

**NDSU Carrington Research Extension Center and Plant Science Soybean Project
2009 Variety Trial Data**

Soybean - Dryland, Roundup Ready Varieties **LaMoure County (Page 1 of 2)**

| Brand | Variety | Maturity Rating ¹ | Date of Maturity | Plant Height inch | Seed ² Oil % | Seed Protein ² % | ----- Seed Yield ----- | | |
|------------------------|---------------|---------------------------------|---------------------|-------------------------|-------------------------------|-----------------------------------|------------------------|------------------------|---------------|
| | | | | | | | 2009 | 2-yr. Avg. bu/ac | 3-yr. Avg. |
| Asgrow | AG0801 | | 30-Sep | 32.7 | 17.4 | 34.4 | 44.7 | -- | -- |
| Asgrow | AG0808 | 0.8 | 1-Oct | 35.7 | 17.6 | 32.7 | 51.4 | 39.5 | -- |
| Asgrow | AG1102 | 1.1 | 1-Oct | 30.0 | 18.0 | 32.9 | 44.5 | 36.1 | 41.9 |
| Asgrow | RY0809 | 0.8 | 26-Sep | 29.3 | 16.9 | 34.5 | 53.3 | -- | -- |
| Asgrow | RY0819 | 0.8 | 26-Sep | 25.3 | 16.7 | 34.5 | 44.0 | -- | -- |
| Dairyland | DSR-1100/RR | 1.1 | 29-Sep | 26.7 | 17.4 | 34.5 | 38.0 | 34.1 | -- |
| Dairyland | DSR-1200/R2Y | 1.2 | 2-Oct | 27.7 | 17.1 | 34.6 | 44.9 | -- | -- |
| Dairyland | DST11-001/R2Y | 1.1 | 2-Oct | 31.7 | 17.4 | 33.6 | 53.2 | -- | -- |
| G2 (NuTech) | 6088 | 0.8 | 30-Sep | 25.3 | 16.8 | 35.4 | 43.8 | -- | -- |
| G2 (NuTech) | 6098 | 0.9 | 29-Sep | 32.7 | 17.1 | 35.5 | 57.4 | 39.7 | -- |
| Gold Country Seed | 2509RR | 0.9 | 29-Sep | 28.7 | 17.7 | 35.1 | 43.8 | -- | -- |
| Gold Country Seed | 2806RR | 0.6 | 28-Sep | 28.7 | 17.8 | 33.7 | 50.0 | 38.3 | 41.5 |
| Hyland Seeds | RR Richwood | 0.9 | 1-Oct | 35.3 | 16.4 | 34.3 | 51.9 | 36.8 | 40.1 |
| Integra Fortified Seed | 78070R | | 3-Oct | 26.7 | 16.4 | 35.7 | 54.2 | -- | -- |
| Kruger Seeds | K-042RR | 0.4 | 28-Sep | 30.7 | 16.8 | 35.0 | 52.5 | 37.3 | 41.0 |
| Kruger Seeds | K-058RR | 0.5 | 25-Sep | 25.7 | 16.4 | 36.1 | 47.3 | 37.2 | -- |
| Kruger Seeds | K-072+RR | 0.8 | 1-Oct | 20.7 | 16.7 | 35.5 | 40.8 | 35.1 | 42.0 |
| Kruger Seeds | K-091RR | 0.9 | 30-Sep | 28.3 | 17.0 | 35.2 | 49.3 | 37.6 | 42.8 |
| Kruger Seeds | K-129RR | 1.2 | 4-Oct | 28.7 | 17.2 | 35.4 | 53.6 | 37.1 | -- |
| Kruger Seeds | K2X05A9 | 0.5 | 28-Sep | 31.3 | 16.4 | 36.1 | 53.3 | -- | -- |
| Kruger Seeds | K2X06A9 | 0.6 | 29-Sep | 25.7 | 16.6 | 35.4 | 48.3 | -- | -- |
| Kruger Seeds | K2X09A9 | 0.9 | 3-Oct | 27.3 | 17.6 | 33.8 | 42.2 | -- | -- |
| Kruger Seeds | K2X10A9 | 1.0 | 30-Sep | 23.0 | 17.4 | 35.7 | 46.6 | -- | -- |
| Kruger Seeds | K2X11A9 | 1.1 | 3-Oct | 30.7 | 15.9 | 35.3 | 45.5 | -- | -- |
| Kruger Seeds | K2X11B9 | 1.1 | 30-Sep | 29.3 | 16.9 | 34.5 | 49.9 | -- | -- |
| Kruger Seeds | K2X12A9 | 1.2 | 28-Sep | 31.0 | 17.1 | 35.4 | 48.7 | -- | -- |
| Legend Seeds | LS 0098R | | 26-Sep | 29.0 | 16.5 | 34.3 | 52.2 | -- | -- |
| Legend Seeds | LS 0528RR | 0.5 | 2-Oct | 30.3 | 16.4 | 35.3 | 48.3 | -- | -- |
| Mustang Seed | M-066RR | | 1-Oct | 29.3 | 16.3 | 36.3 | 44.9 | 35.1 | 40.6 |
| Mustang Seed | M-075RR | | 30-Sep | 30.3 | 17.4 | 34.6 | 55.0 | 39.6 | 42.7 |
| Mustang Seed | M-089RR | | 4-Oct | 26.3 | 17.5 | 32.3 | 40.0 | 32.3 | -- |
| NK Brand | S06-W2 | 0.6 | 2-Oct | 32.0 | 15.9 | 35.8 | 46.4 | 35.7 | -- |
| NK Brand | S08-A2 | 0.8 | 22-Sep | 28.0 | 17.3 | 35.9 | 48.6 | -- | -- |
| NK Brand | S09-N6 | 0.9 | 29-Sep | 27.0 | 17.0 | 34.2 | 48.6 | -- | -- |
| Northstar Genetics | NS0514RR | | 24-Sep | 25.0 | 16.7 | 36.2 | 45.1 | -- | -- |
| | Mean | | 30-Sep | 28.8 | 17.0 | 34.9 | 48.6 | -- | -- |
| | C.V. (%) | | 4.6 | na | na | na | 16.9 | -- | -- |
| | LSD 0.05 | | 4.5 | na | na | na | 13.1 | -- | -- |

Planting Date = May 28 ;

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2009 Variety Trial Data**

Soybean - Dryland, Roundup Ready Varieties **LaMoure County (Page 2 of 2)**

| Brand | Variety | Maturity Rating ¹ | Date of Maturity | Plant Height inch | Seed ² Oil % | Seed Protein ² % | ----- Seed Yield ----- | | |
|--------------------|-----------|------------------------------|------------------|----------------------|-------------------------------|-----------------------------------|------------------------|------------------------|---------------|
| | | | | | | | 2009 | 2-yr. Avg. bu/ac | 3-yr. Avg. |
| Northstar Genetics | NS0853RR | | 3-Oct | 26.7 | 16.8 | 35.5 | 51.0 | -- | -- |
| Northstar Genetics | NS1012RR | | 1-Oct | 28.7 | 16.7 | 35.2 | 55.1 | -- | -- |
| NuTech | 6078 | 0.7 | 30-Sep | 26.7 | 16.9 | 35.0 | 53.3 | 41.0 | 46.2 |
| NuTech | 6082 | 0.8 | 2-Oct | 29.7 | 16.8 | 32.9 | 55.5 | 40.9 | -- |
| NuTech | 6095 | 0.9 | 30-Sep | 30.3 | 16.4 | 36.6 | 46.5 | 37.2 | 41.7 |
| NuTech | 6105 | 1.0 | 23-Sep | 32.7 | 17.8 | 34.1 | 40.4 | 34.4 | 40.0 |
| NuTech | 6122 | 1.2 | 30-Sep | 28.0 | na | 36.1 | 45.8 | -- | -- |
| NuTech | 0636RR | 0.6 | 2-Oct | 30.0 | 17.5 | 33.5 | 53.9 | 42.0 | 45.4 |
| NuTech | 0886RR | 0.8 | 30-Sep | 28.0 | 17.1 | 34.7 | 53.3 | 42.8 | 44.9 |
| NuTech | 0990RR | 0.9 | 1-Oct | 31.0 | 16.1 | 35.6 | 54.9 | 43.1 | 47.6 |
| PFS | 0509RR | 0.9 | 2-Oct | 33.3 | 16.9 | 35.7 | 55.5 | 41.0 | 43.4 |
| PFS | 1000RR | 0.0 | 25-Sep | 27.0 | 16.1 | 35.2 | 49.8 | -- | -- |
| PFS | 1013RR | 1.3 | 2-Oct | 30.3 | 17.0 | 35.7 | 44.0 | -- | -- |
| PFS | 11R10 | 1.0 | 1-Oct | 28.0 | 16.5 | 36.0 | 49.2 | -- | -- |
| Pioneer | 90M92 | 0.9 | 26-Sep | 25.7 | 17.1 | 35.7 | 39.4 | 32.2 | 36.5 |
| Pioneer | 90Y80 | 0.8 | 26-Sep | 31.0 | 17.5 | 34.1 | 47.4 | -- | -- |
| Pioneer | 91M51 | 1.5 | 1-Oct | 29.3 | 15.2 | 34.5 | 50.4 | -- | -- |
| Pioneer | 91Y20 | 1.2 | 30-Sep | 27.7 | 17.5 | 35.0 | 46.6 | 34.9 | -- |
| Proseed | 60-60 | 0.6 | 29-Sep | 26.3 | 17.5 | 34.7 | 44.7 | 37.7 | 42.4 |
| Proseed | 80-70 | 0.7 | 29-Sep | 37.3 | 17.2 | 34.5 | 55.1 | 41.4 | -- |
| Proseed | 80-80 | 0.8 | 28-Sep | 31.0 | 17.6 | 32.8 | 51.2 | 38.6 | -- |
| Proseed | 90-70 | 0.7 | 26-Sep | 26.3 | 17.4 | 34.8 | 44.4 | -- | -- |
| Proseed | 90-Y90 | 0.9 | 3-Oct | 23.7 | 17.3 | 35.2 | 46.6 | -- | -- |
| Proseed | 91-Y10 | 1.0 | 4-Oct | 31.0 | 16.9 | 34.2 | 47.5 | -- | -- |
| REA | 6791RR | 0.9 | 30-Sep | 28.7 | 17.1 | 35.2 | 48.5 | 38.0 | -- |
| REA | Exp-1050 | 1.0 | 3-Oct | 27.0 | 16.8 | 35.7 | 55.5 | -- | -- |
| REA | Exp-1051 | 1.0 | 3-Oct | 30.0 | 16.1 | 35.3 | 49.6 | -- | -- |
| Thunder | 2810 | | 1-Oct | 25.0 | 16.8 | 34.4 | 50.3 | -- | -- |
| Thunder | 2905RR | | 19-Sep | 22.3 | 17.2 | 35.8 | 34.7 | -- | -- |
| Thunder | 2906RR | | 26-Sep | 28.0 | 17.4 | 33.2 | 50.2 | -- | -- |
| Thunder | exp3010RR | | 2-Oct | 30.7 | 16.6 | 35.9 | 48.7 | -- | -- |
| Wensman | W 2079RR | 0.7 | 29-Sep | 29.0 | 16.3 | 36.4 | 51.2 | -- | -- |
| Wensman | W 2090RR | 0.9 | 30-Sep | 31.0 | 17.6 | 34.8 | 53.9 | 40.4 | -- |
| Wensman | W 2112RR | 1.1 | 27-Sep | 30.7 | 17.5 | 34.6 | 49.5 | -- | -- |
| Mean | | | 30-Sep | 28.8 | 17.0 | 34.9 | 48.6 | -- | -- |
| C.V. (%) | | | 4.6 | na | na | na | 16.9 | -- | -- |
| LSD 0.05 | | | 4.5 | na | na | na | 13.1 | -- | -- |

Planting Date = May 28 ;

¹ Maturity group based on data provided by seed company.

² Seed oil and protein reported on a 13% moisture basis.