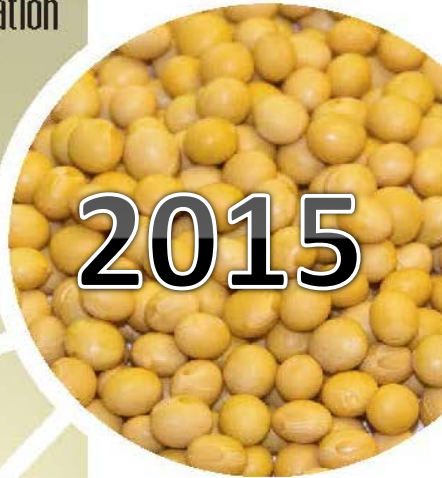


Iowa State University Research Foundation
ISURF



*Your Source
for Non-GMO
Soybean Varieties
Ideal for
Organic Production*

Food grade and commodity
varieties designed to meet the needs
of growers and end users

- High yield
- High protein
- Large seed
- Lipoxygenase free
- Improved oil quality
- Yellow hilum color
- Insect resistance
- Disease resistance

Committee for
Agricultural Development
(CAD)
103 Curtiss Hall
Iowa State University
Ames, IA 50011-1050
Phone: 515-291-0507
Fax: 515-294-6210
www.cad.iastate.edu

Iowa State University
Research Foundation, Inc.
(ISURF)
310 Lab of Mechanics
Iowa State University
Ames, IA 50011-2131
Phone: 515-294-9442
Fax: 515-294-0778
www.techtransfer.iastate.edu

The **Iowa State University Research Foundation, Inc. (ISURF)** and the **Committee for Agricultural Development (CAD)** are service organizations that facilitate the release and distribution of soybean varieties developed at Iowa State University. We are committed to distributing the varieties for the benefit of the public. Any interested grower can obtain seed of the varieties through a license agreement with ISURF. Sample agreements can be found at <http://www.cad.iastate.edu/agreements.html>. Foundation seed of the varieties is produced and distributed by CAD.

The soybean breeding project at Iowa State University is one of the leading breeding programs for non-GMO soybean varieties. New general-use and specialty food soybeans are available because of the continued efforts of the project that is made possible by the financial support of the Iowa Soybean Association and the United Soybean Board.

Foundation Seed Available for 2015 Planting

Foundation seed of the following varieties are available by contacting Lynn Henn, Production Manager for the Committee for Agricultural Development. Phone 515-291-0507 Fax 515-337-1032 Email lhenn@iastate.edu

| | | | | |
|----------|------------|-------------|-------------|--------|
| IA2104 | IA2104RA12 | IA3051RA12 | IA1022 | IA1026 |
| IA2102 | IA2102RA12 | IAR1902 SCN | IAR2601 SCN | IA3055 |
| IA3051HS | | | | |

New soybean varieties released by Iowa State University in November 2014

New soybean varieties developed by the soybean breeders at Iowa State University are being offered for the first time on a non-exclusive basis. Any growers who are interested in having the Committee for Agricultural Development produce foundation seed of the varieties in 2015 should contact Lynn Henn, CAD Production Manager. He may be reached by phone (515-291-0507) or email (lhenn@iastate.edu).

Descriptions

IA2110 - High yield, low-saturate

IA2111 - High yield, low-saturate

IA2112RA12 - High yield, Yellow hila, SCN resistant, Aphid resistant

IA2113RA12 - High yield, Yellow hila, Large seed, High protein, Aphid resistant

IA1029 - High yield, Yellow hila, Large seed, High protein

IA3054RA12 - Large seed, Yellow hila, High protein, Aphid resistant

IA1030 - Large seed, Yellow hila

Soybean Variety Descriptions

| Maturity Zone | Variety | Flower | Pod | Pubescence | Hilum | Coat | Royalty per 50 lb unit planted | Large Seed | High Protein | Yellow Hilum | SCN | Aphid Resistant | Lipoxygenase Free | 1% Linolenic Acid | Low Saturates |
|--------------------|------------------|--------|-------|-------------|-----------------|--------------|--------------------------------|------------|--------------|--------------|-----|-----------------|-------------------|-------------------|---------------|
| General Use | | | | | | | | | | | | | | | |
| 1 | IA1008 | White | Tan | Gray | Yellow | Dull | \$2.25 | | | • | • | | | | |
| 1 | IA1022 | Purple | Tan | Gray | Yellow | Dull | \$3.00 | | | • | • | | | | |
| 1 | IA1026 | Purple | Brown | Tawny | Yellow | Dull | \$3.75 | | | • | • | | | • | |
| 2 | IA2069 | Purple | Brown | Tawny | Black | n/a | \$3.00 | | | | | | | | • |
| 2 | IA2079 | Purple | n/a | Tawny | Black | Intermediate | \$4.50 | | | | | | | • | |
| 2 | IA2092 | White | n/a | Light Tawny | Black | Dull | \$3.94 | | | | | | | | • |
| 2 | IA2096 | White | n/a | Tawny | Black | Dull | \$3.88 | | | | | | | • | |
| 2 | IA2100 | White | Brown | Gray | Buff | Dull | \$4.00 | | | | | | | | • |
| 2 | IA2101 | Purple | Tan | Gray | Imperfect Black | Dull | \$4.50 | | | | | | | • | |
| 2 | IA2102 | White | Tan | Gray | Yellow | Dull | \$2.75 | | | • | • | | | | |
| 2 | IA2102RA12 | White | Tan | Gray | Yellow | Dull | \$3.50 | | | • | • | • | | | |
| 2 | IA2105 | Purple | Brown | Gray | Yellow | Dull | \$3.50 | | | • | | | | | |
| 2 | IA2109 | White | Brown | Light Tawny | Gray | Dull | \$4.00 | | | | | | | | • |
| 2 | IA2110 - NEW | Purple | Brown | Gray | Imperfect Black | Dull | TBD | | | | | | | | • |
| 2 | IA2111 - NEW | White | Brown | Light Tawny | Black | Dull | TBD | | | | | | | | • |
| 2 | IA2112RA12 - NEW | White | Tan | Gray | Yellow | Dull | TBD | | | • | • | • | | | |
| 3 | IA3023 | White | Tan | Light Tawny | Black | Dull | \$2.25 | | | | | | | | |
| 3 | IA3043 | Purple | Brown | Tawny | Brown | Dull | \$4.50 | | | | | | | • | |
| 3 | IA3048 | White | Brown | Gray | Yellow | Dull | \$3.00 | | | • | • | | | | |
| 3 | IA3050 | Purple | Tan | Tawny | Brown | Dull | \$4.50 | | | | | | | • | |
| 3 | IA3052 | White | Tan | Gray | Yellow | Dull | \$3.50 | | | • | | | | | |
| 3 | IA3055 - NEW | White | Brown | Light Tawny | Brown | | | | | | | | | | |
| 1.9 | IAR1902SCN | Purple | Tan | Gray | Buff | | \$3.50 | | | | • | | | | |
| 2.6 | IAR2601SCN | Purple | Tan | Tawny | Brown | | TBD | | | | • | | | | |

Soybean Variety Descriptions

| Maturity Zone | Variety | Flower | Pod | Pubescence | Hilum | Coat | Royalty per 50 lb unit planted | Large Seed | High Protein | Yellow Hilum | SCN | Aphid Resistant | Lipoxygenase Free | 1% Linolenic Acid | Low Saturates |
|---------------------------------|------------------|--------|-------|-------------|--------|-------|--------------------------------|------------|--------------|--------------|-----|-----------------|-------------------|-------------------|---------------|
| High Protein, Large Seed | | | | | | | | | | | | | | | |
| 1 | IA1018 | Purple | Tan | Light Tawny | Yellow | Shiny | \$2.50 | • | • | • | | | | | |
| 1 | IA1029 - NEW | Purple | Brown | Light Tawny | Yellow | Shiny | TBD | • | • | • | | | | | |
| 2 | IA2046 | Purple | Tan | Gray | Yellow | Dull | \$2.50 | • | • | • | | | | | |
| 2 | IA2053 | Purple | Brown | Tawny | Yellow | Dull | \$2.50 | • | • | • | | | | | |
| 2 | IA2067 | Purple | Brown | Gray | Yellow | Dull | \$2.50 | • | • | • | | | | | |
| 2 | IA2103 | Purple | Brown | Tawny | Yellow | Dull | \$2.75 | • | • | • | | | | | |
| 2 | IA2104 | White | Brown | Tawny | Yellow | Dull | \$2.75 | • | • | • | | | | | |
| 2 | IA2104RA12 | White | Brown | Tawny | Yellow | Dull | \$3.50 | • | • | • | | • | | | |
| 2 | IA2104HS | White | Brown | Tawny | Yellow | Dull | \$3.50 | • | • | • | | | | | |
| 2 | IA2113RA12 - NEW | White | Tan | Tawny | Yellow | Dull | TBD | • | • | • | | • | | | |
| 3 | IA3027 | White | Tan | Gray | Yellow | Dull | \$3.00 | • | • | • | | | | | |
| 3 | IA3027RA1 | White | Tan | Gray | Yellow | Dull | \$3.25 | • | • | • | | • | | | |
| 3 | IA3027RA12 | White | Tan | Gray | Yellow | Dull | \$3.35 | • | • | • | | • | | | |
| 3 | IA3045 | White | Tan | Light Tawny | Yellow | Clear | \$2.75 | • | • | • | | | | | |
| 3 | IA3045RA12 | White | Tan | Light Tawny | Yellow | Dull | \$3.15 | • | • | • | | • | | | |
| 3 | IA3047 | White | Tan | Gray | Yellow | Dull | \$2.75 | • | • | • | | | | | |
| 3 | IA3051 | White | Brown | Gray | Yellow | Dull | \$2.75 | • | • | • | | | | | |
| 3 | IA3051RA12 | White | Brown | Gray | Yellow | Dull | \$3.50 | • | • | • | | • | | | |
| 3 | IA3051HS | White | Brown | Gray | Yellow | Dull | \$3.50 | • | • | • | | | | | |
| 3 | IA3053RA12 | White | Tan | Gray | Yellow | Dull | TBD | • | • | • | | • | | | |
| 3 | IA3054RA12 - NEW | White | Brown | Gray | Yellow | Dull | TBD | • | • | • | | • | | | |

| Large Seed | | | | | | | | | | | | | | | |
|-------------------|--------------|--------|-------|------|--------|------|--------|---|--|---|--|--|--|--|--|
| 1 | IA1010 | Purple | Brown | Gray | Yellow | Dull | \$1.65 | • | | • | | | | | |
| 2 | IA2076 | Purple | Brown | Gray | Yellow | Dull | \$1.90 | • | | • | | | | | |
| 1 | IA1030 - NEW | | | | | | | • | | • | | | | | |

Soybean Variety Descriptions

| Maturity Zone | Variety | Flower | Pod | Pubescence | Hilum | Coat | Royalty per 50 lb unit planted | Large Seed | High Protein | Yellow Hilum | SCN | Aphid Resistant | Lipoxygenase Free | 1% Linolenic Acid | Low Saturates |
|--------------------------|-----------|--------|-------|-------------|--------|-------|--------------------------------|------------|--------------|--------------|-----|-----------------|-------------------|-------------------|---------------|
| Lipoxygenase Free | | | | | | | | | | | | | | | |
| 1 | IA1008LF | Purple | Tan | Gray | Yellow | Dull | \$2.25 | | | • | • | | • | | |
| 2 | IA2053LF | Purple | Brown | Tawny | Yellow | Dull | \$2.50 | • | | • | | | • | | |
| 2 | IA2076 LF | Purple | Brown | Gray | Yellow | Dull | \$1.90 | • | | • | | | • | | |
| 2 | IA2104LF | White | Brown | Tawny | Yellow | Dull | \$2.75 | • | • | • | | | • | | |
| 3 | IA3027LF | White | Tan | Gray | Yellow | Dull | \$2.97 | • | • | • | | | • | | |
| 3 | IA3045LF | White | Tan | Light Tawny | Yellow | Clear | \$2.75 | • | • | • | | | • | | |
| 3 | IA3051LF | White | Brown | Gray | Yellow | Dull | \$2.75 | • | • | • | | | • | | |



2014 Elite Soybean Test North, Iowa State University - Ames, LuVerne, and Sioux Rapids, IA

| Entry | Yield bu/a | Group rank | Maturity date | Lodging score | Height inches | Seed weight | | Protein % | Oil % | Character |
|----------------|---------------|---------------|------------------|------------------|------------------|-------------|--------|--------------|----------|--|
| | | | | | | mg/sd | sds/lb | | | |
| IA2105 | 50.3 | 1 | 9/24 | 1.5 | 34 | 166 | 2740 | 35.0 | 18.6 | Commodity, yellow hilum |
| IA1022 | 53.2 | 3 | 9/22 | 1.9 | 33 | 183 | 2480 | 34.0 | 20.2 | SCN resistant, yellow hilum |
| IA1008 | 47.9 | 4 | 9/25 | 1.9 | 37 | 205 | 2220 | 35.9 | 18.5 | SCN resistant, yellow hilum |
| IA2102 | 54.7 | 2 | 9/29 | 2.0 | 34 | 175 | 2590 | 34.9 | 18.4 | SCN resistant, yellow hilum |
| IA2102RA12 | 57.5 | 1 | 10/3 | 2.3 | 37 | 196 | 2310 | 35.4 | 18.5 | SCN resistant, aphid, yellow hilum |
| IA1026 | 50.6 | 3 | 9/22 | 1.3 | 28 | 178 | 2550 | 35.7 | 18.7 | 1% linolenic, SCN resistant |
| IA2096 | 52.7 | 2 | 9/25 | 1.5 | 36 | 154 | 2950 | 35.6 | 18.6 | 1% linolenic |
| IA2079 | 53.8 | 1 | 9/25 | 1.6 | 33 | 182 | 2490 | 35.9 | 19.0 | 1% linolenic |
| IA1025 | 52.2 | 4 | 9/22 | 1.8 | 37 | 200 | 2270 | 35.2 | 18.8 | 7% saturates |
| IA2109 | 53.0 | 1 | 9/24 | 1.8 | 39 | 187 | 2420 | 34.4 | 19.0 | 7% saturates |
| IA2069 | 52.3 | 3 | 9/25 | 1.5 | 29 | 210 | 2160 | 34.5 | 19.4 | 7% saturates |
| IA2092 | 50.8 | 5 | 9/28 | 1.5 | 33 | 192 | 2360 | 34.1 | 19.2 | 7% saturates |
| #IA2111 | 52.6 | 2 | 10/1 | 1.8 | 37 | 194 | 2340 | 35.5 | 18.2 | 7% saturates |
| #IA1030 | 52.9 | 1 | 9/24 | 1.6 | 29 | 288 | 1580 | 35.5 | 19.3 | Large seed |
| IA1010 | 47.1 | 3 | 9/26 | 1.5 | 33 | 273 | 1660 | 36.1 | 18.9 | Large seed |
| IA2076 | 49.2 | 2 | 9/28 | 1.7 | 35 | 258 | 1760 | 36.7 | 19.1 | Large seed |
| #IA1029 | 50.6 | 4 | 9/24 | 1.9 | 32 | 221 | 2060 | 38.1 | 18.6 | High protein & large seed |
| IA1018 | 47.8 | 6 | 9/25 | 1.7 | 36 | 201 | 2260 | 37.9 | 18.2 | High protein & large seed |
| IA2053 | 44.8 | 7 | 9/27 | 2.2 | 38 | 237 | 1920 | 38.6 | 18.0 | High protein & large seed |
| IA2104 | 51.0 | 2 | 9/27 | 1.3 | 31 | 229 | 1980 | 37.1 | 18.3 | High protein & large seed |
| IA2046 | 44.0 | 8 | 9/28 | 1.9 | 35 | 256 | 1770 | 37.5 | 18.3 | High protein & large seed |
| IA2103 | 50.8 | 3 | 9/28 | 1.6 | 34 | 249 | 1830 | 36.9 | 18.4 | High protein & large seed |
| IA2104RA12 | 51.1 | 1 | 9/29 | 1.6 | 33 | 225 | 2020 | 36.5 | 18.4 | High protein & large seed, aphid resistant |
| IA2104HS | 48.7 | 5 | 10/1 | 1.7 | 35 | 213 | 2130 | 37.8 | 18.3 | High protein & large seed, high sucrose |
| IA2053LF | 46.2 | 3 | 9/26 | 2.1 | 37 | 219 | 2070 | 37.9 | 18.4 | Lipo-Free, high protein & large seed |
| IA1008LF | 48.6 | 2 | 9/27 | 1.9 | 39 | 210 | 2160 | 35.8 | 18.8 | Lipo-Free, SCN resistant |
| IA2104LF | 50.0 | 1 | 9/28 | 1.5 | 34 | 233 | 1950 | 37.2 | 18.3 | Lipo-Free, high protein & large seed |

#Breeder seed produced in 2014.

Yield: Bushels/acre at 13% moisture

Maturity: Month/Day

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: Julie JG Minot, Iowa State University Research Foundation, Inc

Phone: 515-294-9442; Fax: 515-294-0778; E-Mail: jjgus@iastate.edu; Website <http://www.cad.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.

2014 Elite Soybean Test North, Iowa State University

Two-Year Means

| Entry | Yield bu/a | Group rank | Maturity date | Lodging score | Height inches | Seed weight | | Protein % | Oil % | Character |
|----------------|---------------|---------------|------------------|------------------|------------------|-------------|--------|--------------|----------|--------------------------------------|
| | | | | | | mg/sd | sds/lb | | | |
| IA2105 | 51.4 | 1 | 9/23 | 1.6 | 32 | 161 | 2820 | 34.9 | 18.9 | Commodity, yellow hilum |
| IA1022 | 50.3 | 2 | 9/20 | 1.9 | 31 | 170 | 2680 | 33.8 | 20.6 | SCN resistant, yellow hilum |
| IA1008 | 46.3 | 3 | 9/24 | 1.8 | 37 | 195 | 2340 | 35.5 | 19.0 | SCN resistant, yellow hilum |
| IA2102 | 54.8 | 1 | 9/26 | 2.0 | 33 | 167 | 2720 | 34.8 | 19.1 | SCN resistant, yellow hilum |
| IA1026 | 48.3 | 3 | 9/19 | 1.3 | 25 | 170 | 2690 | 36.1 | 19.0 | 1% linolenic, SCN resistant |
| IA2096 | 51.3 | 1 | 9/23 | 1.6 | 34 | 151 | 3010 | 35.5 | 19.0 | 1% linolenic |
| IA2079 | 50.7 | 2 | 9/25 | 1.6 | 31 | 171 | 2670 | 35.6 | 19.3 | 1% linolenic |
| IA1025 | 51.0 | 2 | 9/20 | 1.7 | 35 | 189 | 2410 | 35.6 | 18.8 | 7% saturates |
| IA2069 | 48.0 | 4 | 9/21 | 1.3 | 27 | 190 | 2410 | 34.8 | 19.5 | 7% saturates |
| IA2109 | 52.3 | 1 | 9/22 | 1.8 | 35 | 179 | 2540 | 34.5 | 19.2 | 7% saturates |
| IA2092 | 48.1 | 3 | 9/26 | 1.5 | 31 | 177 | 2580 | 34.2 | 19.6 | 7% saturates |
| #IA1030 | 51.4 | 1 | 9/21 | 1.6 | 27 | 282 | 1610 | 35.4 | 19.6 | Large seed |
| IA1010 | 44.4 | 3 | 9/24 | 1.6 | 30 | 269 | 1690 | 36.0 | 19.2 | Large seed |
| IA2076 | 48.8 | 2 | 9/24 | 1.8 | 33 | 258 | 1760 | 36.3 | 19.3 | Large seed |
| #IA1029 | 48.9 | 3 | 9/20 | 1.9 | 31 | 213 | 2140 | 38.0 | 18.8 | High protein & large seed |
| IA1018 | 46.8 | 4 | 9/22 | 1.9 | 33 | 195 | 2340 | 37.9 | 18.4 | High protein & large seed |
| IA2104 | 50.8 | 2 | 9/25 | 1.3 | 30 | 221 | 2060 | 37.3 | 18.6 | High protein & large seed |
| IA2046 | 46.4 | 5 | 9/25 | 2.0 | 34 | 257 | 1770 | 37.3 | 18.6 | High protein & large seed |
| IA2053 | 46.1 | 6 | 9/26 | 2.1 | 35 | 225 | 2020 | 38.4 | 18.3 | High protein & large seed |
| IA2103 | 51.0 | 1 | 9/26 | 1.6 | 32 | 238 | 1920 | 37.3 | 18.6 | High protein & large seed |
| IA2053LF | 47.1 | 1 | 9/23 | 2.0 | 35 | 216 | 2100 | 37.9 | 18.5 | Lipo-Free, high protein & large seed |
| IA1008LF | 46.8 | 2 | 9/24 | 1.8 | 37 | 199 | 2290 | 35.7 | 19.1 | Lipo-Free, SCN resistant |

#Breeder seed produced in 2014.

Yield: Bushels/acre at 13% moisture

Maturity: Month/Day

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

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Phone: 515-294-9442; Fax: 515-294-0778; E-Mail: jjgus@iastate.edu; Website <http://www.cad.iastate.edu/>

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**2014 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 | Protein sds/lb | Oil % | Character |
|----------------|---------------|---------------|------------------|------------------|------------------|----------------------|-------------------|----------|---|
| IA2105 | 50.3 | 1 | 9/18 | 1.6 | 32 | 158 | 2870 | 34.7 | 19.0 Commodity, yellow hilum |
| IA1022 | 51.0 | 2 | 9/14 | 2.0 | 31 | 165 | 2763 | 33.2 | 20.5 SCN resistant, yellow hilum |
| IA1008 | 47.1 | 3 | 9/17 | 2.0 | 37 | 186 | 2463 | 35.1 | 19.2 SCN resistant, yellow hilum |
| IA2102 | 55.2 | 1 | 9/20 | 2.4 | 33 | 165 | 2753 | 34.8 | 18.9 SCN resistant, yellow hilum |
| IA1026 | 49.4 | 1 | 9/13 | 1.4 | 26 | 165 | 2757 | 36.1 | 19.2 1% linolenic, SCN resistant |
| IA2096 | 48.2 | 3 | 9/17 | 1.8 | 33 | 148 | 3070 | 35.2 | 19.1 1% linolenic |
| IA2079 | 48.9 | 2 | 9/19 | 1.6 | 30 | 167 | 2730 | 35.3 | 19.2 1% linolenic |
| IA1025 | 49.9 | 2 | 9/15 | 1.8 | 35 | 183 | 2483 | 35.5 | 18.8 7% saturates |
| IA2069 | 46.2 | 4 | 9/16 | 1.4 | 27 | 181 | 2543 | 34.6 | 19.2 7% saturates |
| IA2109 | 53.6 | 1 | 9/17 | 1.9 | 35 | 172 | 2650 | 34.2 | 19.1 7% saturates |
| IA2092 | 47.3 | 3 | 9/20 | 1.6 | 32 | 170 | 2700 | 34.1 | 19.2 7% saturates |
| #IA1030 | 49.7 | 1 | 9/16 | 1.9 | 27 | 272 | 1670 | 35.0 | 19.4 Large seed |
| IA1010 | 43.1 | 3 | 9/17 | 1.6 | 30 | 262 | 1737 | 35.8 | 18.7 Large seed |
| IA2076 | 47.0 | 2 | 9/17 | 2.0 | 32 | 253 | 1793 | 35.8 | 19.0 Large seed |
| IA1018 | 44.7 | 4 | 9/17 | 2.0 | 33 | 189 | 2403 | 37.4 | 19.3 High protein & large seed |
| IA2046 | 45.4 | 5 | 9/19 | 2.0 | 32 | 250 | 1820 | 37.0 | 19.1 High protein & large seed |
| IA2104 | 48.9 | 2 | 9/19 | 1.5 | 30 | 217 | 2090 | 37.1 | 18.6 High protein & large seed |
| IA2053 | 44.8 | 3 | 9/21 | 2.1 | 34 | 221 | 2057 | 38.2 | 18.3 High protein & large seed |
| IA2103 | 49.2 | 1 | 9/21 | 1.7 | 32 | 235 | 1937 | 37.3 | 18.7 High protein & large seed |
| IA1008LF | 47.4 | 1 | 9/17 | 1.9 | 37 | 189 | 2413 | 35.3 | 19.2 Lipo-Free, SCN resistant |
| IA2053LF | 46.2 | 2 | 9/18 | 2.1 | 34 | 211 | 2150 | 37.8 | 18.5 Lipo-Free, high protein & large seed |

#Breeder seed produced in 2014.

Yield: Bushels/acre at 13% moisture

Maturity: Month/Day

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

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Phone: 515-294-9442; Fax: 515-294-0778; E-Mail: jjgus@iastate.edu; Website <http://www.cad.iastate.edu/>

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**2014 Elite Soybean Test Central Iowa State University
Ames, Missouri Valley, and Walker, IA**

| Entry | Yield | Group | Maturity | Lodging | Height | Seed weight | | Protein | Oil | Character |
|--------------------|-------|-------|----------|---------|--------|-------------|--------|---------|------|--|
| | bu/a | rank | date | score | inches | mg/sd | sds/lb | % | % | |
| IA2105 | 50.3 | 1 | 9/21 | 2.5 | 32 | 163 | 2790 | 35.3 | 18.7 | Commodity, yellow hilum |
| IA1022 | 47.9 | 4 | 9/19 | 1.8 | 30 | 165 | 2750 | 34.1 | 20.4 | SCN resistant, yellow hilum |
| IA2102 | 62.6 | 3 | 9/23 | 2.8 | 34 | 177 | 2560 | 35.1 | 18.8 | SCN resistant, yellow hilum |
| #IA2112RA12 | 65.2 | 2 | 9/24 | 2.8 | 32 | 178 | 2540 | 35.7 | 18.6 | SCN resistant, aphid resistant, yellow hilum |
| IA2102RA12 | 69.9 | 1 | 9/27 | 2.8 | 35 | 193 | 2350 | 36.0 | 18.4 | SCN resistant, aphid resistant, yellow hilum |
| IA1026 | 42.9 | 5 | 9/17 | 2.0 | 31 | 167 | 2720 | 35.9 | 18.6 | 1% linolenic, SCN resistant |
| IA2079 | 55.8 | 1 | 9/23 | 2.0 | 28 | 181 | 2500 | 36.4 | 18.6 | 1% linolenic |
| IA2101 | 52.6 | 3 | 9/24 | 2.8 | 33 | 168 | 2700 | 35.8 | 18.0 | 1% linolenic |
| †IA3055 | 55.5 | 2 | 9/26 | 2.0 | 32 | 137 | 3310 | 35.6 | 18.2 | 1% linolenic |
| IA3024 | 48.5 | 4 | 9/26 | 2.3 | 30 | 165 | 2750 | 31.1 | 17.3 | 1% linolenic |
| IA2109 | 57.2 | 4 | 9/18 | 2.5 | 32 | 175 | 2590 | 34.7 | 19.3 | 7% saturates |
| IA2099 | 51.5 | 5 | 9/22 | 2.8 | 31 | 174 | 2610 | 35.3 | 18.7 | 7% saturates |
| IA2100 | 61.6 | 2 | 9/24 | 2.5 | 32 | 177 | 2570 | 34.6 | 19.3 | 7% saturates |
| #IA2110 | 58.4 | 3 | 9/25 | 2.5 | 32 | 176 | 2580 | 35.0 | 19.5 | 7% saturates |
| ZFS 291 | 40.1 | 6 | 9/25 | 2.5 | 29 | 172 | 2640 | 34.6 | 19.5 | 7% saturates |
| #IA2111 | 68.0 | 1 | 9/26 | 2.5 | 33 | 191 | 2380 | 35.8 | 18.4 | 7% saturates |
| #IA1030 | 48.3 | 2 | 9/19 | 1.8 | 28 | 264 | 1720 | 35.2 | 19.6 | Large seed |
| IA2076 | 48.6 | 1 | 9/19 | 2.0 | 29 | 255 | 1780 | 36.6 | 19.1 | Large seed |

†Foundation seed produced in 2014.

#Breeder seed produced in 2014.

Yield: Bushels/acre at 13% moisture

Maturity: Month/Day

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: Julie JG Minot, Iowa State University Research Foundation, Inc

Phone: 515-294-9442; Fax: 515-294-0778; E-Mail: jjgus@iastate.edu; Website <http://www.cad.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.

2014 Elite Soybean Test Central Iowa State University - Ames, Missouri Valley, and Walker, IA

| Entry | Yield | Group | Maturity | Lodging | Height | Seed weight | Protein | Oil | Character |
|-------------|-------|-------|----------|---------|--------|-------------|---------|------|---|
| | bu/a | rank | date | score | inches | mg/sd | sds/lb | % | % |
| #IA1029 | 45.5 | 18 | 9/19 | 2.0 | 27 | 204 | 2230 | 38.5 | 18.4 High protein & large seed |
| #IA2113RA12 | 55.0 | 3 | 9/20 | 1.8 | 30 | 214 | 2120 | 36.2 | 18.7 High protein & large seed, aphid resistant |
| IA2103 | 48.0 | 15 | 9/21 | 1.5 | 29 | 220 | 2070 | 36.9 | 18.9 High protein & large seed |
| IA2104 | 51.2 | 9 | 9/21 | 1.8 | 32 | 225 | 2020 | 37.4 | 18.5 High protein & large seed |
| #IA3054RA12 | 57.5 | 1 | 9/21 | 2.0 | 29 | 208 | 2180 | 38.0 | 17.9 High protein & large seed, aphid resistant |
| IA3027 | 44.3 | 19 | 9/22 | 1.8 | 31 | 190 | 2390 | 38.2 | 17.7 High protein & large seed |
| IA2067 | 46.5 | 17 | 9/22 | 2.0 | 32 | 231 | 1970 | 37.9 | 18.6 High protein & large seed |
| IA3053RA12 | 50.2 | 12 | 9/23 | 2.0 | 33 | 205 | 2220 | 38.3 | 17.7 High protein & large seed |
| IA2104RA12 | 53.6 | 6 | 9/23 | 1.8 | 29 | 209 | 2170 | 36.4 | 18.8 High protein & large seed |
| IA3047 | 56.1 | 2 | 9/23 | 2.8 | 32 | 212 | 2140 | 38.0 | 18.1 High protein & large seed |
| IA3051HS | 48.5 | 14 | 9/24 | 1.8 | 33 | 185 | 2450 | 38.8 | 17.7 High protein & large seed, high sucrose |
| IA2104HS | 50.3 | 11 | 9/24 | 1.8 | 29 | 200 | 2270 | 37.7 | 18.7 High protein & large seed, high sucrose |
| IA2053 | 52.7 | 7 | 9/24 | 2.3 | 36 | 226 | 2010 | 38.6 | 17.9 High protein & large seed |
| IA3051 | 53.7 | 5 | 9/24 | 2.0 | 32 | 190 | 2390 | 38.4 | 17.6 High protein & large seed |
| IA3051RA12 | 53.9 | 4 | 9/25 | 2.0 | 33 | 195 | 2330 | 37.8 | 18.1 High protein & large seed, aphid resistant |
| IA3027RA12 | 47.4 | 16 | 9/27 | 2.0 | 29 | 208 | 2180 | 37.9 | 18.0 High protein & large seed, aphid resistant |
| IA3027RA1 | 49.6 | 13 | 9/27 | 2.8 | 34 | 211 | 2160 | 37.9 | 17.5 High protein & large seed, aphid resistant |
| IA3045RA12 | 50.6 | 10 | 9/29 | 2.3 | 35 | 207 | 2190 | 39.0 | 17.2 High protein & large seed, aphid resistant |
| IA3045 | 52.0 | 8 | 9/29 | 2.5 | 36 | 208 | 2180 | 38.7 | 17.5 High protein & large seed |
| IA2076LF | 45.9 | 6 | 9/21 | 2.3 | 32 | 253 | 1790 | 36.8 | 18.9 Lipo-Free, large seed |
| IA2053LF | 52.5 | 2 | 9/22 | 2.8 | 33 | 209 | 2170 | 38.3 | 18.0 Lipo-Free, high protein & large seed |
| IA2104LF | 51.4 | 3 | 9/22 | 1.8 | 30 | 206 | 2200 | 37.0 | 18.6 Lipo-Free, high protein & large seed |
| IA3051LF | 49.2 | 4 | 9/24 | 2.3 | 33 | 191 | 2380 | 39.2 | 17.7 Lipo-Free, high protein & large seed |
| IA3027LF | 47.9 | 5 | 9/25 | 1.5 | 34 | 228 | 1990 | 38.4 | 17.6 Lipo-Free, high protein & large seed |
| IA3045LF | 53.5 | 1 | 9/27 | 2.3 | 35 | 196 | 2310 | 39.1 | 17.7 Lipo-Free, high protein & large seed |

†Foundation seed produced in 2014.

#Breeder seed produced in 2014.

Yield: Bushels/acre at 13% moisture

Maturity: Month/Day

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

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2014 Elite Soybean Test Central Iowa State University

Two-Year Means

| Entry | Yield | Group | Maturity | Lodging | Height | Seed weight | Protein | Oil | Character | |
|------------|-------|-------|----------|---------|--------|-------------|---------|------|-----------|--|
| | bu/a | rank | date | score | inches | mg/sd | sds/lb | % | % | |
| IA2105 | 47.9 | 1 | 9/18 | 2.0 | 30 | 155 | 2930 | 35.2 | 18.9 | Commodity, yellow hilum |
| IA1022 | 44.5 | 2 | 9/16 | 1.8 | 29 | 159 | 2860 | 33.8 | 20.7 | SCN resistant, yellow hilum |
| IA2102 | 55.4 | 1 | 9/21 | 2.5 | 33 | 165 | 2770 | 34.9 | 19.3 | SCN resistant, yellow hilum |
| IA1026 | 41.7 | 3 | 9/15 | 1.7 | 27 | 156 | 2920 | 36.1 | 19.0 | 1% linolenic, SCN resistant |
| IA2079 | 47.8 | 4 | 9/20 | 1.8 | 28 | 167 | 2750 | 35.8 | 19.2 | 1% linolenic |
| IA2101 | 48.5 | 2 | 9/23 | 2.2 | 33 | 168 | 2710 | 35.5 | 18.5 | 1% linolenic |
| IA3024 | 48.4 | 3 | 9/26 | 2.0 | 32 | 161 | 2820 | 32.4 | 18.7 | 1% linolenic |
| †IA3055 | 50.2 | 1 | 9/27 | 1.7 | 31 | 140 | 3240 | 35.0 | 18.8 | 1% linolenic |
| IA2109 | 52.9 | 4 | 9/17 | 2.1 | 32 | 171 | 2660 | 34.6 | 19.4 | 7% saturates |
| IA2099 | 47.8 | 5 | 9/20 | 2.1 | 30 | 164 | 2780 | 34.9 | 19.2 | 7% saturates |
| #IA2111 | 57.1 | 1 | 9/22 | 2.0 | 32 | 173 | 2660 | 36.0 | 18.7 | 7% saturates |
| #IA2110 | 53.4 | 3 | 9/23 | 2.1 | 31 | 167 | 2720 | 35.3 | 19.7 | 7% saturates |
| IA2100 | 53.6 | 2 | 9/23 | 2.1 | 29 | 162 | 2830 | 34.6 | 19.6 | 7% saturates |
| ZFS 291 | 41.8 | 6 | 9/25 | 2.1 | 31 | 167 | 2730 | 34.8 | 19.8 | 7% saturates |
| IA2076 | 45.8 | 1 | 9/18 | 1.8 | 29 | 252 | 1800 | 36.5 | 19.3 | Large seed |
| IA2104 | 46.7 | 7 | 9/19 | 1.5 | 29 | 206 | 2220 | 37.6 | 18.6 | High protein & large seed |
| IA2053 | 48.1 | 3 | 9/20 | 2.0 | 34 | 217 | 2090 | 38.7 | 18.1 | High protein & large seed |
| IA2067 | 42.7 | 11 | 9/20 | 1.8 | 31 | 223 | 2040 | 38.2 | 18.7 | High protein & large seed |
| IA2103 | 46.8 | 6 | 9/21 | 1.5 | 29 | 215 | 2110 | 37.3 | 18.8 | High protein & large seed |
| IA3051 | 50.9 | 1 | 9/22 | 1.8 | 32 | 188 | 2420 | 38.6 | 17.9 | High protein & large seed |
| IA3047 | 50.6 | 2 | 9/22 | 2.3 | 32 | 209 | 2170 | 37.9 | 18.4 | High protein & large seed |
| IA3027 | 45.2 | 10 | 9/22 | 1.8 | 31 | 197 | 2300 | 38.1 | 18.1 | High protein & large seed |
| IA3027RA1 | 45.7 | 9 | 9/25 | 2.1 | 32 | 203 | 2250 | 38.1 | 17.9 | High protein & large seed, aphid resistant |
| IA3027RA12 | 47.1 | 5 | 9/26 | 1.8 | 30 | 210 | 2170 | 37.9 | 18.3 | High protein & large seed, aphid resistant |
| IA3045 | 47.5 | 4 | 9/27 | 2.3 | 36 | 198 | 2300 | 38.8 | 17.7 | High protein & large seed |
| IA3045RA12 | 46.3 | 8 | 9/27 | 2.0 | 33 | 199 | 2290 | 38.8 | 17.7 | High protein & large seed, aphid resistant |
| IA2076LF | 43.8 | 4 | 9/17 | 2.0 | 30 | 245 | 1860 | 36.4 | 19.3 | Lipo-Free, large seed |
| IA2053LF | 47.8 | 2 | 9/19 | 2.3 | 32 | 208 | 2190 | 38.2 | 18.3 | Lipo-Free, high protein & large seed |
| IA3027LF | 46.8 | 3 | 9/25 | 1.7 | 33 | 215 | 2130 | 38.2 | 18.1 | Lipo-Free, high protein & large seed |
| IA3045LF | 51.2 | 1 | 9/27 | 2.2 | 36 | 199 | 2280 | 39.0 | 18.1 | Lipo-Free, high protein & large seed |

†Foundation seed produced in 2014.

#Breeder seed produced in 2014.

Yield: Bushels/acre at 13% moisture

Maturity: Month/Day

Protein and oil: 13%-moisture basis

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.

2014 Elite Soybean Test Central Iowa State University

Three-Year Means

| Entry | Yield | Group | Maturity | Lodging | Height | Seed weight | | Protein | Oil | Character |
|------------|-------|-------|----------|---------|--------|-------------|--------|---------|------|--|
| | bu/a | rank | date | score | inches | mg/sd | sds/lb | % | % | |
| IA2105 | 48.6 | 1 | 9/15 | 1.9 | 31 | 155 | 2930 | 34.8 | 18.9 | Commodity, yellow hilum |
| IA1022 | 46.8 | 2 | 9/13 | 2.0 | 31 | 156 | 2910 | 33.3 | 20.8 | SCN resistant, yellow hilum |
| IA2102 | 56.1 | 1 | 9/18 | 2.7 | 34 | 164 | 2770 | 34.8 | 19.3 | SCN resistant, yellow hilum |
| IA1026 | 44.0 | 3 | 9/12 | 1.7 | 27 | 155 | 2940 | 36.1 | 19.0 | 1% linolenic, SCN resistant |
| IA2079 | 47.4 | 4 | 9/16 | 1.8 | 29 | 163 | 2800 | 35.4 | 19.4 | 1% linolenic |
| IA2101 | 49.4 | 3 | 9/20 | 2.0 | 34 | 170 | 2670 | 35.0 | 18.6 | 1% linolenic |
| †IA3055 | 52.2 | 1 | 9/24 | 1.9 | 32 | 143 | 3180 | 34.6 | 19.0 | 1% linolenic |
| IA3024 | 49.9 | 2 | 9/24 | 2.1 | 34 | 162 | 2810 | 32.5 | 19.1 | 1% linolenic |
| IA2099 | 47.7 | 4 | 9/18 | 2.0 | 30 | 162 | 2810 | 34.6 | 19.0 | 7% saturates |
| #IA2111 | 57.3 | 1 | 9/19 | 2.0 | 33 | 168 | 2730 | 35.7 | 18.7 | 7% saturates |
| IA2100 | 53.1 | 3 | 9/20 | 2.0 | 31 | 154 | 2990 | 34.4 | 19.5 | 7% saturates |
| #IA2110 | 53.8 | 2 | 9/20 | 2.1 | 33 | 164 | 2770 | 35.3 | 19.5 | 7% saturates |
| ZFS 291 | 43.1 | 5 | 9/22 | 2.1 | 34 | 162 | 2800 | 34.4 | 19.8 | 7% saturates |
| IA2104 | 46.5 | 9 | 9/16 | 1.6 | 30 | 207 | 2210 | 37.4 | 18.6 | High protein & large seed |
| IA2067 | 43.1 | 10 | 9/17 | 1.9 | 33 | 223 | 2040 | 38.2 | 18.6 | High protein & large seed |
| IA2053 | 48.2 | 4 | 9/17 | 2.1 | 34 | 214 | 2130 | 38.3 | 18.1 | High protein & large seed |
| IA2103 | 47.5 | 7 | 9/18 | 1.7 | 31 | 217 | 2090 | 37.2 | 18.7 | High protein & large seed |
| IA3047 | 50.0 | 2 | 9/18 | 2.4 | 34 | 207 | 2200 | 37.6 | 18.3 | High protein & large seed |
| IA3027 | 47.7 | 5 | 9/19 | 1.9 | 32 | 200 | 2270 | 37.7 | 18.0 | High protein & large seed |
| IA3051 | 51.0 | 1 | 9/19 | 1.9 | 33 | 190 | 2390 | 38.5 | 17.9 | High protein & large seed |
| IA3027RA1 | 47.3 | 8 | 9/22 | 2.1 | 33 | 202 | 2250 | 37.8 | 17.8 | High protein & large seed, aphid resistant |
| IA3027RA12 | 47.6 | 6 | 9/22 | 1.8 | 31 | 210 | 2160 | 37.7 | 18.2 | High protein & large seed, aphid resistant |
| IA3045 | 48.5 | 3 | 9/23 | 2.3 | 37 | 199 | 2280 | 38.3 | 17.9 | High protein & large seed |
| IA2076 | 45.2 | 1 | 9/15 | 2.0 | 30 | 247 | 1840 | 35.9 | 19.2 | Large seed |
| IA2076LF | 45.3 | 4 | 9/14 | 2.1 | 32 | 244 | 1860 | 36.1 | 19.2 | Lipo-Free, large seed |
| IA2053LF | 48.2 | 2 | 9/16 | 2.3 | 33 | 206 | 2200 | 38.0 | 18.4 | Lipo-Free, high protein & large seed |
| IA3027LF | 47.4 | 3 | 9/21 | 1.8 | 34 | 213 | 2140 | 37.8 | 18.1 | Lipo-Free, high protein & large seed |
| IA3045LF | 50.8 | 1 | 9/23 | 2.3 | 37 | 200 | 2270 | 38.5 | 18.1 | Lipo-Free, high protein & large seed |

†Foundation seed produced in 2014.

#Breeder seed produced in 2014.

Yield: Bushels/acre at 13% moisture

Maturity: Month/Day

Lodging: 1=Erect, 5= Prostrate

Protein and oil: 13%-moisture basis

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

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.

2014 Elite Soybean Test South - Ames, Batavia, Corning, and Winterset, IA

| Entry | Yield | Group | Maturity | Lodging | Height | Seed weight | | Protein | Oil | Character |
|------------|-------|-------|----------|---------|--------|-------------|--------|---------|------|--|
| | bu/a | rank | date | score | inches | mg/sd | sds/lb | % | % | |
| IA3052 | 56.8 | 1 | 9/26 | 1.9 | 32 | 194 | 2640 | 35.1 | 19.1 | General Use |
| IA3023 | 54.2 | 2 | 9/29 | 2.0 | 34 | 170 | 2560 | 33.2 | 19.5 | General Use |
| IA2102 | 55.4 | 3 | 9/23 | 2.4 | 36 | 189 | 2240 | 35.3 | 18.5 | SCN resistant |
| IA2102RA12 | 58.3 | 2 | 9/26 | 2.4 | 33 | 197 | 2340 | 35.6 | 18.5 | SCN resistant, aphid resistant |
| IA3048 | 62.3 | 1 | 10/1 | 2.2 | 36 | 178 | 2600 | 35.7 | 18.3 | SCN resistant |
| IA2101 | 52.3 | 7 | 9/24 | 1.9 | 37 | 184 | 2390 | 35.2 | 18.1 | 1% linolenic |
| IA2097 | 53.2 | 6 | 9/26 | 1.9 | 37 | 166 | 2660 | 35.0 | 18.5 | 1% linolenic |
| †IA3055 | 59.5 | 2 | 9/26 | 1.9 | 32 | 152 | 2870 | 35.3 | 18.4 | 1% linolenic |
| IA3050 | 57.4 | 3 | 9/27 | 1.7 | 33 | 196 | 2340 | 35.6 | 18.4 | 1% linolenic |
| IA3024 | 54.6 | 4 | 9/27 | 1.8 | 35 | 174 | 2440 | 34.1 | 19.2 | 1% linolenic |
| IA3043 | 54.0 | 5 | 10/2 | 2.2 | 43 | 160 | 2700 | 36.4 | 18.2 | 1% linolenic |
| IA4005 | 60.7 | 1 | 10/5 | 1.7 | 31 | 156 | 2730 | 35.3 | 18.4 | 1% linolenic |
| IA2100 | 54.2 | 2 | 9/23 | 2.0 | 31 | 180 | 2460 | 34.6 | 19.2 | 7% saturates |
| #IA2110 | 58.6 | 1 | 9/23 | 2.5 | 34 | 191 | 2460 | 36.3 | 18.6 | 7% saturates |
| IA2099 | 53.0 | 3 | 9/24 | 1.6 | 31 | 192 | 2430 | 34.6 | 18.8 | 7% saturates |
| IA3027 | 43.8 | 10 | 9/22 | 1.9 | 36 | 198 | 2240 | 37.8 | 17.7 | High protein & large seed |
| IA3047 | 49.1 | 5 | 9/24 | 2.2 | 36 | 230 | 1940 | 37.7 | 17.8 | High protein & large seed |
| IA3053RA12 | 49.2 | 4 | 9/24 | 2.3 | 34 | 219 | 1960 | 37.5 | 18.0 | High protein & large seed, aphid resistant |
| IA3051 | 52.2 | 3 | 9/24 | 1.7 | 35 | 209 | 2140 | 38.7 | 17.7 | High protein & large seed |
| IA3051HS | 52.7 | 2 | 9/24 | 1.6 | 36 | 210 | 2200 | 38.6 | 17.8 | High protein & large seed, high sucrose |
| IA3051RA12 | 56.3 | 1 | 9/26 | 1.8 | 36 | 231 | 1830 | 38.0 | 17.9 | High protein & large seed, aphid resistant |
| IA3027RA12 | 44.5 | 8 | 9/27 | 1.7 | 32 | 232 | 1980 | 37.7 | 17.8 | High protein & large seed, aphid resistant |
| IA3027RA1 | 45.3 | 7 | 9/27 | 1.6 | 36 | 221 | 2010 | 38.0 | 17.6 | High protein & large seed, aphid resistant |
| IA3045 | 44.1 | 9 | 9/30 | 2.5 | 39 | 217 | 2020 | 38.8 | 17.5 | High protein & large seed |
| IA3045RA12 | 49.1 | 6 | 10/2 | 2.1 | 36 | 223 | 2070 | 38.1 | 17.8 | High protein & large seed, aphid resistant |
| IA3051LF | 51.2 | 1 | 9/24 | 1.8 | 33 | 223 | 1990 | 38.4 | 17.8 | Lipo-Free, High protein & large seed |
| IA3027LF | 47.7 | 3 | 9/28 | 2.1 | 36 | 216 | 2130 | 38.2 | 17.6 | Lipo-Free, High protein & large seed |
| IA3045LF | 49.5 | 2 | 9/29 | 2.3 | 40 | 225 | 2020 | 38.8 | 17.8 | Lipo-Free, High protein & large seed |

†Foundation seed produced in 2014.

#Breeder seed produced in 2014.

Protein and oil: 13%-moisture basis

Maturity: Month/Day

Yield: Bushels/acre at 13% moisture

Lodging: 1=Erect, 5= Prostrate

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

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2014 Elite Soybean Test South

Two-Year Means

| Entry | Yield | Group | Maturity | Lodging | Height | Seed weight | | Protein | Oil | Character |
|------------|-------|-------|----------|---------|--------|-------------|--------|---------|------|--|
| | bu/a | rank | date | score | inches | mg/sd | sds/lb | % | % | |
| IA3052 | 52.4 | 1 | 9/24 | 1.7 | 30 | 173 | 2820 | 34.8 | 19.8 | General Use |
| IA3023 | 50.3 | 2 | 9/29 | 1.8 | 30 | 171 | 2595 | 32.8 | 20.5 | General Use |
| IA2102 | 53.4 | 1 | 9/20 | 2.1 | 32 | 176 | 2515 | 34.8 | 19.5 | SCN resistant |
| IA3048 | 52.5 | 2 | 9/28 | 2.0 | 32 | 162 | 2855 | 34.8 | 19.5 | SCN resistant |
| IA2097 | 45.3 | 7 | 9/21 | 1.7 | 31 | 158 | 2845 | 35.0 | 19.3 | 1% linolenic |
| IA2101 | 48.3 | 6 | 9/23 | 1.7 | 33 | 182 | 2455 | 35.0 | 19.0 | 1% linolenic |
| †IA3055 | 54.3 | 2 | 9/26 | 1.8 | 29 | 154 | 2895 | 34.6 | 19.5 | 1% linolenic |
| IA3024 | 52.2 | 4 | 9/27 | 1.7 | 33 | 172 | 2560 | 33.8 | 20.1 | 1% linolenic |
| IA3050 | 53.3 | 3 | 9/27 | 1.6 | 31 | 183 | 2500 | 35.6 | 19.2 | 1% linolenic |
| IA3043 | 51.9 | 5 | 9/30 | 1.9 | 38 | 160 | 2775 | 35.5 | 19.4 | 1% linolenic |
| IA4005 | 55.4 | 1 | 10/4 | 1.6 | 28 | 155 | 2845 | 34.9 | 19.3 | 1% linolenic |
| IA2099 | 47.8 | 2 | 9/21 | 1.6 | 28 | 178 | 2600 | 34.5 | 19.4 | 7% saturates |
| IA2100 | 50.8 | 1 | 9/22 | 1.8 | 28 | 168 | 2675 | 34.5 | 19.8 | 7% saturates |
| IA3027 | 45.2 | 6 | 9/21 | 1.8 | 31 | 206 | 2185 | 37.7 | 18.4 | High protein & large seed |
| IA3051 | 49.5 | 1 | 9/21 | 1.7 | 31 | 206 | 2195 | 38.5 | 18.5 | High protein & large seed |
| IA3053RA12 | 47.4 | 2 | 9/21 | 2.0 | 31 | 214 | 2060 | 37.5 | 18.7 | High protein & large seed, aphid resistant |
| IA3047 | 47.2 | 3 | 9/22 | 2.0 | 32 | 226 | 1995 | 37.5 | 18.6 | High protein & large seed |
| IA3027RA12 | 44.0 | 8 | 9/25 | 1.6 | 29 | 224 | 2035 | 37.5 | 18.6 | High protein & large seed, aphid resistant |
| IA3027RA1 | 45.0 | 7 | 9/25 | 1.6 | 31 | 214 | 2095 | 37.9 | 18.4 | High protein & large seed, aphid resistant |
| IA3045 | 46.3 | 5 | 9/26 | 2.1 | 35 | 212 | 2100 | 38.7 | 18.1 | High protein & large seed |
| IA3045RA12 | 47.0 | 4 | 9/28 | 1.9 | 32 | 214 | 2140 | 38.0 | 18.4 | High protein & large seed, aphid resistant |
| IA3027LF | 44.6 | 2 | 9/26 | 1.8 | 31 | 214 | 2140 | 37.9 | 18.6 | Lipo-Free, High protein & large seed |
| IA3045LF | 49.3 | 1 | 9/26 | 2.0 | 35 | 218 | 2090 | 38.5 | 18.5 | Lipo-Free, High protein & large seed |

†Foundation seed produced in 2014. Available for release to interested growers.

Yield: Bushels/acre at 13% moisture

Protein and oil: 13%-moisture basis

Maturity: Month/Day

Lodging: 1=Erect, 5= Prostrate

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

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**2014 Elite Soybean Test South
Three-Year Means**

| Entry | Yield bu/a | Group rank | Maturity date | Lodging score | Height inches | Seed weight mg/sd | sds/lb | Protein % | Oil % | Character |
|------------|---------------|---------------|------------------|------------------|------------------|----------------------|--------|--------------|----------|--|
| IA3052 | 52.6 | 1 | 9/23 | 1.9 | 31 | 167 | 2850 | 34.5 | 19.7 | General Use |
| IA3023 | 51.5 | 2 | 9/27 | 1.8 | 31 | 170 | 2637 | 32.6 | 20.4 | General Use |
| IA2102 | 53.0 | 1 | 9/18 | 2.3 | 33 | 173 | 2580 | 34.4 | 19.6 | SCN resistant |
| IA3048 | 53.0 | 1 | 9/26 | 2.1 | 33 | 160 | 2867 | 34.3 | 19.4 | SCN resistant |
| IA2097 | 44.8 | 7 | 9/19 | 1.7 | 32 | 157 | 2877 | 34.8 | 19.3 | 1% linolenic |
| IA2101 | 49.2 | 6 | 9/20 | 1.7 | 33 | 183 | 2457 | 34.6 | 19.0 | 1% linolenic |
| †IA3055 | 53.2 | 2 | 9/24 | 1.8 | 30 | 155 | 2890 | 34.3 | 19.4 | 1% linolenic |
| IA3024 | 52.2 | 4 | 9/24 | 1.9 | 33 | 171 | 2603 | 33.4 | 20.0 | 1% linolenic |
| IA3050 | 52.3 | 3 | 9/25 | 1.7 | 31 | 180 | 2537 | 35.4 | 19.1 | 1% linolenic |
| IA3043 | 52.1 | 5 | 9/29 | 2.2 | 39 | 162 | 2757 | 35.2 | 19.3 | 1% linolenic |
| IA4005 | 54.6 | 1 | 10/1 | 1.6 | 29 | 156 | 2850 | 34.6 | 19.2 | 1% linolenic |
| IA2099 | 47.4 | 2 | 9/19 | 1.6 | 28 | 174 | 2640 | 34.4 | 19.1 | 7% saturates |
| IA2100 | 50.7 | 1 | 9/19 | 1.9 | 29 | 161 | 2810 | 34.2 | 19.8 | 7% saturates |
| IA3027 | 45.2 | 5 | 9/18 | 1.9 | 31 | 205 | 2197 | 37.4 | 18.3 | High protein & large seed |
| IA3051 | 50.0 | 1 | 9/19 | 1.7 | 31 | 202 | 2240 | 38.4 | 18.2 | High protein & large seed |
| IA3047 | 46.4 | 3 | 9/19 | 2.1 | 33 | 220 | 2050 | 37.4 | 18.4 | High protein & large seed |
| IA3027RA12 | 43.8 | 6 | 9/22 | 1.6 | 30 | 221 | 2063 | 37.2 | 18.5 | High protein & large seed, aphid resistant |
| IA3027RA1 | 46.1 | 4 | 9/23 | 1.7 | 31 | 213 | 2120 | 37.7 | 18.2 | High protein & large seed, aphid resistant |
| IA3045 | 46.6 | 2 | 9/24 | 2.2 | 35 | 208 | 2157 | 38.2 | 18.1 | High protein & large seed |
| IA3027LF | 45.4 | 2 | 9/23 | 1.9 | 31 | 212 | 2150 | 37.5 | 18.5 | Lipo-Free, High protein & large seed |
| IA3045LF | 48.4 | 1 | 9/23 | 2.0 | 35 | 212 | 2143 | 38.2 | 18.4 | Lipo-Free, High protein & large seed |

†Foundation seed produced in 2014. Available for release to interested growers.

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:

Julie JG Minot

Phone: 515-294-9442

Iowa State University Research Foundation, Inc.

Fax: 515-294-0778

310 Lab of Mechanics

E-mail: jjgus@iastate.edu

Iowa State University, Ames, IA 50011-2131

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

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