

**2011 Soybean Test Results**  
**Region 5: Conventional (30-inch row spacing)**

| COMPANY                 | NAME*              | IST <sup>1</sup> | Yield<br>bu/a | Regional Results |         |              | Elkville<br>Yield<br>bu/a | Harrisburg<br>Yield<br>bu/a | 2 yr<br>Avg<br>Yield<br>bu/a | 3 yr<br>Avg<br>Yield<br>bu/a | Region<br>Protein<br>@13% | Region<br>Oil<br>@13% |
|-------------------------|--------------------|------------------|---------------|------------------|---------|--------------|---------------------------|-----------------------------|------------------------------|------------------------------|---------------------------|-----------------------|
|                         |                    |                  |               | Maturity<br>Date | Lodging | Height<br>in |                           |                             |                              |                              |                           |                       |
| <b>MATURITY GROUP 3</b> |                    |                  |               |                  |         |              |                           |                             |                              |                              |                           |                       |
| EXCEL                   | 6336 N*            | B                | 53.7          | 9/17             | 2.2     | 39           | 44.8                      | 62.6                        | 49.4                         |                              | 35.4                      | 19.6                  |
| EXCEL                   | 6346 N*            | B                | 52.0          | 9/13             | 2.3     | 39           | 43.0                      | 60.9                        | 48.8                         |                              | 35.4                      | 19.7                  |
| EXCEL                   | 6356 N*            | B                | 52.6          | 9/15             | 1.9     | 39           | 43.6                      | 61.6                        | 49.7                         |                              | 35.7                      | 19.3                  |
| EXCEL                   | 6365 N*            | U                | 54.8          | 9/17             | 1.8     | 39           | 43.0                      | 66.7                        | 51.6                         | 55.3                         | 35.0                      | 19.8                  |
| EXCEL                   | 6370 N*            | B                | 52.5          | 9/10             | 2.1     | 40           | 41.9                      | 63.2                        |                              |                              | 35.6                      | 19.3                  |
| EXCEL                   | 6380 N*            | B                | 53.1          | 9/15             | 2.0     | 38           | 44.5                      | 61.6                        |                              |                              | 34.7                      | 19.5                  |
| EXCEL                   | 6387 N*            | B                | 51.7          | 9/18             | 1.8     | 40           | 43.3                      | 60.0                        |                              |                              | 35.8                      | 19.0                  |
| EXCEL                   | 6389 N*            | B                | 55.3          | 9/15             | 2.1     | 37           | 45.0                      | 65.6                        |                              |                              | 34.2                      | 19.9                  |
| EXCEL                   | 6393 N*            | B                | 53.1          | 9/17             | 1.8     | 36           | 44.4                      | 61.8                        |                              |                              | 34.7                      | 19.1                  |
| FS HISOY                | HS 37L12           | B                | 54.9          | 9/19             | 2.8     | 40           | 46.6                      | 63.3                        |                              |                              | 36.4                      | 18.7                  |
| FS HISOY                | HS 39L02           | B                | 55.3          | 9/24             | 2.2     | 39           | 48.3                      | 62.3                        |                              |                              | 37.0                      | 18.1                  |
| HOFFMAN                 | H 387 N            | B                | 50.5          | 9/20             | 2.7     | 40           | 38.5                      | 62.4                        | 47.2                         | 53.4                         | 35.2                      | 18.8                  |
| PUBLIC                  | MAVERICK*          | U                | 47.1          | 9/11             | 3.1     | 44           | 38.6                      | 55.5                        | 41.4                         | 46.2                         | 35.7                      | 19.1                  |
| PUBLIC                  | WILLIAMS 82*       | U                | 39.3          | 9/16             | 2.8     | 43           | 30.4                      | 48.2                        | 36.9                         | 40.7                         | 37.4                      | 18.4                  |
|                         | AVERAGE            |                  | 51.8          | 9/16             | 2.3     | 39           | 42.6                      | 61.1                        | 46.4                         | 48.9                         | 35.6                      | 19.1                  |
|                         | L.S.D. 25% LEVEL   |                  | 2.4           |                  | 0.3     | 1            | 1.2                       | 1.5                         |                              |                              | 0.43                      | 0.36                  |
|                         | COEFF. OF VAR. (%) |                  | 6.6           |                  | 18.4    | 4            | 5.0                       | 4.3                         |                              |                              | 1.8                       | 2.7                   |
| <b>MATURITY GROUP 4</b> |                    |                  |               |                  |         |              |                           |                             |                              |                              |                           |                       |
| DYNA-GRO                | 32LL48             | B                | 45.0          | 9/28             | 1.9     | 47           | 39.0                      | 51.0                        |                              |                              | 35.3                      | 20.0                  |
| DYNA-GRO                | 38LL42             | B                | 52.7          | 9/22             | 2.3     | 43           | 45.4                      | 60.0                        |                              |                              | 35.3                      | 19.0                  |
| DYNA-GRO                | 39LL43             | B                | 51.4          | 9/28             | 2.5     | 43           | 44.3                      | 58.5                        |                              |                              | 35.5                      | 18.9                  |
| EMERGE GENETICS         | 4510S              | B                | 52.8          | 9/30             | 2.1     | 38           | 46.7                      | 58.9                        | 52.7                         |                              | 36.6                      | 19.1                  |
| EMERGE GENETICS         | e4920s             | B                | 47.5          | 10/10            | 2.2     | 41           | 42.9                      | 52.2                        |                              |                              | 36.0                      | 18.6                  |
| EXCEL                   | 6427 Nrk*          | B                | 42.2          | 9/23             | 2.2     | 42           | 33.7                      | 50.6                        | 43.1                         | 50.8                         | 34.2                      | 19.2                  |
| EXCEL                   | 6485 N             | U                | 45.8          | 9/28             | 2.8     | 48           | 36.5                      | 55.1                        |                              |                              | 34.9                      | 19.2                  |
| FS HISOY                | HS 42L02           | B                | 54.1          | 9/24             | 2.3     | 44           | 48.2                      | 60.0                        | 53.0                         |                              | 35.7                      | 18.7                  |
| FS HISOY                | HS 43L12           | B                | 51.6          | 10/1             | 2.8     | 45           | 44.4                      | 58.7                        |                              |                              | 35.8                      | 18.9                  |
| FS HISOY                | HS 48L90           | B                | 48.3          | 9/28             | 2.1     | 48           | 44.7                      | 51.9                        | 47.4                         |                              | 35.4                      | 20.0                  |
| GATEWAY                 | 447*               | U                | 48.9          | 9/27             | 2.4     | 43           | 42.3                      | 55.6                        |                              |                              | 35.7                      | 18.9                  |
| GATEWAY                 | 473*               | U                | 40.1          | 10/4             | 2.8     | 47           | 34.0                      | 46.1                        |                              |                              | 37.2                      | 17.6                  |
| GATEWAY                 | 479*               | U                | 42.8          | 10/4             | 2.8     | 46           | 33.7                      | 51.9                        |                              |                              | 35.1                      | 18.5                  |
| HOBLIT                  | 412 LL             | B                | 54.8          | 9/24             | 2.3     | 44           | 47.5                      | 62.1                        |                              |                              | 35.4                      | 19.1                  |
| HOFFMAN                 | H 421 N*           | B                | 43.5          | 9/24             | 2.1     | 42           | 38.3                      | 48.8                        |                              |                              | 33.7                      | 19.2                  |
| HOFFMAN                 | H 451 N            | B                | 47.6          | 9/30             | 2.3     | 42           | 37.9                      | 57.3                        | 49.7                         |                              | 37.5                      | 18.3                  |
| HOFFMAN                 | HL 41L10           | B                | 51.4          | 9/27             | 2.3     | 42           | 44.0                      | 58.7                        | 50.4                         |                              | 35.3                      | 19.1                  |
| HOFFMAN                 | HL 47L11           | B                | 43.5          | 10/3             | 3.0     | 48           | 36.0                      | 51.0                        |                              |                              | 35.1                      | 18.9                  |

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|-------------------|---------------------|------------------|---------------|------------------|---------|--------------|---------------------------|-----------------------------|------------------------------|------------------------------|---------------------------|-----------------------|
|                   |                     |                  |               | Maturity<br>Date | Lodging | Height<br>in |                           |                             |                              |                              |                           |                       |
|                   | *Producer Nominated |                  |               |                  |         |              |                           |                             |                              |                              |                           |                       |
| MERSCHMAN         | MACON 1249LL        | B                | 45.1          | 10/11            | 2.7     | 48           | 39.1                      | 51.0                        |                              | 35.2                         | 19.2                      |                       |
| MERSCHMAN         | MIAMI 949LL         | B                | 46.6          | 10/6             | 2.1     | 44           | 40.0                      | 53.3                        | 45.1                         | 49.1                         | 34.8                      | 18.8                  |
| MERSCHMAN         | TUCSON 1249LL       | B                | 44.7          | 10/11            | 2.5     | 47           | 37.1                      | 52.3                        |                              |                              | 35.0                      | 18.5                  |
| PUBLIC            | LS 05-3229*         | U                | 44.7          | 9/28             | 2.3     | 44           | 38.6                      | 50.8                        |                              |                              | 36.2                      | 18.9                  |
| UNISOUTH GENETICS | USG 74G99 L*        | B                | 45.9          | 10/8             | 2.1     | 43           | 39.6                      | 52.2                        |                              |                              | 34.4                      | 18.9                  |
|                   | AVERAGE             |                  | 47.3          | 9/30             | 2.4     | 44           | 40.5                      | 54.2                        | 48.7                         | 49.9                         | 35.5                      | 18.9                  |
|                   | L.S.D. 25% LEVEL    |                  | 2.4           |                  | 0.3     | 2            | 4.1                       | 2.2                         |                              |                              | 0.45                      | 0.31                  |
|                   | COEFF. OF VAR. (%)  |                  | 7.3           |                  | 16.2    | 6            | 6.1                       | 4.3                         |                              |                              | 1.9                       | 2.4                   |

**MATURITY GROUP 5**

|                   |                    |   |      |       |      |    |      |      |      |      |      |      |
|-------------------|--------------------|---|------|-------|------|----|------|------|------|------|------|------|
| DYNA-GRO          | 35P53*             | B | 42.3 | 10/15 | 3.6  | 41 | 37.9 | 46.8 |      |      | 36.3 | 17.3 |
| EAGLE             | ES 5121 RR*        | B | 41.0 | 10/13 | 3.6  | 52 | 38.3 | 43.6 |      |      | 35.8 | 17.7 |
| EXCEL             | 6538 N             | U | 49.0 | 10/9  | 2.0  | 36 | 43.0 | 55.1 | 51.4 |      | 36.7 | 18.0 |
| EXCEL             | 8512 NRR*          | U | 47.1 | 10/15 | 3.1  | 45 | 42.7 | 51.4 | 47.8 |      | 36.9 | 17.2 |
| MERSCHMAN         | DENALI 1252LL      | B | 44.9 | 10/16 | 3.8  | 41 | 38.7 | 51.1 |      |      | 36.3 | 16.9 |
| MERSCHMAN         | EVEREST 1251RR2Y   | B | 48.9 | 10/11 | 3.3  | 42 | 40.9 | 56.9 |      |      | 34.7 | 18.5 |
| MERSCHMAN         | HOOD 1150LL        | B | 44.8 | 10/16 | 2.9  | 41 | 43.4 | 46.1 |      |      | 36.2 | 18.7 |
| MERSCHMAN         | OLYMPUS 1051LL     | B | 54.8 | 10/13 | 2.4  | 35 | 49.7 | 59.8 | 51.6 | 53.1 | 35.6 | 18.8 |
| MERSCHMAN         | WHITNEY 1154LL     | B | 51.4 | 10/7  | 2.8  | 45 | 48.0 | 54.8 | 50.0 |      | 33.8 | 19.3 |
| SYNGENTA          | S51-T8 BRAND*      | B | 45.1 | 10/14 | 2.8  | 46 | 42.5 | 47.7 |      |      | 36.2 | 18.0 |
| UNISOUTH GENETICS | USG 5002 T         | B | 51.2 | 10/10 | 3.1  | 36 | 44.2 | 58.2 | 53.0 | 56.2 | 35.7 | 18.5 |
| UNISOUTH GENETICS | USG 5601 T         | B | 52.7 | 10/16 | 3.0  | 42 | 46.4 | 59.1 | 52.4 | 55.7 | 36.6 | 17.7 |
|                   | AVERAGE            |   | 47.8 | 10/13 | 3.0  | 42 | 43.0 | 52.5 | 51.0 | 55.0 | 35.9 | 18.0 |
|                   | L.S.D. 25% LEVEL   |   | 3.5  |       | 0.4  | 2  | 1.0  | 1.4  |      |      | 0.37 | 0.30 |
|                   | COEFF. OF VAR. (%) |   | 10.3 |       | 17.6 | 8  | 4.3  | 4.6  |      |      | 1.5  | 2.4  |

<sup>1</sup>IST= Insecticide Seed Treatment: U= Untreated, F= Fungicide, B= Insecticide+Fungicide, A= Acceleron

\*\*Varieties with an L (Liberty) or an R (Roundup) designation in the variety name are GMO VARIETIES.