



# 2001 Strip Plots

ISU Grain Quality Laboratory

## Results: Lee County Corn Strip Plot

Hybrids are listed in order from highest to lowest yield.

| Strip Number                    | Company | Hybrid | Yield ( Bu. / A. ) | Value <sup>1</sup> ( \$ / A. ) | Test Wt. <sup>2</sup> ( lb. / Bu. ) | Field Moisture <sup>2</sup> (%) | Protein (%) | Oil (%)    | Starch (%)  | Density ( g. / cc ) | EPVBF <sup>3</sup> ( \$ / Bu. ) |
|---------------------------------|---------|--------|--------------------|--------------------------------|-------------------------------------|---------------------------------|-------------|------------|-------------|---------------------|---------------------------------|
| <b>Long Term Iowa Averages:</b> |         |        |                    |                                |                                     |                                 | <b>8.0</b>  | <b>3.6</b> | <b>60.0</b> | <b>1.27</b>         |                                 |
| 8                               | Asgrow  | Rx634  | 169.9              | \$304.92                       | 58.8                                | 16.3                            | 7.3         | 3.5        | 61.2        | 1.30                | \$1.78                          |
| 7                               | Asgrow  | Rx634  | 168.0              | \$301.85                       | 59.3                                | 16.2                            | 7.1         | 3.5        | 61.2        | 1.28                | \$1.77                          |
| 1                               | Asgrow  | Rx634  | 160.5              | \$285.71                       | 58.9                                | 16.8                            | 6.9         | 3.6        | 61.3        | 1.29                | \$1.77                          |
| 4                               | Asgrow  | Rx708  | 153.3              | \$278.81                       | 58.9                                | 15.4                            | 7.5         | 3.4        | 61.1        | 1.29                | \$1.78                          |
| 9                               | Asgrow  | Rx708  | 152.0              | \$274.88                       | 59.3                                | 15.8                            | 7.6         | 3.5        | 61.1        | 1.27                | \$1.80                          |
| 6                               | Asgrow  | Rx708  | 151.2              | \$276.30                       | 59.7                                | 15.1                            | 7.7         | 3.2        | 61.4        | 1.30                | \$1.78                          |
| 3                               | Asgrow  | Rx634  | 148.9              | \$266.31                       | 58.5                                | 16.5                            | 7.0         | 3.5        | 61.2        | 1.29                | \$1.76                          |
| 5                               | Asgrow  | Rx708  | 148.9              | \$270.36                       | 59.0                                | 15.5                            | 7.8         | 3.2        | 60.7        | 1.29                | \$1.78                          |
| 2                               | Asgrow  | Rx708  | 145.7              | \$261.77                       | 59.0                                | 16.2                            | 7.8         | 3.4        | 60.8        | 1.29                | \$1.80                          |

|                                       |       |          |      |      |     |     |      |      |        |
|---------------------------------------|-------|----------|------|------|-----|-----|------|------|--------|
| <b>Averages<sup>4</sup></b>           | 155.4 | \$280.10 | 59.0 | 16.0 | 7.4 | 3.4 | 61.1 | 1.29 | \$1.78 |
| <b>Standard Deviation<sup>4</sup></b> | 8.7   | \$14.94  | 0.4  | 0.6  | 0.3 | 0.1 | 0.2  | 0.01 | \$0.01 |
| <b>Maximum<sup>4</sup></b>            | 169.9 | \$304.92 | 59.7 | 16.8 | 7.8 | 3.6 | 61.4 | 1.30 | \$1.80 |
| <b>Minimum<sup>4</sup></b>            | 145.7 | \$261.77 | 58.5 | 15.1 | 6.9 | 3.2 | 60.7 | 1.27 | \$1.76 |

**YIELD, PROTEIN, OIL, STARCH, TEST WEIGHT AND DENSITY BASIS 15% MOISTURE.**

**VALUE IS GROSS REVENUE PER ACRE MINUS 2.75 CENTS/BU/PT. FOR DRYING.**

**DENSITY IS A MEASURE OF KERNEL HARDNESS.**

### Ingredient Prices for EPVBF

|                           |      |
|---------------------------|------|
| Corn ( \$ / bu. )         | 1.83 |
| White Grease ( \$ / lb. ) | 0.15 |
| DDG ( \$ / ton )          | 101  |
| 48% Soy Meal ( \$ / ton ) | 148  |

<sup>1</sup> Value is determined by the current price for corn (\$1.83) and a drying charge.

<sup>2</sup> Reported moisture content and test weight data were provided by the participating plot operator.

<sup>3</sup> EPVBF is the Estimated Processed Value per Bushel to be used for Feed. It is determined by grain quality and the current market price for feed ingredients.

<sup>4</sup> Averages, Standard Deviation, Maximum, and Minimum values were calculated from plot final results.