------|--|
| | | | | | | | | | | | Palmitic % | Stearic % | Stearic % | | | | |
| IA1026 | 46.0 | 9 | 9/15 | 1.3 | 23 | 161 | 2820 | 36.4 | 19.3 | 3.0 | 10.1 | 4.5 | 14.6 | 24.4 | 59.3 | 1.7 | General use, SCN resistant, yellow hilum |
| IA1025 | 49.8 | 5 | 9/17 | 1.7 | 33 | 178 | 2550 | 35.9 | 18.9 | 4.0 | 3.5 | 2.9 | 6.4 | 28.5 | 57.2 | 7.8 | General use |
| IA2069 | 43.7 | 12 | 9/17 | 1.2 | 25 | 171 | 2660 | 35.1 | 19.6 | 3.5 | 3.7 | 3.1 | 6.8 | 27.9 | 57.7 | 7.6 | General use |
| IA1022 | 47.4 | 8 | 9/18 | 1.9 | 29 | 158 | 2870 | 33.5 | 21.0 | 3.3 | 10.7 | 4.2 | 14.9 | 26.2 | 51.8 | 7.1 | General use, SCN resistant, yellow hilum |
| #IA2109 | 51.7 | 3 | 9/19 | 1.8 | 32 | 170 | 2660 | 34.5 | 19.4 | 3.6 | 4.2 | 3.0 | 7.2 | 26.8 | 58.5 | 7.5 | General use |
| IA2096 | 49.9 | 4 | 9/20 | 1.7 | 31 | 148 | 3060 | 35.5 | 19.5 | 3.8 | 11.3 | 4.8 | 16.1 | 24.6 | 58.1 | 1.3 | General use |
| IA2105 | 52.5 | 2 | 9/21 | 1.8 | 30 | 156 | 2900 | 34.7 | 19.2 | 1.8 | 10.8 | 4.1 | 14.9 | 24.0 | 53.7 | 7.4 | General use, yellow hilum |
| IA1024 | 48.7 | 6 | 9/21 | 1.8 | 30 | 174 | 2610 | 35.5 | 19.2 | 3.4 | 3.6 | 3.0 | 6.7 | 28.2 | 57.9 | 7.2 | General use |
| †IA2102 | 54.9 | 1 | 9/22 | 2.1 | 31 | 160 | 2840 | 34.7 | 19.7 | 2.8 | 10.9 | 4.4 | 15.3 | 21.7 | 54.7 | 8.2 | General use, SCN resistant, yellow hilum |
| IA1008 | 44.7 | 11 | 9/22 | 1.8 | 36 | 184 | 2460 | 35.2 | 19.4 | 3.3 | 10.7 | 4.4 | 15.0 | 25.4 | 52.5 | 7.1 | General use, SCN resistant, yellow hilum |
| IA2079 | 47.6 | 7 | 9/24 | 1.6 | 29 | 160 | 2840 | 35.3 | 19.7 | 3.4 | 10.6 | 4.9 | 15.5 | 26.3 | 56.9 | 1.2 | General use |
| IA2092 | 45.3 | 10 | 9/24 | 1.5 | 30 | 163 | 2790 | 34.2 | 20.0 | 4.4 | 4.1 | 3.4 | 7.5 | 31.1 | 54.7 | 6.7 | General use |
| IA2076 | 48.4 | 1 | 9/20 | 1.9 | 30 | 258 | 1760 | 36.0 | 19.6 | 3.5 | | | | | | | Large seed |
| IA1010 | 41.7 | 2 | 9/22 | 1.6 | 27 | 265 | 1710 | 35.9 | 19.5 | 3.5 | | | | | | | Large seed |
| IA1018 | 45.9 | 5 | 9/19 | 2.1 | 31 | 189 | 2410 | 38.0 | 18.6 | 3.4 | | | | | | | Large seed & high protein |
| *IA2104 | 50.7 | 2 | 9/22 | 1.3 | 29 | 212 | 2130 | 37.5 | 18.8 | 3.1 | | | | | | | Large seed & high protein |
| IA2046 | 48.8 | 3 | 9/22 | 2.1 | 32 | 258 | 1760 | 37.1 | 18.9 | 3.8 | | | | | | | Large seed & high protein |
| IA2103 | 51.2 | 1 | 9/24 | 1.6 | 30 | 227 | 2000 | 37.7 | 18.7 | 3.0 | | | | | | | Large seed & high protein |
| IA2053 | 47.5 | 4 | 9/24 | 2.1 | 33 | 213 | 2120 | 38.3 | 18.6 | 3.1 | | | | | | | Large seed & high protein |
| IA2067 | 41.6 | 6 | 9/24 | 1.9 | 34 | 230 | 1970 | 38.5 | 18.9 | 3.4 | | | | | | | Large seed & high protein |
| IA2076LF | 42.9 | 3 | 9/19 | 1.7 | 31 | 244 | 1860 | 36.2 | 19.7 | 3.4 | | | | | | | Lipoxygenase free |
| IA2053LF | 48.1 | 1 | 9/20 | 1.9 | 34 | 213 | 2130 | 37.9 | 18.7 | 3.0 | | | | | | | Lipoxygenase free |
| IA1008LF | 45.1 | 2 | 9/20 | 1.7 | 35 | 188 | 2410 | 35.7 | 19.4 | 2.9 | | | | | | | Lipoxygenase free, SCN resistant |

#New for 2014.

†Aphid-resistant version (IA2102RA12) new for 2014.

*Aphid-resistant version (IA2104RA12), high-sucrose version (IA2104HS) and lipoxygenase-free version (IA2104LF) new for 2014.

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

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

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

**2012 - 2013 Elite 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 | Protein sds/lb | Oil % | Chlorosis % | Palmitic % | Stearic % | Palmitic + | | | Character | | |
|----------|---------------|---------------|------------------|------------------|------------------|----------------------|-------------------|----------|----------------|---------------|--------------|--------------|------------|---------------|-----------|-----|--|
| | | | | | | | | | | | | Stearic % | Oleic % | Linoleic % | | | |
| IA1026 | 48.8 | 5 | 9/9 | 1.5 | 25 | 159 | 2860 | 36.3 | 19.1 | 3.4 | 10.0 | 4.9 | 14.9 | 24.4 | 59.0 | 1.7 | General use, SCN resistant, yellow hilum |
| IA1022 | 49.9 | 4 | 9/10 | 2.1 | 30 | 156 | 2910 | 32.8 | 21.1 | 3.3 | 10.7 | 4.5 | 15.2 | 26.0 | 51.7 | 7.1 | General use, SCN resistant, yellow hilum |
| IA1025 | 48.7 | 6 | 9/11 | 1.8 | 34 | 175 | 2590 | 35.6 | 18.5 | 3.9 | 3.9 | 3.5 | 7.4 | 28.1 | 56.7 | 7.8 | General use |
| IA2069 | 43.2 | 12 | 9/11 | 1.4 | 27 | 166 | 2730 | 34.7 | 19.5 | 3.6 | 3.8 | 3.4 | 7.1 | 27.0 | 58.3 | 7.6 | General use |
| IA1008 | 46.7 | 8 | 9/12 | 2.0 | 36 | 176 | 2580 | 34.6 | 19.4 | 3.5 | 10.6 | 4.6 | 15.3 | 25.4 | 52.4 | 7.0 | General use, SCN resistant, yellow hilum |
| #IA2109 | 53.9 | 2 | 9/13 | 2.0 | 34 | 164 | 2760 | 34.1 | 19.2 | 3.7 | 4.2 | 3.3 | 7.5 | 25.7 | 59.2 | 7.6 | General use |
| IA1024 | 46.9 | 7 | 9/13 | 2.0 | 30 | 166 | 2730 | 35.0 | 19.3 | 3.5 | 3.7 | 3.4 | 7.0 | 28.1 | 57.7 | 7.2 | General use |
| IA2096 | 46.0 | 10 | 9/13 | 1.9 | 32 | 145 | 3130 | 35.0 | 19.7 | 3.9 | 11.1 | 5.3 | 16.3 | 25.1 | 57.2 | 1.4 | General use |
| †IA2102 | 55.5 | 1 | 9/15 | 2.6 | 33 | 160 | 2840 | 34.7 | 19.5 | 3.0 | 10.7 | 4.8 | 15.5 | 22.4 | 54.1 | 8.0 | General use, SCN resistant, yellow hilum |
| IA2105 | 50.3 | 3 | 9/15 | 1.7 | 31 | 154 | 2940 | 34.5 | 19.0 | 2.3 | 10.7 | 4.6 | 15.2 | 24.1 | 53.1 | 7.5 | General use, yellow hilum |
| IA2079 | 46.5 | 9 | 9/15 | 1.6 | 29 | 159 | 2850 | 35.0 | 19.7 | 3.4 | 10.5 | 5.3 | 15.8 | 26.0 | 57.0 | 1.2 | General use |
| IA2092 | 45.6 | 11 | 9/15 | 1.6 | 31 | 158 | 2870 | 34.1 | 19.7 | 4.1 | 4.0 | 3.7 | 7.7 | 31.0 | 54.7 | 6.7 | General use |
| IA2076 | 46.0 | 1 | 9/11 | 2.2 | 31 | 251 | 1810 | 35.4 | 19.4 | 3.4 | | | | | | | Large seed |
| IA1010 | 41.1 | 2 | 9/13 | 1.6 | 28 | 256 | 1770 | 35.6 | 19.2 | 3.3 | | | | | | | Large seed |
| IA1018 | 43.2 | 5 | 9/12 | 2.1 | 31 | 184 | 2470 | 37.2 | 18.7 | 3.6 | | | | | | | Large seed & high protein |
| IA2046 | 46.1 | 3 | 9/14 | 2.1 | 31 | 247 | 1840 | 36.7 | 18.8 | 3.9 | | | | | | | Large seed & high protein |
| *IA2104 | 47.8 | 2 | 9/15 | 1.6 | 30 | 211 | 2150 | 37.1 | 18.8 | 3.4 | | | | | | | Large seed & high protein |
| IA2067 | 41.1 | 6 | 9/15 | 2.0 | 35 | 223 | 2030 | 38.0 | 18.8 | 3.5 | | | | | | | Large seed & high protein |
| IA2103 | 48.4 | 1 | 9/17 | 1.7 | 32 | 228 | 1990 | 37.5 | 18.5 | 3.2 | | | | | | | Large seed & high protein |
| IA2053 | 44.8 | 4 | 9/17 | 2.1 | 32 | 213 | 2130 | 38.0 | 18.4 | 3.4 | | | | | | | Large seed & high protein |
| IA1008LF | 46.9 | 1 | 9/12 | 1.9 | 36 | 179 | 2540 | 35.1 | 19.4 | 3.5 | | | | | | | Lipoxygenase free, SCN resistant |
| IA2076LF | 43.0 | 3 | 9/12 | 1.9 | 31 | 243 | 1870 | 35.8 | 19.3 | 3.3 | | | | | | | Lipoxygenase free |
| IA2053LF | 46.1 | 2 | 9/13 | 2.1 | 33 | 207 | 2190 | 37.7 | 18.5 | 3.0 | | | | | | | Lipoxygenase free |

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†Aphid-resistant version (IA2102RA12) new for 2014.

*Aphid-resistant version (IA2104RA12), high-sucrose version (IA2104HS) and lipoxygenase-free version (IA2104LF) new for 2014.

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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**2011 - 2013 Elite Soybean Test North, Iowa State University
Three-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 + | | | Character | |
|----------|---------------|---------------|------------------|------------------|------------------|----------------------|--------|--------------|----------|--------------------|---------------|--------------|--------------|------------|---------------|-----------|--|
| | | | | | | | | | | | | | Stearic % | Oleic % | Linoleic % | | |
| IA1026 | 52.6 | 4 | 9/12 | 1.4 | 26 | 158 | 2870 | 36.0 | 19.0 | 3.2 | 10.1 | 4.7 | 14.7 | 23.7 | 60.0 | 1.6 | General use, SCN resistant, yellow hilum |
| IA1022 | 52.7 | 3 | 9/13 | 2.0 | 31 | 153 | 2960 | 32.6 | 20.9 | 3.3 | 10.7 | 4.3 | 15.0 | 25.4 | 52.3 | 7.3 | General use, SCN resistant, yellow hilum |
| IA1025 | 52.1 | 5 | 9/13 | 1.8 | 35 | 174 | 2600 | 35.3 | 18.4 | 3.7 | 3.8 | 3.3 | 7.1 | 27.9 | 57.1 | 8.0 | General use |
| IA2069 | 48.0 | 11 | 9/13 | 1.3 | 27 | 165 | 2740 | 34.6 | 19.4 | 3.5 | 3.8 | 3.2 | 7.0 | 26.7 | 58.5 | 7.8 | General use |
| IA1024 | 49.3 | 8 | 9/15 | 2.0 | 31 | 166 | 2730 | 34.9 | 19.2 | 3.5 | 3.7 | 3.2 | 6.9 | 27.5 | 58.2 | 7.3 | General use |
| IA1008 | 49.1 | 9 | 9/15 | 1.9 | 38 | 174 | 2600 | 34.5 | 19.3 | 3.3 | 10.6 | 4.5 | 15.1 | 24.9 | 52.9 | 7.1 | General use, SCN resistant, yellow hilum |
| IA2096 | 50.7 | 6 | 9/16 | 1.9 | 33 | 142 | 3190 | 34.9 | 19.4 | 3.8 | 11.1 | 5.0 | 16.1 | 24.5 | 58.1 | 1.3 | General use |
| IA2092 | 49.1 | 9 | 9/17 | 1.6 | 32 | 159 | 2860 | 34.0 | 19.6 | 4.2 | 4.0 | 3.5 | 7.5 | 30.7 | 54.9 | 6.9 | General use |
| †IA2102 | 58.8 | 1 | 9/19 | 2.5 | 34 | 158 | 2860 | 34.6 | 19.3 | 2.8 | 10.7 | 4.6 | 15.3 | 22.0 | 54.5 | 8.2 | General use, SCN resistant, yellow hilum |
| IA2105 | 53.7 | 2 | 9/19 | 1.7 | 33 | 154 | 2950 | 34.3 | 18.9 | 2.3 | 10.6 | 4.4 | 15.0 | 23.6 | 53.7 | 7.6 | General use, yellow hilum |
| IA2079 | 50.1 | 7 | 9/19 | 1.7 | 31 | 157 | 2890 | 34.9 | 19.4 | 3.3 | 10.5 | 5.1 | 15.6 | 25.8 | 57.4 | 1.2 | General use |
| IA2076 | 50.1 | 1 | 9/14 | 2.1 | 32 | 248 | 1830 | 35.4 | 19.3 | 3.4 | | | | | | | Large seed |
| IA1010 | 45.0 | 2 | 9/15 | 1.6 | 30 | 256 | 1770 | 35.5 | 19.2 | 3.3 | | | | | | | Large seed |
| IA1018 | 46.5 | 6 | 9/14 | 2.0 | 33 | 183 | 2480 | 37.3 | 18.6 | 3.4 | | | | | | | Large seed & high protein |
| IA2067 | 43.5 | 6 | 9/17 | 2.0 | 36 | 219 | 2070 | 38.0 | 18.7 | 3.2 | | | | | | | Large seed & high protein |
| *IA2104 | 50.7 | 2 | 9/18 | 1.6 | 31 | 208 | 2190 | 37.0 | 18.7 | 3.4 | | | | | | | Large seed & high protein |
| IA2046 | 49.0 | 3 | 9/18 | 2.1 | 32 | 246 | 1850 | 36.7 | 18.7 | 3.8 | | | | | | | Large seed & high protein |
| IA2103 | 51.7 | 1 | 9/20 | 1.7 | 32 | 223 | 2030 | 37.2 | 18.5 | 3.1 | | | | | | | Large seed & high protein |
| IA2053 | 47.9 | 4 | 9/21 | 2.1 | 34 | 210 | 2160 | 37.9 | 18.3 | 3.4 | | | | | | | Large seed & high protein |
| IA1008LF | 49.2 | 1 | 9/15 | 1.8 | 37 | 178 | 2550 | 35.1 | 19.3 | 3.4 | | | | | | | Lipoxygenase free, SCN resistant |
| IA2053LF | 48.6 | 2 | 9/17 | 2.1 | 35 | 206 | 2200 | 37.6 | 18.4 | 2.9 | | | | | | | Lipoxygenase free |

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*Aphid-resistant version (IA2104RA12), high-sucrose version (IA2104HS) and lipoxygenase-free version (IA2104LF) new for 2014.

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Protein and oil: 13%-moisture basis

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**2013 Elite Soybean Test Central, Iowa State University
Ames, Carlisle, Eldora, and Kelley, Iowa**

| Entry | Yield | Group | Maturity | Lodging | Height | Seed weight | Protein | Oil | Chlorosis | Palmitic | Stearic | Palmitic + | | Linoleic | Linolenic | Character | |
|----------------|-------|-------|----------|---------|--------|-------------|---------|------|-----------|----------|---------|------------|-------|----------|-----------|-----------|--|
| | | | | | | | | | | | | Stearic | Oleic | | | | |
| | bu/a | rank | date | score | inches | mg/sd | sds/lb | % | % | score | % | % | % | % | % | % | |
| IA1026 | 40.4 | 12 | 9/12 | 1.3 | 23 | 146 | 3120 | 36.3 | 19.4 | 3.0 | 10.1 | 4.5 | 14.6 | 25.3 | 58.9 | 1.2 | General use, SCN resistant, yellow hilum |
| IA1022 | 41.1 | 11 | 9/13 | 1.9 | 29 | 153 | 2970 | 33.6 | 21.0 | 3.3 | 11.0 | 4.2 | 15.2 | 27.34 | 50.4 | 7.1 | General use, SCN resistant, yellow hilum |
| #IA2109 | 48.6 | 1 | 9/16 | 1.7 | 33 | 167 | 2720 | 34.5 | 19.5 | 3.6 | 4.0 | 2.9 | 6.9 | 27.9 | 57.7 | 7.4 | General use |
| IA2105 | 45.5 | 6 | 9/16 | 1.5 | 29 | 148 | 3070 | 35.0 | 19.1 | 1.8 | 10.6 | 4.2 | 14.9 | 26.0 | 52.1 | 7.1 | General use, yellow hilum |
| IA2079 | 39.7 | 14 | 9/17 | 1.5 | 28 | 152 | 2990 | 35.3 | 19.8 | 3.4 | 10.6 | 5.1 | 15.7 | 28.2 | 55.0 | 1.2 | General use |
| †IA2102 | 48.2 | 3 | 9/19 | 2.2 | 32 | 153 | 2970 | 34.7 | 19.8 | 2.8 | 11.0 | 4.5 | 15.5 | 22.7 | 53.8 | 8.0 | General use, SCN resistant, yellow hilum |
| IA2099 | 44.2 | 9 | 9/19 | 1.5 | 28 | 154 | 2950 | 34.4 | 19.6 | 4.2 | 3.4 | 3.3 | 6.7 | 31.9 | 54.2 | 7.2 | General use |
| IA2097 | 39.8 | 13 | 9/20 | 1.7 | 32 | 141 | 3210 | 35.1 | 19.4 | 3.4 | 9.9 | 5.2 | 15.1 | 26.8 | 56.8 | 1.3 | General use |
| IA3042 | 45.4 | 7 | 9/21 | 1.4 | 27 | 137 | 3320 | 35.4 | 19.1 | 3.5 | 11.0 | 4.9 | 15.9 | 24.6 | 58.2 | 1.2 | General use |
| IA2100 | 45.7 | 4 | 9/22 | 1.6 | 27 | 147 | 3080 | 34.6 | 19.9 | 3.3 | 3.3 | 3.0 | 6.3 | 30.7 | 56.1 | 6.8 | General use |
| IA3052 | 45.6 | 5 | 9/22 | 1.6 | 30 | 134 | 3380 | 35.4 | 19.4 | 3.0 | 10.1 | 4.3 | 14.4 | 26.5 | 52.3 | 6.8 | General use, yellow hilum |
| IA2101 | 44.5 | 8 | 9/23 | 1.6 | 34 | 167 | 2720 | 35.1 | 18.9 | 3.4 | 10.0 | 4.9 | 14.9 | 31.5 | 52.3 | 1.3 | General use |
| IA3049 | 42.4 | 10 | 9/23 | 2.0 | 33 | 171 | 2660 | 35.6 | 19.8 | 4.0 | 3.6 | 3.2 | 6.8 | 31.8 | 54.5 | 6.9 | General use |
| IA3050 | 38.2 | 15 | 9/24 | 1.4 | 31 | 157 | 2890 | 36.2 | 18.9 | 3.1 | 10.5 | 5.3 | 15.7 | 30.0 | 52.9 | 1.3 | General use |
| IA3024 | 48.3 | 2 | 9/27 | 1.7 | 33 | 157 | 2890 | 33.6 | 20.0 | 3.3 | 10.4 | 4.7 | 15.1 | 29.6 | 54.0 | 1.3 | General use |
| IA2076 | 43.1 | 2 | 9/17 | 1.7 | 29 | 250 | 1820 | 36.4 | 19.6 | 3.5 | | | | | | | Large seed |
| IA2040 | 44.2 | 1 | 9/21 | 1.7 | 32 | 254 | 1790 | 36.9 | 19.2 | 3.3 | | | | | | | Large seed |
| IA2041 | 39.6 | 11 | 9/14 | 1.7 | 32 | 183 | 2470 | 38.9 | 18.8 | 3.0 | | | | | | | Large seed & high protein |
| IA2053 | 43.4 | 6 | 9/17 | 1.7 | 31 | 209 | 2170 | 38.7 | 18.4 | 3.1 | | | | | | | Large seed & high protein |
| *IA2104 | 42.2 | 8 | 9/17 | 1.2 | 27 | 187 | 2420 | 37.9 | 18.6 | 3.1 | | | | | | | Large seed & high protein |
| IA2067 | 38.8 | 12 | 9/18 | 1.6 | 30 | 215 | 2110 | 38.5 | 18.8 | 3.4 | | | | | | | Large seed & high protein |
| IA2103 | 45.6 | 4 | 9/20 | 1.5 | 30 | 211 | 2150 | 37.7 | 18.8 | 3.0 | | | | | | | Large seed & high protein |
| IA3047 | 45.2 | 5 | 9/20 | 1.9 | 32 | 206 | 2200 | 37.7 | 18.7 | 3.9 | | | | | | | Large seed & high protein |
| ‡IA3051 | 48.1 | 1 | 9/21 | 1.7 | 32 | 185 | 2450 | 38.9 | 18.2 | 3.0 | | | | | | | Large seed & high protein |
| IA3027 | 46.1 | 3 | 9/22 | 1.8 | 31 | 205 | 2210 | 38.1 | 18.5 | 2.5 | | | | | | | Large seed & high protein |
| IA3027RA12 | 46.8 | 2 | 9/24 | 1.5 | 30 | 211 | 2150 | 37.9 | 18.6 | 2.0 | | | | | | | Large seed & high protein, aphid resistant |
| IA3045 | 43.0 | 7 | 9/24 | 2.1 | 35 | 188 | 2420 | 38.9 | 18.0 | 2.9 | | | | | | | Large seed & high protein |
| IA3045RA12 | 42.0 | 9 | 9/24 | 1.8 | 32 | 191 | 2380 | 38.6 | 18.2 | 2.4 | | | | | | | Large seed & high protein, aphid resistant |
| IA3027RA1 | 41.8 | 10 | 9/24 | 1.5 | 30 | 195 | 2330 | 38.3 | 18.2 | 2.4 | | | | | | | Large seed & high protein, aphid resistant |
| IA2076LF | 41.7 | 4 | 9/14 | 1.7 | 29 | 236 | 1920 | 36.0 | 19.7 | 3.4 | | | | | | | Lipoxygenase free |
| IA2053LF | 43.1 | 3 | 9/17 | 1.9 | 32 | 206 | 2200 | 38.2 | 18.7 | 3.0 | | | | | | | Lipoxygenase free |
| IA3027LFRA12 | 41.4 | 5 | 9/21 | 1.5 | 26 | 205 | 2210 | 38.6 | 18.8 | 3.5 | | | | | | | Lipoxygenase free, aphid resistant |
| IA3027LF | 45.8 | 2 | 9/24 | 1.9 | 33 | 201 | 2260 | 38.0 | 18.7 | 2.6 | | | | | | | Lipoxygenase free |
| IA3045LF | 49.0 | 1 | 9/26 | 2.2 | 37 | 202 | 2250 | 38.8 | 18.6 | 2.8 | | | | | | | Lipoxygenase free |

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*Aphid-resistant version (IA2104RA12), high-sucrose version (IA2104HS) and lipoxygenase-free version (IA2104LF) new for 2014.

‡Aphid-resistant version (IA3051RA12), high-sucrose version (IA3051HS) and lipoxygenase-free version (IA3051LF) new for 2014.

Yield: Bushels/acre at 13% moisture

Protein and oil: 13%-moisture basis

Maturity: Month/Day

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**2012 - 2013 Elite 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 + | | Linoleic % | Linolenic % | Character |
|------------|---------------|---------------|------------------|------------------|------------------|----------------------|--------|--------------|----------|--------------------|---------------|--------------|--------------|------------|---------------|----------------|--|
| | | | | | | | | | | | | | Stearic % | Oleic % | | | |
| IA1022 | 46.2 | 8 | 9/9 | 2.1 | 32 | 152 | 2990 | 32.9 | 21.0 | 3.3 | 11.1 | 4.6 | 15.6 | 26.9 | 50.5 | 7.0 | General use, SCN resistant, yellow hilum |
| IA1026 | 44.6 | 11 | 9/9 | 1.5 | 25 | 149 | 3050 | 36.2 | 19.2 | 3.4 | 10.1 | 5.1 | 15.2 | 24.9 | 58.7 | 1.3 | General use, SCN resistant, yellow hilum |
| IA2105 | 47.7 | 6 | 9/12 | 1.6 | 31 | 151 | 3000 | 34.5 | 19.0 | 2.3 | 10.7 | 4.7 | 15.4 | 25.3 | 52.2 | 7.1 | General use, yellow hilum |
| IA2079 | 43.2 | 14 | 9/12 | 1.7 | 29 | 154 | 2940 | 34.9 | 19.8 | 3.4 | 10.9 | 5.6 | 16.6 | 27.9 | 54.4 | 1.2 | General use |
| †IA2102 | 52.8 | 1 | 9/15 | 2.7 | 34 | 158 | 2870 | 34.6 | 19.5 | 3.0 | 11.0 | 5.1 | 16.1 | 23.3 | 52.7 | 7.8 | General use, SCN resistant, yellow hilum |
| IA2099 | 45.8 | 10 | 9/15 | 1.6 | 30 | 156 | 2900 | 34.2 | 19.1 | 4.1 | 3.7 | 4.0 | 7.7 | 31.4 | 53.7 | 7.2 | General use |
| IA3042 | 48.4 | 4 | 9/16 | 1.7 | 29 | 140 | 3240 | 35.0 | 19.3 | 3.6 | 10.8 | 5.5 | 16.3 | 25.3 | 56.9 | 1.4 | General use |
| IA2097 | 44.0 | 13 | 9/16 | 1.8 | 34 | 144 | 3160 | 34.8 | 19.3 | 3.8 | 9.8 | 5.5 | 15.3 | 26.2 | 57.0 | 1.5 | General use |
| IA2100 | 48.9 | 3 | 9/17 | 1.8 | 31 | 142 | 3190 | 34.4 | 19.6 | 3.6 | 3.6 | 3.5 | 7.1 | 29.0 | 57.0 | 6.9 | General use |
| IA2101 | 47.9 | 5 | 9/18 | 1.7 | 35 | 171 | 2650 | 34.6 | 18.9 | 3.4 | 10.1 | 5.4 | 15.6 | 30.3 | 52.8 | 1.4 | General use |
| IA3052 | 47.7 | 6 | 9/19 | 1.8 | 32 | 139 | 3270 | 34.7 | 19.4 | 3.3 | 9.9 | 4.9 | 14.8 | 26.7 | 51.6 | 6.8 | General use, yellow hilum |
| IA3049 | 46.1 | 9 | 9/20 | 2.2 | 35 | 174 | 2610 | 35.1 | 19.5 | 4.2 | 3.7 | 3.9 | 7.6 | 31.0 | 54.5 | 7.0 | General use |
| IA3050 | 44.5 | 12 | 9/21 | 1.7 | 33 | 160 | 2830 | 35.5 | 19.0 | 3.6 | 10.4 | 5.7 | 16.2 | 29.3 | 53.0 | 1.5 | General use |
| IA3024 | 50.5 | 2 | 9/23 | 2.1 | 36 | 160 | 2840 | 33.2 | 19.9 | 3.6 | 10.4 | 5.2 | 15.6 | 28.8 | 54.3 | 1.3 | General use |
| IA2076 | 43.5 | | 9/13 | 2.1 | 30 | 243 | 1870 | 35.5 | 19.3 | | | | | | | | Large seed |
| IA2041 | 42.0 | 10 | 9/12 | 1.9 | 34 | 186 | 2440 | 38.2 | 18.7 | 3.2 | | | | | | | Large seed & high protein |
| *IA2104 | 44.1 | 9 | 9/13 | 1.5 | 29 | 198 | 2300 | 37.3 | 18.6 | 3.4 | | | | | | | Large seed & high protein |
| IA2053 | 46.0 | 8 | 9/14 | 2.0 | 33 | 207 | 2190 | 38.2 | 18.3 | 3.4 | | | | | | | Large seed & high protein |
| IA2067 | 41.5 | 11 | 9/14 | 1.8 | 34 | 219 | 2070 | 38.3 | 18.6 | 3.5 | | | | | | | Large seed & high protein |
| ‡IA3051 | 49.7 | 1 | 9/16 | 1.8 | 33 | 190 | 2390 | 38.5 | 18.1 | 3.3 | | | | | | | Large seed & high protein |
| IA2103 | 47.3 | 4 | 9/16 | 1.8 | 32 | 215 | 2110 | 37.4 | 18.6 | 3.2 | | | | | | | Large seed & high protein |
| IA3047 | 46.9 | 5 | 9/16 | 2.2 | 35 | 204 | 2220 | 37.3 | 18.5 | 3.8 | | | | | | | Large seed & high protein |
| IA3027 | 49.4 | 2 | 9/17 | 1.9 | 33 | 205 | 2210 | 37.5 | 18.2 | 2.7 | | | | | | | Large seed & high protein |
| IA3027RA12 | 47.7 | 3 | 9/19 | 1.7 | 32 | 211 | 2150 | 37.6 | 18.3 | 2.3 | | | | | | | Large seed & high protein, aphid resistant |
| IA3045 | 46.8 | 6 | 9/20 | 2.2 | 37 | 195 | 2330 | 38.2 | 18.1 | 3.1 | | | | | | | Large seed & high protein |
| IA3027RA1 | 46.2 | 7 | 9/20 | 1.7 | 32 | 198 | 2290 | 37.7 | 17.9 | 2.6 | | | | | | | Large seed & high protein, aphid resistant |
| IA2076LF | 45.1 | 4 | 9/11 | 2.0 | 32 | 239 | 1900 | 35.7 | 19.3 | 3.3 | | | | | | | Lipoxygenase free |
| IA2053LF | 46.1 | 3 | 9/13 | 2.1 | 33 | 205 | 2210 | 37.9 | 18.6 | 3.0 | | | | | | | Lipoxygenase free |
| IA3027LF | 47.2 | 2 | 9/18 | 2.0 | 34 | 206 | 2210 | 37.5 | 18.3 | 2.7 | | | | | | | Lipoxygenase free |
| IA3045LF | 49.5 | 1 | 9/20 | 2.4 | 38 | 201 | 2250 | 38.2 | 18.4 | 2.9 | | | | | | | Lipoxygenase free |

†Aphid-resistant version (IA2102RA12) new for 2014.

*Aphid-resistant version (IA2104RA12), high-sucrose version (IA2104HS) and lipoxygenase-free version (IA2104LF) new for 2014.

‡Aphid-resistant version (IA3051RA12), high-sucrose version (IA3051HS) and lipoxygenase-free version (IA3051LF) new for 2014.

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

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

**2011 - 2013 Elite Soybean Test Central, Iowa State University
Three-Year Means**

| Entry | Yield bu/a | Group rank | Maturity date | Lodging score | Height inches | Seed weight mg/sd | Protein sds/lb | Oil % | Chlorosis score | Palmitic % | Stearic % | Palmitic + | | | Linolenic % | Character | |
|-----------|---------------|---------------|------------------|------------------|------------------|----------------------|-------------------|----------|--------------------|---------------|--------------|--------------|------------|---------------|----------------|-----------|--|
| | | | | | | | | | | | | Stearic % | Oleic % | Linoleic % | | | |
| IA1022 | 48.9 | 9 | 9/12 | 2.0 | 31 | 150 | 3020 | 32.7 | 21.0 | 3.3 | 11.1 | 4.3 | 15.4 | 26.0 | 51.3 | 7.3 | General use, SCN resistant, yellow hilum |
| IA2105 | 52.3 | 3 | 9/16 | 1.6 | 32 | 151 | 3000 | 34.4 | 18.9 | 2.3 | 10.7 | 4.5 | 15.1 | 24.6 | 52.9 | 7.4 | General use, yellow hilum |
| IA2079 | 46.5 | 13 | 9/16 | 1.7 | 31 | 152 | 2980 | 34.8 | 19.6 | 3.3 | 10.7 | 5.3 | 16.0 | 27.2 | 55.6 | 1.2 | General use |
| †IA2102 | 56.0 | 1 | 9/19 | 2.6 | 35 | 158 | 2880 | 34.5 | 19.4 | 2.8 | 11.0 | 4.8 | 15.7 | 22.3 | 53.8 | 8.1 | General use, SCN resistant, yellow hilum |
| IA2099 | 49.4 | 8 | 9/19 | 1.7 | 31 | 155 | 2920 | 33.9 | 19.2 | 3.9 | 3.6 | 3.7 | 7.3 | 30.2 | 55.0 | 7.5 | General use |
| IA2097 | 46.9 | 12 | 9/19 | 1.8 | 34 | 143 | 3170 | 34.7 | 19.1 | 3.6 | 9.9 | 5.2 | 15.1 | 25.8 | 57.8 | 1.4 | General use |
| IA3042 | 50.6 | 6 | 9/20 | 1.7 | 30 | 140 | 3250 | 35.0 | 19.0 | 3.7 | 10.9 | 5.2 | 16.1 | 24.5 | 58.0 | 1.4 | General use |
| IA2100 | 51.4 | 4 | 9/21 | 1.8 | 32 | 142 | 3190 | 34.1 | 19.5 | 3.3 | 3.5 | 3.3 | 6.8 | 28.3 | 57.8 | 7.2 | General use |
| IA2101 | 50.8 | 5 | 9/22 | 1.7 | 36 | 168 | 2700 | 34.5 | 18.8 | 3.3 | 10.1 | 5.1 | 15.1 | 29.2 | 54.3 | 1.3 | General use |
| IA3052 | 50.3 | 7 | 9/23 | 1.9 | 33 | 138 | 3290 | 34.4 | 19.3 | 3.4 | 9.9 | 4.5 | 14.5 | 25.4 | 52.9 | 7.2 | General use, yellow hilum |
| IA3049 | 48.7 | 10 | 9/23 | 2.1 | 35 | 173 | 2630 | 35.0 | 19.3 | 4.1 | 3.6 | 3.6 | 7.2 | 29.9 | 55.6 | 7.2 | General use |
| IA3050 | 48.0 | 11 | 9/24 | 1.6 | 33 | 159 | 2860 | 35.4 | 18.8 | 3.4 | 10.5 | 5.3 | 15.8 | 28.5 | 54.3 | 1.4 | General use |
| IA3024 | 52.7 | 2 | 9/25 | 1.9 | 36 | 158 | 2870 | 33.2 | 19.8 | 3.3 | 10.3 | 4.9 | 15.3 | 28.3 | 55.2 | 1.3 | General use |
| IA2076 | 46.8 | | 9/14 | 1.9 | 30 | 245 | 1850 | 35.5 | 19.4 | 3.4 | | | | | | | Large seed |
| IA2041 | 44.3 | 9 | 9/14 | 1.9 | 34 | 183 | 2480 | 38.2 | 18.7 | 3.1 | | | | | | | Large seed & high protein |
| *IA2104 | 46.9 | 8 | 9/16 | 1.5 | 29 | 196 | 2310 | 37.3 | 18.6 | 3.4 | | | | | | | Large seed & high protein |
| IA2067 | 43.1 | 10 | 9/16 | 1.8 | 33 | 213 | 2130 | 38.1 | 18.7 | 3.2 | | | | | | | Large seed & high protein |
| IA2053 | 48.0 | 7 | 9/17 | 1.9 | 34 | 208 | 2180 | 38.1 | 18.2 | 3.4 | | | | | | | Large seed & high protein |
| IA2103 | 49.2 | 4 | 9/18 | 1.7 | 32 | 212 | 2140 | 37.2 | 18.6 | 3.1 | | | | | | | Large seed & high protein |
| ‡IA3051 | 52.7 | 1 | 9/19 | 1.9 | 34 | 191 | 2380 | 38.5 | 18.0 | 3.2 | | | | | | | Large seed & high protein |
| IA3047 | 49.5 | 3 | 9/19 | 2.2 | 35 | 205 | 2210 | 37.3 | 18.4 | 3.6 | | | | | | | Large seed & high protein |
| IA3027 | 51.5 | 2 | 9/20 | 1.9 | 33 | 206 | 2200 | 37.6 | 18.2 | 2.6 | | | | | | | Large seed & high protein |
| IA3027RA1 | 48.4 | 5 | 9/23 | 1.8 | 33 | 198 | 2290 | 37.7 | 18.0 | 2.5 | | | | | | | Large seed & high protein, aphid resistant |
| IA3045 | 48.4 | 5 | 9/24 | 2.2 | 37 | 197 | 2300 | 38.3 | 17.8 | 2.8 | | | | | | | Large seed & high protein |
| IA2053LF | 48.0 | 2 | 9/16 | 2.1 | 34 | 205 | 2220 | 37.7 | 18.6 | 2.9 | | | | | | | Lipoxygenase free |
| IA3027LF | 49.6 | 1 | 9/22 | 2.0 | 34 | 205 | 2210 | 37.4 | 18.3 | 2.7 | | | | | | | Lipoxygenase free |

†Aphid-resistant version (IA2102RA12) new for 2014.

*Aphid-resistant version (IA2104RA12), high-sucrose version (IA2104HS) and lipoxygenase-free version (IA2104LF) new for 2014.

‡Aphid-resistant version (IA3051RA12), high-sucrose version (IA3051HS) and lipoxygenase-free version (IA3051LF) new for 2014.

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

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

**2013 Elite Soybean Test South, Iowa State University
Ames, Carlisle, and Greenfield, Iowa**

| Entry | Yield bu/a | Group rank | Maturity date | Lodging score | Height inches | Seed weight mg/sd | Protein sds/lb | Oil % | Chlorosis % | Palmitic % | Stearic % | Palmitic + | | | Linolenic % | Character | |
|--------------------|---------------|---------------|------------------|------------------|------------------|----------------------|-------------------|----------|----------------|---------------|--------------|--------------|------------|---------------|----------------|-----------|--|
| | | | | | | | | | | | | Stearic % | Oleic % | Linoleic % | | | |
| †IA2102 | 51.4 | 1 | 9/17 | 1.8 | 28 | 162 | 2790 | 34.3 | 20.4 | 2.8 | 10.6 | 4.7 | 15.3 | 24.2 | 53.0 | 7.5 | General use, SCN resistant, yellow hilum |
| IA2097 | 37.5 | 15 | 9/17 | 1.4 | 26 | 150 | 3030 | 35.1 | 20.1 | 3.4 | 9.9 | 5.2 | 15.1 | 27.1 | 56.6 | 1.2 | General use |
| IA3042 | 44.2 | 9 | 9/19 | 1.4 | 25 | 143 | 3170 | 35.3 | 20.0 | 3.5 | 10.5 | 4.9 | 15.4 | 26.0 | 57.2 | 1.3 | General use |
| IA2099 | 42.6 | 12 | 9/19 | 1.6 | 25 | 164 | 2770 | 34.4 | 20.1 | 4.2 | 3.4 | 3.2 | 6.6 | 33.0 | 53.2 | 7.2 | General use |
| IA2100 | 47.4 | 7 | 9/21 | 1.5 | 26 | 157 | 2890 | 34.4 | 20.5 | 3.3 | 3.5 | 3.0 | 6.5 | 32.8 | 54.0 | 6.7 | General use |
| IA2101 | 44.2 | 9 | 9/22 | 1.5 | 28 | 180 | 2520 | 34.8 | 19.9 | 3.4 | 9.5 | 4.5 | 14.0 | 34.4 | 50.0 | 1.6 | General use |
| IA3049 | 41.6 | 14 | 9/22 | 1.7 | 28 | 180 | 2520 | 35.0 | 20.6 | 4.0 | 3.4 | 2.9 | 6.2 | 33.0 | 54.1 | 6.6 | General use |
| IA3052 | 48.0 | 6 | 9/23 | 1.5 | 28 | 151 | 3000 | 34.6 | 20.5 | 3.0 | 10.3 | 4.0 | 14.3 | 26.6 | 52.3 | 6.8 | General use, yellow hilum |
| IA3024 | 49.8 | 3 | 9/26 | 1.6 | 30 | 169 | 2680 | 33.4 | 21.1 | 3.3 | 10.3 | 4.6 | 14.9 | 32.2 | 51.7 | 1.2 | General use |
| IA3048 | 42.7 | 11 | 9/26 | 1.9 | 28 | 146 | 3110 | 33.9 | 20.6 | 3.3 | 10.4 | 3.6 | 14.0 | 28.4 | 51.4 | 6.2 | General use, SCN resistant, yellow hilum |
| IA3050 | 49.3 | 5 | 9/27 | 1.5 | 28 | 171 | 2660 | 35.6 | 20.0 | 3.1 | 10.4 | 5.0 | 15.3 | 32.0 | 51.4 | 1.2 | General use |
| IA3044 | 42.5 | 13 | 9/27 | 1.4 | 26 | 178 | 2540 | 34.6 | 20.8 | 3.8 | 9.7 | 4.7 | 14.4 | 29.2 | 54.8 | 1.5 | General use |
| IA3043 | 49.7 | 4 | 9/29 | 1.7 | 34 | 159 | 2850 | 34.7 | 20.5 | 3.1 | 9.9 | 5.0 | 14.9 | 28.5 | 55.3 | 1.3 | General use |
| IA3023 | 46.5 | 8 | 9/29 | 1.6 | 26 | 172 | 2630 | 32.4 | 21.4 | 3.6 | 10.2 | 4.1 | 14.4 | 27.7 | 52.0 | 6.0 | General use |
| IA4005 | 50.0 | 2 | 10/3 | 1.5 | 25 | 153 | 2960 | 34.5 | 20.2 | 3.3 | 9.6 | 5.0 | 14.6 | 29.8 | 54.1 | 1.5 | General use |
| ‡IA3051 | 46.8 | 2 | 9/19 | 1.6 | 26 | 202 | 2250 | 38.3 | 19.2 | 3.0 | | | | | | | Large seed & high protein |
| IA3027 | 46.7 | 3 | 9/19 | 1.7 | 26 | 213 | 2130 | 37.7 | 19.2 | 2.5 | | | | | | | Large seed & high protein |
| #IA3053RA12 | 45.7 | 4 | 9/19 | 1.7 | 27 | 210 | 2160 | 37.5 | 19.4 | 3.0 | | | | | | | Large seed & high protein, aphid resistant |
| IA3047 | 45.3 | 5 | 9/19 | 1.8 | 29 | 221 | 2050 | 37.4 | 19.4 | 3.9 | | | | | | | Large seed & high protein |
| IA3027RA12 | 43.5 | 8 | 9/22 | 1.4 | 27 | 217 | 2090 | 37.3 | 19.5 | 2.0 | | | | | | | Large seed & high protein, aphid resistant |
| IA3045 | 48.5 | 1 | 9/23 | 1.7 | 30 | 208 | 2180 | 38.6 | 18.8 | 2.9 | | | | | | | Large seed & high protein |
| IA3045RA12 | 45.0 | 6 | 9/24 | 1.7 | 28 | 205 | 2210 | 38.0 | 19.0 | 2.4 | | | | | | | Large seed & high protein, aphid resistant |
| IA3027RA1 | 44.6 | 7 | 9/24 | 1.6 | 27 | 208 | 2180 | 37.8 | 19.2 | 2.4 | | | | | | | Large seed & high protein, aphid resistant |
| IA3027LFRA12 | 46.0 | 2 | 9/18 | 1.6 | 25 | 215 | 2110 | 38.0 | 19.4 | 3.5 | | | | | | | Lipoxygenase free, aphid resistant |
| IA3045LF | 49.1 | 1 | 9/23 | 1.7 | 30 | 210 | 2160 | 38.2 | 19.2 | 2.8 | | | | | | | Lipoxygenase free |
| IA3027LF | 41.5 | 3 | 9/23 | 1.6 | 27 | 211 | 2150 | 37.5 | 19.6 | 2.6 | | | | | | | Lipoxygenase free |

†Aphid-resistant version (IA2102RA12) new for 2014.

‡Aphid-resistant version (IA3051RA12), high-sucrose version (IA3051HS) and lipoxygenase-free version (IA3051LF) new for 2014.

#New for 2014.

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

Julie JG Minot

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Fax: 515-294-0778

310 Lab of Mechanics

E-mail: jigus@iastate.edu

Iowa State University, Ames, IA 50011-2131

<http://www.techtransfer.iastate.edu>

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

**2012 - 2013 Elite 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 | Protein sds/lb | Oil % | Chlorosis score | Palmitic % | Stearic % | Palmitic + | | | Linolenic % | Character | |
|------------|---------------|---------------|------------------|------------------|------------------|----------------------|-------------------|----------|--------------------|---------------|--------------|--------------|------------|---------------|----------------|-----------|--|
| | | | | | | | | | | | | Stearic % | Oleic % | Linoleic % | | | |
| †IA2102 | 51.8 | 1 | 9/16 | 2.3 | 32 | 165 | 2750 | 34.0 | 20.2 | 3.0 | 11.1 | 5.1 | 16.3 | 24.6 | 51.4 | 7.7 | General use, SCN resistant, yellow hilum |
| IA2097 | 40.6 | 15 | 9/16 | 1.6 | 29 | 152 | 2990 | 34.7 | 19.7 | 3.8 | 10.2 | 5.7 | 15.9 | 27.4 | 55.4 | 1.3 | General use |
| IA2100 | 48.9 | 8 | 9/17 | 1.9 | 28 | 152 | 2990 | 33.9 | 20.1 | 3.6 | 3.9 | 3.6 | 7.5 | 31.6 | 53.9 | 7.1 | General use |
| IA2099 | 44.7 | 11 | 9/17 | 1.7 | 27 | 165 | 2740 | 34.3 | 19.3 | 4.1 | 3.9 | 3.8 | 7.6 | 31.7 | 53.3 | 7.3 | General use |
| IA3042 | 43.9 | 13 | 9/17 | 1.6 | 26 | 145 | 3130 | 34.8 | 19.9 | 3.6 | 11.1 | 5.6 | 16.7 | 26.8 | 55.2 | 1.3 | General use |
| IA2101 | 47.6 | 10 | 9/18 | 1.6 | 31 | 182 | 2490 | 34.4 | 19.4 | 3.4 | 10.0 | 5.2 | 15.2 | 32.2 | 51.1 | 1.6 | General use |
| IA3049 | 42.0 | 14 | 9/20 | 1.9 | 30 | 182 | 2490 | 34.8 | 20.0 | 4.2 | 3.6 | 3.8 | 7.4 | 33.1 | 52.6 | 6.9 | General use |
| IA3052 | 50.5 | 5 | 9/21 | 1.9 | 31 | 153 | 2960 | 34.2 | 20.0 | 3.3 | 10.3 | 4.6 | 14.9 | 26.8 | 51.3 | 7.0 | General use, yellow hilum |
| IA3024 | 50.9 | 4 | 9/23 | 1.9 | 33 | 169 | 2690 | 33.1 | 20.4 | 3.6 | 10.6 | 5.2 | 15.8 | 31.1 | 51.9 | 1.2 | General use |
| IA3048 | 48.4 | 9 | 9/23 | 2.1 | 31 | 151 | 3000 | 33.6 | 20.0 | 3.6 | 10.7 | 4.3 | 15.0 | 28.5 | 50.0 | 6.5 | General use, SCN resistant, yellow hilum |
| IA3050 | 49.8 | 7 | 9/24 | 1.7 | 30 | 172 | 2630 | 35.3 | 19.4 | 3.6 | 10.7 | 5.6 | 16.3 | 31.2 | 51.2 | 1.2 | General use |
| IA3044 | 44.6 | 12 | 9/24 | 1.6 | 28 | 180 | 2510 | 34.0 | 20.3 | 3.9 | 10.2 | 5.3 | 15.5 | 28.5 | 54.6 | 1.4 | General use |
| IA3023 | 50.1 | 6 | 9/25 | 1.7 | 29 | 169 | 2680 | 32.3 | 20.8 | 3.5 | 10.7 | 4.8 | 15.4 | 28.0 | 50.3 | 6.2 | General use |
| IA3043 | 51.2 | 3 | 9/28 | 2.2 | 38 | 163 | 2790 | 34.7 | 19.9 | 3.3 | 10.3 | 5.4 | 15.7 | 27.8 | 55.3 | 1.2 | General use |
| IA4005 | 51.5 | 2 | 9/29 | 1.6 | 28 | 156 | 2910 | 34.2 | 19.6 | 3.4 | 10.0 | 5.6 | 15.6 | 28.6 | 54.4 | 1.4 | General use |
| ‡IA3051 | 48.9 | 1 | 9/16 | 1.7 | 29 | 198 | 2290 | 38.2 | 18.5 | 3.3 | | | | | | | Large seed & high protein |
| IA3027 | 45.9 | 4 | 9/16 | 1.9 | 28 | 209 | 2170 | 37.2 | 18.6 | 2.7 | | | | | | | Large seed & high protein |
| IA3047 | 45.1 | 5 | 9/17 | 2.0 | 31 | 216 | 2100 | 37.3 | 18.7 | 3.8 | | | | | | | Large seed & high protein |
| IA3027RA12 | 43.4 | 6 | 9/19 | 1.6 | 29 | 216 | 2100 | 37.0 | 18.8 | 2.3 | | | | | | | Large seed & high protein, aphid resistant |
| IA3045 | 47.9 | 2 | 9/20 | 2.0 | 33 | 204 | 2220 | 37.9 | 18.4 | 3.1 | | | | | | | Large seed & high protein |
| IA3027RA1 | 46.5 | 3 | 9/21 | 1.8 | 29 | 209 | 2170 | 37.5 | 18.5 | 2.6 | | | | | | | Large seed & high protein, aphid resistant |
| IA3045LF | 47.9 | 1 | 9/20 | 1.9 | 32 | 206 | 2200 | 38.0 | 18.7 | 2.9 | | | | | | | Lipoxygenase free |
| IA3027LF | 44.3 | 2 | 9/20 | 1.9 | 29 | 210 | 2160 | 37.1 | 18.9 | 2.7 | | | | | | | Lipoxygenase free |

†Aphid-resistant version (IA2102RA12) new for 2014.

‡Aphid-resistant version (IA3051RA12), high-sucrose version (IA3051HS) and lipoxygenase-free version (IA3051LF) new for 2014.

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

**2011 - 2013 Elite Soybean Test South, Iowa State University
Three-Year Means**

| Entry | Yield bu/a | Group rank | Maturity date | Lodging score | Height inches | Seed weight mg/sd | Protein sds/lb | Oil % | Chlorosis score | Palmitic % | Stearic % | Palmitic + | | | Character | | |
|-----------|---------------|---------------|------------------|------------------|------------------|----------------------|-------------------|----------|--------------------|---------------|--------------|--------------|------------|---------------|-----------|-----|--|
| | | | | | | | | | | | | Stearic % | Oleic % | Linoleic % | | | |
| IA2097 | 44.5 | 15 | 9/18 | 1.6 | 30 | 151 | 3010 | 34.8 | 19.6 | 3.6 | 10.1 | 5.3 | 15.4 | 26.7 | 56.6 | 1.3 | General use |
| †IA2102 | 55.4 | 1 | 9/19 | 2.3 | 31 | 164 | 2770 | 34.2 | 20.0 | 2.8 | 10.9 | 4.9 | 15.7 | 23.9 | 52.5 | 7.8 | General use, SCN resistant, yellow hilum |
| IA3042 | 48.1 | 13 | 9/19 | 1.6 | 27 | 146 | 3110 | 35.0 | 19.7 | 3.7 | 10.9 | 5.3 | 16.2 | 26.0 | 56.5 | 1.3 | General use |
| IA2099 | 49.6 | 11 | 9/20 | 1.7 | 27 | 165 | 2750 | 34.3 | 19.3 | 3.9 | 3.7 | 3.5 | 7.2 | 30.7 | 54.5 | 7.5 | General use |
| IA2100 | 52.0 | 8 | 9/21 | 1.8 | 29 | 151 | 3000 | 34.0 | 19.9 | 3.3 | 3.7 | 3.4 | 7.1 | 30.2 | 55.6 | 7.2 | General use |
| IA2101 | 50.8 | 9 | 9/21 | 1.6 | 31 | 178 | 2550 | 34.4 | 19.3 | 3.3 | 9.9 | 4.9 | 14.7 | 31.2 | 52.5 | 1.5 | General use |
| IA3049 | 46.7 | 14 | 9/23 | 1.9 | 31 | 181 | 2510 | 34.8 | 19.9 | 4.1 | 3.6 | 3.5 | 7.1 | 32.2 | 53.8 | 6.9 | General use |
| IA3052 | 54.3 | 3 | 9/24 | 1.8 | 31 | 152 | 2990 | 34.2 | 19.9 | 3.4 | 10.2 | 4.3 | 14.5 | 25.9 | 52.5 | 7.1 | General use, yellow hilum |
| IA3024 | 54.1 | 4 | 9/25 | 1.8 | 33 | 167 | 2720 | 33.1 | 20.3 | 3.3 | 10.5 | 4.8 | 15.3 | 30.4 | 53.0 | 1.2 | General use |
| IA3050 | 53.7 | 5 | 9/26 | 1.6 | 30 | 170 | 2670 | 35.3 | 19.4 | 3.4 | 10.6 | 5.2 | 15.8 | 30.7 | 52.3 | 1.2 | General use |
| IA3048 | 50.3 | 10 | 9/26 | 2.1 | 31 | 147 | 3090 | 33.8 | 19.9 | 3.5 | 10.5 | 4.0 | 14.5 | 27.4 | 51.5 | 6.7 | General use, SCN resistant, yellow hilum |
| IA3044 | 48.3 | 12 | 9/27 | 1.6 | 29 | 177 | 2560 | 34.2 | 20.2 | 3.7 | 10.0 | 5.0 | 15.0 | 27.8 | 55.8 | 1.4 | General use |
| IA3023 | 53.3 | 7 | 9/28 | 1.7 | 30 | 167 | 2720 | 32.3 | 20.7 | 3.5 | 10.4 | 4.4 | 14.9 | 27.1 | 51.7 | 6.3 | General use |
| IA3043 | 53.6 | 6 | 9/30 | 2.0 | 37 | 159 | 2850 | 34.7 | 19.8 | 3.2 | 10.1 | 5.1 | 15.3 | 26.8 | 56.7 | 1.3 | General use |
| IA4005 | 55.3 | 2 | 10/2 | 1.6 | 29 | 152 | 2980 | 34.2 | 19.6 | 3.2 | 9.9 | 5.2 | 15.2 | 27.7 | 55.8 | 1.4 | General use |
| ‡IA3051 | 51.4 | 2 | 9/18 | 1.7 | 30 | 197 | 2300 | 38.3 | 18.5 | 3.2 | | | | | | | Large seed & high protein |
| IA3027 | 50.2 | 4 | 9/19 | 1.9 | 29 | 209 | 2170 | 37.5 | 18.5 | 2.6 | | | | | | | Large seed & high protein |
| IA3047 | 48.9 | 5 | 9/19 | 2.0 | 31 | 215 | 2110 | 37.4 | 18.7 | 3.6 | | | | | | | Large seed & high protein |
| IA3045 | 51.5 | 1 | 9/23 | 2.0 | 33 | 205 | 2210 | 38.1 | 18.3 | 2.8 | | | | | | | Large seed & high protein |
| IA3027RA1 | 50.2 | 3 | 9/23 | 1.7 | 29 | 206 | 2200 | 37.6 | 18.4 | 2.5 | | | | | | | Large seed & high protein, aphid resistant |
| IA3027LF | 47.8 | | 9/22 | 1.8 | 29 | 209 | 2170 | 37.2 | 18.9 | 2.7 | | | | | | | Lipoxygenase free |

†Aphid-resistant version (IA2102RA12) new for 2014.

‡Aphid-resistant version (IA3051RA12), high-sucrose version (IA3051HS) and lipoxygenase-free version (IA3051LF) new for 2014.

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.

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

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