



# 2006 Strip Plots

ISU Grain Quality Laboratory

## Results: Collins-Maxwell FFA

Hybrids are listed in order from highest to lowest

| Company                               | Hybrid         | Yield<br>(Bu. / A.) | Value <sup>1</sup><br>(\$ / A.) | Test Wt. <sup>2</sup><br>(lb. / Bu.) | Field Moisture <sup>2</sup><br>(%) | Protein<br>(%) | Oil<br>(%)  | Starch<br>(%) | Density<br>(g. / cc) | EPVBF <sup>3</sup><br>(\$ / Bu.) |        |
|---------------------------------------|----------------|---------------------|---------------------------------|--------------------------------------|------------------------------------|----------------|-------------|---------------|----------------------|----------------------------------|--------|
| <b>Long Term Iowa Averages:</b>       |                |                     |                                 |                                      | <b>8.0</b>                         | <b>3.6</b>     | <b>60.0</b> | <b>1.27</b>   |                      |                                  |        |
| Pfister Hybrids                       | 3356T          | 200.3               | 598.34                          | 51                                   | 23.1                               | 6.6            | 3.5         | 60.5          | 1.25                 | \$3.13                           |        |
|                                       | NC+            | 4948RBD             | 199.3                           | 616.67                               | 58.1                               | 19.2           | 7           | 61.2          | 1.27                 | \$3.14                           |        |
| Pfister Hybrids                       | 3356T          | 195                 | 582.63                          | 53                                   | 23.1                               | 6.8            | 3.4         | 60.2          | 1.27                 | \$3.13                           |        |
| Asgrow                                | RX752RR2/YGCB  | 195                 | 608.79                          | 57.8                                 | 18.2                               | 7.8            | 4           | 59.2          | 1.25                 | \$3.24                           |        |
| Pfister Hybrids                       | 3356T          | 194.2               | 584.87                          | 52.8                                 | 22.2                               | 7.5            | 3.7         | 60.7          | 1.28                 | \$3.19                           |        |
| Ottillie Ro                           | 5477RR/YGCB    | 193.6               | 586.34                          | 58.7                                 | 21.6                               | 7.8            | 3.9         | 60.1          | 1.29                 | \$3.23                           |        |
|                                       | NC+            | 5221R               | 193.3                           | 607.78                               | 58.6                               | 17.4           | 6.8         | 3.4           | 60.8                 | 1.25                             | \$3.13 |
| DeKalb                                | DKC61-68       | 192.7               | 608.07                          | 58.5                                 | 17                                 | 6.7            | 3.6         | 60.8          | 1.24                 | \$3.15                           |        |
| Latham                                | LH-6447RRBTRW  | 190.2               | 582.81                          | 56.3                                 | 20.3                               | 7.3            | 3.4         | 60.7          | 1.27                 | \$3.16                           |        |
| Agsource                              | 2676           | 189.8               | 583.65                          | 57.2                                 | 19.9                               | 7.1            | 3.6         | 60.3          | 1.26                 | \$3.17                           |        |
| DeKalb                                | DKC63-39       | 188.9               | 581.05                          | 57.2                                 | 19.9                               | 6.9            | 3.5         | 60.5          | 1.26                 | \$3.15                           |        |
| Fontanelle Hybrid                     | 8K178          | 186.3               | 585.69                          | 58.6                                 | 17.4                               | 7              | 3.5         | 60.6          | 1.27                 | \$3.15                           |        |
|                                       | Crow's         | 4940 T              | 185.8                           | 571.88                               | 61.2                               | 19.8           | 7.3         | 3.6           | 60.3                 | 1.26                             | \$3.18 |
|                                       | Crow's         | 4222S               | 185.1                           | 584.53                               | 56.5                               | 16.9           | 6.4         | 3.3           | 61.9                 | 1.27                             | \$3.11 |
| Ottillie Ro                           | 5437RR/YGCB    | 185.1               | 568.58                          | 58.3                                 | 20                                 | 7.5            | 3.4         | 61            | 1.3                  | \$3.17                           |        |
| Agsource                              | 616T           | 183                 | 571.41                          | 58.8                                 | 18.2                               | 6.9            | 3.4         | 60.8          | 1.26                 | \$3.14                           |        |
| Pfister Hybrids                       | 2663           | 176.5               | 552.62                          | 60.7                                 | 17.9                               | 6.4            | 3.3         | 61.7          | 1.26                 | \$3.11                           |        |
|                                       | Pioneer        | 33N08               | 174.8                           | 541.26                               | 59                                 | 19.1           | 6.8         | 3.6           | 60.4                 | 1.25                             | \$3.15 |
|                                       | Garst          | 8489GT              | 174.5                           | 530.95                               | 58.5                               | 21.1           | 6.8         | 3.6           | 60.7                 | 1.24                             | \$3.15 |
|                                       | Rainbow        | 3135                | 174.2                           | 532.89                               | 59.4                               | 20.5           | 7.1         | 3.4           | 61.1                 | 1.29                             | \$3.15 |
| DeKalb                                | DKC60-18       | 173.2               | 540.16                          | 61.8                                 | 18.3                               | 6.7            | 3.5         | 61.3          | 1.26                 | \$3.14                           |        |
| Wyffels                               | W5066          | 171.9               | 546.19                          | 56.3                                 | 16.2                               | 7.5            | 3.4         | 60.8          | 1.26                 | \$3.17                           |        |
| Ottillie Ro                           | 4780RR/YGPL    | 170                 | 538.7                           | 57.4                                 | 16.5                               | 7.3            | 3.6         | 60.6          | 1.27                 | \$3.18                           |        |
|                                       | FS             | FS 5197 RR/YGPL     | 168.8                           | 538.75                               | 57.2                               | 15.7           | 6.8         | 3.5           | 61.3                 | 1.26                             | \$3.14 |
|                                       | Crow's         | 4351R               | 168.7                           | 528.62                               | 56.7                               | 17.8           | 6.6         | 3.4           | 61.6                 | 1.26                             | \$3.12 |
|                                       | NC+            | 3583RBD             | 168.2                           | 530.69                               | 57.5                               | 17             | 7.3         | 3.6           | 60.9                 | 1.29                             | \$3.18 |
| Ottillie Ro                           | 4666RR/YGPL    | 168.1               | 533.9                           | 56.3                                 | 16.2                               | 6.7            | 3.2         | 62            | 1.29                 | \$3.11                           |        |
| Fontanelle Hybrid                     | 8R341          | 167.8               | 517.88                          | 55.1                                 | 19.5                               | 6.6            | 3.4         | 60.6          | 1.27                 | \$3.12                           |        |
| Agsource                              | 5/8T           | 167.4               | 527.72                          | 56.5                                 | 17.1                               | 6.9            | 3.6         | 61            | 1.27                 | \$3.16                           |        |
| Latham                                | LH-5617-RRBTRW | 166.8               | 527.78                          | 56.4                                 | 16.7                               | 6.7            | 3.4         | 61.3          | 1.26                 | \$3.13                           |        |
| Pfister Hybrids                       | 2505           | 166.4               | 521.75                          | 57.7                                 | 17.7                               | 6.7            | 3.6         | 61            | 1.26                 | \$3.15                           |        |
| Pfister Hybrids                       | 2727           | 165.9               | 513.77                          | 61                                   | 19.1                               | 7.5            | 3.4         | 61            | 1.3                  | \$3.17                           |        |
|                                       | FS             | FS6297RRYGCB        | 165.2                           | 508.99                               | 56.2                               | 19.7           | 7.3         | 3.6           | 60.5                 | 1.25                             | \$3.18 |
| Rainbow                               | 3105           | 164.2               | 503.48                          | 59.3                                 | 20.2                               | 7              | 3.6         | 60.9          | 1.27                 | \$3.16                           |        |
| DeKalb                                | DKC58-73       | 163.5               | 518.45                          | 55.4                                 | 16.4                               | 6.7            | 3.6         | 60.9          | 1.26                 | \$3.15                           |        |
| Garst                                 | 8379RR         | 162.5               | 497.85                          | 58.3                                 | 20.3                               | 6.5            | 3.3         | 61.1          | 1.27                 | \$3.11                           |        |
| Pioneer                               | 35Y64          | 162                 | 512.35                          | 57.4                                 | 16.7                               | 7              | 3.2         | 62.2          | 1.31                 | \$3.13                           |        |
| NC+                                   | 3943RBD        | 161.3               | 512.32                          | 57.3                                 | 16.2                               | 6.6            | 3.5         | 61.2          | 1.26                 | \$3.13                           |        |
| Pioneer                               | 34H35          | 159.7               | 495.4                           | 61                                   | 18.9                               | 6.7            | 3.4         | 60.9          | 1.26                 | \$3.13                           |        |
| Garst                                 | 8688GT         | 159.5               | 503.52                          | 52.5                                 | 16.9                               | 6.6            | 3.4         | 61.8          | 1.28                 | \$3.12                           |        |
| Garst                                 | 8534           | 157.8               | 491.85                          | 56.9                                 | 18.4                               | 6.5            | 3.4         | 61.7          | 1.27                 | \$3.12                           |        |
| Wyffels                               | W6337          | 157.7               | 492.04                          | 55.8                                 | 18.3                               | 6.8            | 3.4         | 61.5          | 1.28                 | \$3.13                           |        |
| Pioneer                               | 33N28          | 155.6               | 483.26                          | 58                                   | 18.8                               | 6.9            | 3.3         | 61.5          | 1.29                 | \$3.13                           |        |
| Pioneer                               | 34N45          | 155.1               | 487.34                          | 56.6                                 | 17.5                               | 6.6            | 3.3         | 62.2          | 1.28                 | \$3.12                           |        |
| Rainbow                               | 3120           | 154.9               | 485.59                          | 57.7                                 | 17.7                               | 7.5            | 3.5         | 60.4          | 1.28                 | \$3.18                           |        |
| Fontanelle Hybrid                     | 7N607          | 153.8               | 489.04                          | 60.3                                 | 16.1                               | 7.5            | 3.8         | 59.7          | 1.27                 | \$3.20                           |        |
|                                       | Crow's         | 3935 T              | 153.5                           | 486.77                               | 57.4                               | 16.4           | 7.1         | 61.3          | 1.3                  | \$3.17                           |        |
|                                       | Renze          | 1234YGPL/RR         | 152.6                           | 480.88                               | 55.5                               | 17.1           | 6.7         | 3.3           | 62.2                 | 1.3                              | \$3.12 |
|                                       | Renze          | 9226YGCB/RR2        | 152.1                           | 478.5                                | 55.6                               | 17.3           | 6.9         | 3.4           | 61.1                 | 1.26                             | \$3.14 |
| Garst                                 | 8422GT         | 149.5               | 467.54                          | 57.8                                 | 18                                 | 7.3            | 3.3         | 61.1          | 1.28                 | \$3.15                           |        |
|                                       | FS             | FS 4935RR/YGRW      | 149.1                           | 471.3                                | 57.5                               | 16.8           | 6.6         | 3.4           | 61.4                 | 1.26                             | \$3.12 |
| Rainbow                               | X1056          | 148.7               | 475.16                          | 56.1                                 | 15.5                               | 6.9            | 3.3         | 61.8          | 1.27                 | \$3.13                           |        |
| Latham                                | LH5525         | 146.3               | 470.79                          | 54.9                                 | 14.7                               | 7.1            | 3.6         | 60.7          | 1.24                 | \$3.17                           |        |
| Renze                                 | 9268           | 143.9               | 452.82                          | 58.6                                 | 17.3                               | 6.6            | 3.2         | 62            | 1.28                 | \$3.11                           |        |
| Rainbow                               | 3035           | 141.2               | 448.18                          | 53.3                                 | 16.3                               | 7              | 3.5         | 61.5          | 1.28                 | \$3.15                           |        |
| NC+                                   | 3926           | 117.1               | 365.19                          | 54.8                                 | 18.3                               | 7.2            | 3.5         | 60.9          | 1.28                 | \$3.16                           |        |
| <b>Averages<sup>4</sup></b>           |                | 169.1               | \$527.24                        | 57.2                                 | 18.2                               | 7.0            | 3.5         | 61.0          | 1.27                 | \$3.15                           |        |
| <b>Standard Deviation<sup>4</sup></b> |                | 17.3                | \$49.73                         | 2.2                                  | 1.9                                | 0.4            | 0.2         | 0.6           | 0.02                 | \$0.03                           |        |

|  |       |          |      |      |     |                                    |      |      |        |
|--|-------|----------|------|------|-----|------------------------------------|------|------|--------|
| <b>Maximum<sup>4</sup></b>   | 200.3 | \$616.67 | 61.8 | 23.1 | 7.8 | 4.0                                | 62.2 | 1.31 | \$3.24 |
| <b>Minimum<sup>4</sup></b>   | 117.1 | \$365.19 | 51.0 | 14.7 | 6.4 | 3.2                                | 59.2 | 1.24 | \$3.11 |
| <b>YIELD, PROTEIN, OIL, STARCH, TEST WEIGHT AND DENSITY BASIS 15% MOISTURE.<br/>VALUE IS GROSS REVENUE PER ACRE MINUS 2.75 CENTS/BU/PT. FOR DRYING.<br/>DENSITY IS A MEASURE OF KERNEL HARDNESS.</b>   |       |          |      |      |     | <b>Ingredient Prices for EPVBF</b> |      |      |        |
| <sup>1</sup> Value is determined by the current price for corn (\$1.82) and a drying charge.<br><sup>2</sup> Field moisture content and test weight data were provided by the participating plot operator.<br><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.<br><sup>4</sup> Averages, Standard Deviation, Maximum, and Minimum values were calculated from plot final results.<br>Copyright © 1996-2006, Iowa Grain Quality Initiative, Iowa State University, Ames, Iowa. All rights reserved. |       |          |      |      |     | Corn (\$ / bu.) 3.21               |      |      |        |
|  |       |          |      |      |     | White Grease (\$ / lb.) 0.16       |      |      |        |
|  |       |          |      |      |     | DDG (\$ / ton) 85                  |      |      |        |
|  |       |          |      |      |     | 48% Soy Meal (\$ / ton) 183.6      |      |      |        |