

**NDSU Carrington Research Extension Center  
2012 Variety Trial Data**

**Soybean - Dryland, Roundup Ready Varieties** **Barnes County - Dazey (Page 1 of 3)**

| Brand         | Variety         | Mat. Group <sup>1</sup> | Pod Ht<br>cm | Plant Ht<br>inch | Days to PM | Seeds/<br>pound | Seed Oil <sup>2</sup><br>% | Seed Protein <sup>2</sup><br>% | Test Weight<br>lb/bu | ----- Seed Yield ----- |            |      |
|---------------|-----------------|-------------------------|--------------|------------------|------------|-----------------|----------------------------|--------------------------------|----------------------|------------------------|------------|------|
|               |                 |                         |              |                  |            |                 |                            |                                |                      | 2-yr. Avg.             | 3-yr. Avg. | 2012 |
| Channel       | 0605 R2         | 0.6                     | 19           | 28.3             | 107.5      | 3261            | 19.1                       | 32.2                           | 56.2                 | 60.8                   | --         | --   |
| Channel       | 0906 R2         | 0.8                     | 12           | 29.7             | 109.0      | 2918            | 19.5                       | 32.6                           | 55.3                 | 66.7                   | --         | --   |
| Dairyland     | DSR-0200/R2Y    | 0.2                     | 10           | 32.3             | 103.3      | 2417            | 19.1                       | 31.3                           | 55.9                 | 58.3                   | --         | --   |
| Dairyland     | DSR-0404/R2Y    | 0.4                     | 13           | 27.8             | 108.8      | 3037            | 19.1                       | 32.0                           | 55.8                 | 64.3                   | --         | --   |
| Dairyland     | DSR-0606-R2Y    | 0.6                     | 11           | 26.0             | 110.3      | 3486            | 19.3                       | 31.5                           | 55.5                 | 54.4                   | --         | --   |
| Dairyland     | DSR-0747/R2Y    | 0.7                     | 12           | 29.1             | 110.3      | 2919            | 19.2                       | 31.8                           | 55.8                 | 54.4                   | 58.5       | 60.2 |
| Dairyland     | DSR-0904/R2Y    | 0.8                     | 16           | 28.1             | 109.8      | 2969            | 19.5                       | 31.8                           | 55.6                 | 56.5                   | --         | --   |
| Dairyland     | DSR-1215/R2Y    | 1.2                     | 17           | 31.1             | 114.3      | 2885            | 18.6                       | 32.0                           | 54.9                 | 50.1                   | --         | --   |
| Dyna-Gro Seed | 37RY06          | 0.6                     | 14           | 27.4             | 108.8      | 3145            | 18.9                       | 32.8                           | 56.1                 | 53.4                   | 57.2       | --   |
| Dyna-Gro Seed | S08RY23         | 0.8                     | 12           | 27.8             | 110.3      | 2925            | 19.6                       | 31.8                           | 55.4                 | 59.9                   | --         | --   |
| Dyna-Gro Seed | 31RY08          | 0.8                     | 15           | 27.4             | 109.3      | 3021            | 19.1                       | 32.2                           | 55.3                 | 51.2                   | 57.8       | --   |
| Dyna-Gro Seed | 37RY10          | 1.0                     | 16           | 30.1             | 110.0      | 3041            | 18.9                       | 32.8                           | 55.4                 | 54.7                   | 58.6       | --   |
| G2 Genetics   | 0525            | 0.5                     | 11           | 31.7             | 107.3      | 3517            | 19.1                       | 31.3                           | 55.9                 | 51.2                   | --         | --   |
| G2 Genetics   | 6052            | 0.5                     | 17           | 28.5             | 107.5      | 2789            | 19.7                       | 32.3                           | 55.8                 | 47.4                   | 53.5       | --   |
| G2 Genetics   | 7063            | 0.6                     | 14           | 25.0             | 107.3      | 3236            | 19.9                       | 31.2                           | 55.7                 | 50.1                   | --         | --   |
| G2 Genetics   | 6070            | 0.7                     | 12           | 25.0             | 109.0      | 2975            | 19.1                       | 32.0                           | 55.9                 | 61.4                   | 62.9       | 61.7 |
| G2 Genetics   | 6088            | 0.8                     | 14           | 25.8             | 111.8      | 3291            | 18.8                       | 32.0                           | 54.6                 | 53.3                   | 56.7       | 59.5 |
| G2 Genetics   | 6092            | 0.9                     | 14           | 29.1             | 109.3      | 3147            | 19.1                       | 31.8                           | 55.5                 | 55.4                   | 57.9       | --   |
| G2 Genetics   | 6098            | 0.9                     | 14           | 28.7             | 109.0      | 2897            | 20.0                       | 30.5                           | 56.6                 | 57.0                   | 60.0       | 59.9 |
| Hyland Seeds  | HS 04RY03       | 0.4                     | 17           | 28.5             | 107.0      | 2576            | 17.6                       | 32.6                           | 56.8                 | 49.5                   | --         | --   |
| Hyland Seeds  | HS 05RYS25      | 0.5                     | 17           | 28.9             | 108.5      | 2832            | 19.1                       | 31.3                           | 55.8                 | 54.4                   | --         | --   |
| Integra       | 78070R          | 0.7                     | 14           | 25.6             | 111.0      | 3306            | 19.2                       | 32.1                           | 55.6                 | 50.1                   | 57.0       | 59.6 |
| Integra       | 20810           | 0.8                     | 13           | 27.2             | 111.5      | 3035            | 18.7                       | 32.2                           | 56.3                 | 58.3                   | 62.4       | --   |
| Kruger        | K2-0092         | 0.9                     | 14           | 28.1             | 106.5      | 3269            | 19.4                       | 32.2                           | 55.4                 | 49.8                   | --         | --   |
| Kruger        | K2-0101         | 0.1                     | 11           | 31.7             | 103.8      | 2572            | 18.9                       | 31.3                           | 56.0                 | 55.3                   | 60.8       | --   |
| Kruger        | K2-0402         | 0.4                     | 14           | 29.9             | 106.8      | 2881            | 19.2                       | 32.2                           | 56.0                 | 49.3                   | --         | --   |
| Kruger        | K2-0503         | 0.5                     | 16           | 27.2             | 107.8      | 3134            | 19.2                       | 32.0                           | 56.0                 | 57.1                   | --         | --   |
| Kruger        | K2-0504         | 0.5                     | 13           | 24.0             | 110.0      | 2890            | 19.7                       | 31.9                           | 55.5                 | 61.2                   | --         | --   |
| Kruger        | K2-0601         | 0.6                     | 17           | 28.9             | 107.8      | 3063            | 18.1                       | 32.0                           | 56.2                 | 53.5                   | 58.6       | --   |
| Kruger        | K2-0701         | 0.7                     | 13           | 32.3             | 110.5      | 2531            | 19.2                       | 31.9                           | 55.8                 | 51.3                   | 54.0       | --   |
| Kruger        | K2-0801         | 0.8                     | 15           | 27.8             | 109.3      | 3020            | 19.2                       | 32.2                           | 55.7                 | 54.6                   | 59.8       | 58.8 |
| Kruger        | K2-0901         | 0.9                     | 12           | 27.8             | 109.8      | 3013            | 19.9                       | 32.1                           | 55.4                 | 56.8                   | --         | --   |
| Kruger        | K2-1001         | 1.0                     | 16           | 27.4             | 112.5      | 2789            | 19.0                       | 32.4                           | 54.8                 | 63.8                   | 61.1       | 62.7 |
| Legend        | LS 05R22N       | 0.5                     | 15           | 30.3             | 107.3      | 2893            | 18.9                       | 32.5                           | 56.3                 | 53.4                   | --         | --   |
| Legend        | Advantage Stack | 0.6                     | 16           | 28.3             | 108.3      | 3071            | 18.5                       | 32.2                           | 56.0                 | 54.9                   | --         | --   |
| Legend        | LS 06R21        | 0.6                     | 14           | 29.3             | 108.0      | 2986            | 18.3                       | 32.0                           | 56.0                 | 53.1                   | 58.9       | --   |
| Legend        | LS 08R22N       | 0.8                     | 15           | 28.0             | 110.0      | 2858            | 19.3                       | 32.4                           | 55.1                 | 57.0                   | --         | --   |
| Mustang Seeds | 04403           | 0.4                     | 13           | 26.0             | 108.5      | 2973            | 19.2                       | 32.2                           | 55.7                 | 64.2                   | --         | --   |
| MEAN          |                 |                         | 14.2         | 28.3             | 108.9      | 2995            | 19.1                       | 32.0                           | 55.7                 | 55.6                   | --         | --   |
| C.V. (%)      |                 |                         | 22.1         | 7.7              | 0.9        | 3.3             | 2.3                        | 1.9                            | 1.2                  | 9.3                    | --         | --   |
| LSD 0.05      |                 |                         | 4.3          | 3.0              | 1.3        | 136             | 0.6                        | 0.8                            | 0.9                  | 7.2                    | --         | --   |

**Planting Date = May 17 ; Harvest Date = September 19 ; Previous Crop = Wheat**

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**2012 Variety Trial Data**

**Soybean - Dryland, Roundup Ready Varieties** **Barnes County - Dazey (Page 2 of 3)**

| Brand             | Variety       | Mat. Group <sup>1</sup> | Pod Ht<br>cm | Plant Ht<br>inch | Days to PM | Seeds/<br>pound | Seed Oil <sup>2</sup><br>% | Seed Protein <sup>2</sup><br>% | Test Weight<br>lb/bu | ----- Seed Yield ----- |            |      |
|-------------------|---------------|-------------------------|--------------|------------------|------------|-----------------|----------------------------|--------------------------------|----------------------|------------------------|------------|------|
|                   |               |                         |              |                  |            |                 |                            |                                |                      | 2-yr. Avg.             | 3-yr. Avg. | 2012 |
| Mustang Seeds     | 06942         | 0.6                     | 18           | 28.7             | 107.8      | 3038            | 18.1                       | 32.1                           | 56.4                 | 58.8                   | 59.4       | --   |
| Mustang Seeds     | 08733         | 0.8                     | 16           | 26.6             | 110.0      | 2963            | 19.0                       | 32.4                           | 55.5                 | 50.4                   | --         | --   |
| Mycogen Seeds     | 5B065R2       | 0.6                     | 14           | 26.2             | 108.5      | 3178            | 18.8                       | 33.0                           | 55.8                 | 55.1                   | 60.6       | --   |
| Mycogen Seeds     | 5B066R2       | 0.6                     | 17           | 29.7             | 107.5      | 3077            | 18.5                       | 31.2                           | 56.1                 | 61.3                   | --         | --   |
| Mycogen Seeds     | 5B080R2       | 0.8                     | 14           | 29.7             | 109.0      | 3222            | 19.1                       | 31.8                           | 56.6                 | 56.9                   | 57.3       | --   |
| Northstar Genetic | NS0626R2      | 0.6                     | 15           | 28.0             | 109.0      | 2905            | 19.1                       | 32.0                           | 56.2                 | 58.4                   | 60.1       | 60.2 |
| Northstar Genetic | NS0717R2      | 0.7                     | 13           | 25.8             | 110.0      | 3156            | 19.2                       | 31.9                           | 56.5                 | 61.9                   | 58.6       | --   |
| Northstar Genetic | NS0728R2      | 0.7                     | 17           | 26.8             | 109.3      | 2981            | 19.1                       | 31.9                           | 55.6                 | 54.9                   | --         | --   |
| PFS               | 12R06         | 0.6                     | 11           | 28.5             | 107.5      | 3218            | 19.1                       | 32.5                           | 56.2                 | 57.3                   | 60.4       | --   |
| PFS               | 13R07         | 0.7                     | 15           | 27.8             | 107.3      | 2449            | 18.6                       | 33.3                           | 55.8                 | 59.4                   | --         | --   |
| PFS               | 11R08         | 0.8                     | 15           | 25.6             | 110.0      | 3122            | 19.0                       | 32.5                           | 56.5                 | 50.4                   | 57.8       | --   |
| Pioneer           | 90Y70         | 0.7                     | 15           | 26.8             | 109.5      | 3068            | 19.4                       | 33.0                           | 55.5                 | 52.4                   | 58.1       | 57.6 |
| Pioneer           | 90M80         | 0.8                     | 16           | 32.1             | 108.8      | 3413            | 20.1                       | 30.3                           | 56.7                 | 56.6                   | 56.2       | --   |
| Pioneer           | 90Y80         | 0.8                     | 12           | 30.3             | 108.3      | 2713            | 20.0                       | 31.1                           | 56.1                 | 55.2                   | 59.2       | 59.7 |
| Pioneer           | 91Y01         | 1.0                     | 18           | 29.5             | 111.0      | 2690            | 19.7                       | 31.1                           | 55.8                 | 55.4                   | --         | --   |
| Prairie Brand     | PB-0240R2     | 0.2                     | 14           | 31.3             | 103.3      | 2514            | 19.2                       | 31.6                           | 55.7                 | 49.9                   | --         | --   |
| Prairie Brand     | PB-0441R2     | 0.3                     | 12           | 27.2             | 107.3      | 3020            | 19.2                       | 31.3                           | 56.1                 | 66.2                   | --         | --   |
| Prairie Brand     | PB-0510R2     | 0.5                     | 14           | 29.3             | 108.0      | 3133            | 19.3                       | 32.3                           | 56.1                 | 58.7                   | 60.7       | --   |
| Prairie Brand     | X12061        | 0.6                     | 15           | 29.7             | 109.0      | 2890            | 18.5                       | 32.4                           | 55.9                 | 50.8                   | --         | --   |
| Prairie Brand     | PB-0863R2     | 0.8                     | 11           | 28.1             | 109.5      | 3002            | 19.5                       | 32.2                           | 55.7                 | 57.3                   | --         | --   |
| Prairie Brand     | PB-0851R2     | 0.8                     | 12           | 25.4             | 109.8      | 2949            | 19.4                       | 31.7                           | 55.4                 | 56.0                   | --         | --   |
| Prairie Brand     | PB-0920R2     | 0.9                     | 17           | 27.6             | 111.5      | 3165            | 19.2                       | 32.0                           | 55.0                 | 50.9                   | 54.4       | --   |
| Prairie Brand     | PB-1061R2     | 1.0                     | 18           | 33.1             | 113.0      | 2617            | 19.1                       | 33.1                           | 52.4                 | 54.7                   | --         | --   |
| Prairie Brand     | PB-1120R2     | 1.1                     | 17           | 32.3             | 114.0      | 2374            | 18.6                       | 33.3                           | 50.5                 | 39.2                   | 45.1       | 49.1 |
| Proseed           | P2 20-30 RR2Y | 0.3                     | 14           | 25.0             | 108.8      | 3010            | 19.0                       | 32.4                           | 55.7                 | 57.5                   | --         | --   |
| Proseed           | P2 11-50      | 0.5                     | 19           | 31.7             | 107.8      | 3071            | 18.7                       | 31.6                           | 56.1                 | 61.3                   | 59.4       | --   |
| Proseed           | P2 12-70      | 0.7                     | 13           | 29.3             | 109.0      | 3216            | 18.9                       | 31.8                           | 56.3                 | 53.7                   | --         | --   |
| Proseed           | P2 10-80      | 0.8                     | 16           | 27.2             | 110.3      | 3047            | 18.9                       | 32.3                           | 56.0                 | 53.8                   | 56.1       | --   |
| Proseed           | P2 11-90      | 0.9                     | 16           | 26.8             | 109.8      | 2901            | 19.4                       | 32.1                           | 55.0                 | 49.4                   | 55.3       | --   |
| REA               | 64G14         | 0.4                     | 14           | 28.7             | 107.8      | 2754            | 19.3                       | 32.3                           | 56.3                 | 53.5                   | --         | --   |
| REA               | 65G22         | 0.5                     | 17           | 29.7             | 107.5      | 2978            | 18.7                       | 31.0                           | 56.8                 | 60.8                   | --         | --   |
| REA               | 66G22         | 0.6                     | 11           | 25.6             | 108.3      | 3178            | 19.2                       | 32.7                           | 55.7                 | 57.9                   | --         | --   |
| REA               | 67G61         | 0.7                     | 14           | 25.4             | 110.0      | 3053            | 19.1                       | 32.0                           | 55.7                 | 58.2                   | --         | --   |
| RENK              | RS033R2       | 0.3                     | 10           | 25.6             | 108.3      | 2940            | 19.2                       | 31.6                           | 56.0                 | 64.8                   | --         | --   |
| RENK              | RS053R2       | 0.5                     | 12           | 24.8             | 109.8      | 2900            | 19.5                       | 31.8                           | 55.6                 | 58.2                   | --         | --   |
| RENK              | RS050RR       | 0.5                     | 16           | 29.5             | 108.3      | 3450            | 19.4                       | 32.0                           | 55.4                 | 53.7                   | 53.7       | 55.3 |
| RENK              | RS082R2       | 0.8                     | 13           | 27.8             | 109.5      | 3064            | 19.2                       | 31.4                           | 55.8                 | 52.2                   | 57.9       | --   |
| Seeds 2000        | 2051 RR2Y     | 0.5                     | 15           | 28.0             | 108.0      | 2972            | 18.9                       | 31.6                           | 55.9                 | 58.1                   | 59.2       | --   |
| MEAN              |               |                         | 14.2         | 28.3             | 108.9      | 2995            | 19.1                       | 32.0                           | 55.7                 | 55.6                   | --         | --   |
| C.V. (%)          |               |                         | 22.1         | 7.7              | 0.9        | 3.3             | 2.3                        | 1.9                            | 1.2                  | 9.3                    | --         | --   |
| LSD 0.05          |               |                         | 4.3          | 3.0              | 1.3        | 136             | 0.6                        | 0.8                            | 0.9                  | 7.2                    | --         | --   |

**Planting Date = May 17 ; Harvest Date = September 19 ; Previous Crop = Wheat**

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**2012 Variety Trial Data**

**Soybean - Dryland, Roundup Ready Varieties** **Barnes County - Dazey (Page 3 of 3)**

| Brand    | Variety   | Mat. Group <sup>1</sup> | Pod Ht<br>cm | Plant Ht<br>inch | Days to PM | Seeds/<br>pound | Seed Oil <sup>2</sup><br>% | Seed Protein <sup>2</sup><br>% | Test Weight<br>lb/bu | ----- Seed Yield ----- |                     |    |
|----------|-----------|-------------------------|--------------|------------------|------------|-----------------|----------------------------|--------------------------------|----------------------|------------------------|---------------------|----|
|          |           |                         |              |                  |            |                 |                            |                                |                      | 2-yr. Avg.<br>bu/ac    | 3-yr. Avg.<br>bu/ac |    |
| Thunder  | 3303R2Y   | 0.3                     | 16           | 26.6             | 108.0      | 3032            | 18.7                       | 32.7                           | 56.3                 | 57.7                   | --                  | -- |
| Thunder  | 3205R2Y   | 0.5                     | 17           | 27.2             | 107.5      | 3052            | 18.6                       | 31.5                           | 56.2                 | 58.9                   | 59.4                | -- |
| Thunder  | 3307R2Y   | 0.7                     | 12           | 31.7             | 109.3      | 2850            | 18.8                       | 33.3                           | 55.7                 | 61.8                   | --                  | -- |
| Wensman  | W 3032R2  | 0.3                     | 16           | 27.8             | 107.5      | 3086            | 19.3                       | 31.2                           | 55.8                 | 58.8                   | --                  | -- |
| Wensman  | W 3050NR2 | 0.5                     | 16           | 31.7             | 106.8      | 2860            | 19.2                       | 32.1                           | 56.4                 | 57.1                   | --                  | -- |
| Wensman  | W 3058R2  | 0.5                     | 13           | 27.2             | 108.3      | 3176            | 19.4                       | 32.7                           | 56.0                 | 51.8                   | 61.2                | -- |
| Wensman  | W 3076R2  | 0.7                     | 14           | 26.2             | 110.8      | 2874            | 19.4                       | 32.0                           | 55.4                 | 58.0                   | 62.4                | -- |
| Wensman  | W 3090NR2 | 0.9                     | 13           | 27.4             | 109.0      | 3028            | 19.7                       | 32.3                           | 55.9                 | 54.8                   | --                  | -- |
| Wensman  | W 3099R2  | 0.9                     | 17           | 29.1             | 112.0      | 3105            | 18.9                       | 32.7                           | 55.2                 | 50.9                   | 57.7                | -- |
| MEAN     |           |                         | 14.2         | 28.3             | 108.9      | 2995            | 19.1                       | 32.0                           | 55.7                 | 55.6                   | --                  | -- |
| C.V. (%) |           |                         | 22.1         | 7.7              | 0.9        | 3.3             | 2.3                        | 1.9                            | 1.2                  | 9.3                    | --                  | -- |
| LSD 0.05 |           |                         | 4.3          | 3.0              | 1.3        | 136             | 0.6                        | 0.8                            | 0.9                  | 7.2                    | --                  | -- |

**Planting Date = May 17 ; Harvest Date = September 19 ; Previous Crop = Wheat**

<sup>1</sup> Maturity group based on most current company information that has been provided.

<sup>2</sup> Seed oil and protein contents reported on a 13% moisture basis.

\* Trial average for days to physiological maturity was 109 which equates to September 2.