

Northern Red River Valley Roundup Ready Soybean Trials - (page 1) - 2005

Park River - Walsh County

| Brand | Variety | Maturity Group | Plant Height in | ** PM | Lodging 0-9 | Oil ¹ % | Protein ¹ % | Test Weight lbs/bu | Yield | | |
|---------------------|--------------|-------------------|-----------------------|----------|----------------|-----------------------|---------------------------|--------------------------|-------|------|-----------|
| | | | | | | | | | 2005 | year | 3 year |
| Hefty | 0066R | 00.6 | 32 | 103 | 0.0 | 18.2 | 34.1 | 57.1 | 42.2 | -- | -- |
| PFS | 06006 RR | 00.6 | 38 | 104 | 0.3 | 18.0 | 34.6 | 57.1 | 48.4 | -- | -- |
| Monsanto/Asgrow | AG00603 | 00.6 | 29 | 105 | 0.0 | 17.7 | 35.3 | 57.5 | 49.5 | -- | -- |
| Hefty | 0046R | 00.4 | 30 | 106 | 0.3 | 18.1 | 36.0 | 57.0 | 51.6 | -- | -- |
| Production Partners | P-0101A | 0.1 | 31 | 106 | 0.0 | 18.5 | 33.8 | 57.5 | 50.9 | -- | -- |
| NK Brand | X5005R | 00.5 | 29 | 107 | 0.3 | 17.3 | 36.4 | 56.2 | 50.4 | -- | -- |
| Roughrider Genetics | RG200RR | 0.0 | 30 | 107 | 0.3 | 17.4 | 36.2 | 58.5 | 44.9 | 41.9 | 48.0 |
| Stine | S0090-64 | 00.9 | 28 | 107 | 0.7 | 18.7 | 35.0 | 57.2 | 49.0 | -- | -- |
| NuTech Seed | NT-0077 RR | 00.7 | 27 | 107 | 0.0 | 18.5 | 33.6 | 57.3 | 51.6 | -- | -- |
| Prairie Brand | PB-00645RR | 00.6 | 25 | 107 | 0.0 | 18.5 | 33.9 | 57.0 | 48.9 | -- | -- |
| AgSource | 9009 RR | 00.9 | 32 | 108 | 0.7 | 18.4 | 35.1 | 57.7 | 46.5 | 44.3 | -- |
| Bio Gene | BG0103 RR | 0.1 | 30 | 108 | 0.0 | 18.3 | 34.6 | 57.4 | 41.5 | -- | -- |
| Dyna-Gro | SX05004 | 00.4 | 32 | 108 | 1.0 | 18.6 | 33.6 | 57.1 | 54.9 | -- | -- |
| Hyland Seeds | RR Ramsey | 00.5 | 34 | 108 | 0.0 | 17.6 | 36.6 | 57.4 | 49.4 | 43.6 | 49.9 |
| NuTech Seed | NT-0090 RR | 00.9 | 30 | 108 | 0.7 | 18.4 | 35.3 | 57.0 | 51.5 | -- | -- |
| Prairie Brand | PB-00845RR | 00.8 | 33 | 108 | 0.3 | 18.4 | 34.5 | 57.0 | 54.6 | -- | -- |
| Croplan Genetics | RT0079 | 00.7 | 35 | 108 | 0.0 | 18.3 | 34.2 | 57.4 | 52.3 | 44.0 | -- |
| PFS | 06004 RR | 00.4 | 31 | 108 | 1.0 | 18.4 | 34.0 | 57.2 | 55.2 | -- | -- |
| Production Partners | P-0055 | 00.5 | 33 | 108 | 1.3 | 18.7 | 33.5 | 57.1 | 53.9 | -- | -- |
| Prairie Brand | PB-00425RR | 00.4 | 32 | 109 | 1.3 | 18.5 | 34.2 | 57.0 | 55.2 | -- | -- |
| Gold Country Seed | GCS 926RR | 00.9 | 31 | 109 | 2.3 | 18.4 | 34.6 | 57.1 | 52.5 | -- | -- |
| NorthStar Genetics | NS0049RR | 00.9 | 31 | 109 | 1.3 | 18.3 | 34.4 | 57.4 | 49.2 | 46.3 | -- |
| PFS | 04009 RR | 00.9 | 31 | 109 | 0.3 | 17.6 | 36.9 | 57.3 | 50.5 | 42.5 | -- |
| Wensman | W 20077RR | 00.7 | 31 | 109 | 0.3 | 17.6 | 36.2 | 57.9 | 48.3 | -- | -- |
| Production Partners | P-0099+ | 00.9 | 32 | 109 | 2.3 | 17.9 | 36.0 | 57.4 | 48.1 | -- | -- |
| Croplan Genetics | RT0103 | 0.1 | 31 | 110 | 1.7 | 18.7 | 34.3 | 57.1 | 49.7 | -- | -- |
| Croplan Genetics | RT0273 | 0.2 | 31 | 110 | 0.3 | 18.3 | 33.2 | 57.2 | 48.5 | -- | -- |
| Dairyland Seed | DSR-C900/RR | 00.9 | 29 | 110 | 0.0 | 18.1 | 34.7 | 56.9 | 46.2 | 46.4 | -- |
| NorthStar Genetics | NS0110RR | 00.9 | 31 | 110 | 0.0 | 18.6 | 34.7 | 56.7 | 46.4 | -- | -- |
| Dyna-Gro | SX05009 | 00.9 | 34 | 110 | 2.0 | 18.7 | 34.6 | 57.2 | 55.7 | -- | -- |
| Hefty | 026R | 0.2 | 32 | 110 | 0.3 | 18.4 | 33.4 | 57.3 | 46.9 | -- | -- |
| Prairie Brand | PB-00943RR | 0.1 | 32 | 110 | 1.0 | 17.9 | 34.9 | 57.1 | 50.1 | 42.8 | -- |
| Gold Country Seed | GCS 825RR | 00.9 | 31 | 110 | 2.3 | 17.6 | 36.6 | 57.6 | 49.8 | -- | -- |
| Legend Seeds | 0093 RR | 00.9 | 32 | 110 | 2.0 | 17.8 | 36.2 | 57.6 | 52.3 | -- | -- |
| Monsanto/Dekalb | DKB009-51 | 00.9 | 37 | 110 | 1.3 | 18.0 | 34.4 | 57.4 | 50.1 | 46.2 | 54.6 |
| NorthStar Genetics | NS0056RR | 00.9 | 34 | 110 | 1.3 | 17.8 | 36.6 | 57.6 | 50.9 | 47.7 | 52.3 |
| Hefty | 0086R | 00.8 | 33 | 111 | 2.0 | 18.3 | 34.7 | 57.2 | 54.9 | -- | -- |
| PFS | 0303 RR | 0.3 | 34 | 111 | 0.7 | 17.8 | 36.8 | 57.5 | 49.0 | 41.6 | -- |
| Hyland Seeds | RR Royal | 00.9 | 35 | 111 | 1.0 | 18.0 | 35.1 | 56.8 | 50.9 | 48.7 | -- |
| NK Brand | S01-T5 | 0.1 | 31 | 111 | 0.7 | 16.8 | 37.2 | 56.8 | 49.8 | -- | -- |
| NorthStar Genetics | NS0329RR | 0.3 | 32 | 111 | 0.3 | 17.8 | 37.0 | 57.6 | 49.8 | -- | -- |
| NuTech Seed | NT-0111 RR | 0.1 | 37 | 111 | 2.3 | 17.9 | 36.5 | 57.6 | 51.0 | 45.8 | -- |
| Prairie Brand | PB-00965RR | 00.9 | 33 | 111 | 2.7 | 18.7 | 35.1 | 57.3 | 54.5 | -- | -- |
| Production Partners | P-0121+ RR | 0.1 | 33 | 111 | 0.3 | 18.3 | 32.9 | 57.4 | 52.7 | -- | -- |
| Proseed | RR 50-00 | 0.0 | 35 | 111 | 2.3 | 18.2 | 36.4 | 57.0 | 52.4 | -- | -- |
| Dairyland Seed | DSTC9-000/RR | 00.9 | 34 | 111 | 1.0 | 17.9 | 36.4 | 58.0 | 48.3 | -- | -- |

| Brand | Variety | Maturity Group | Plant Height in | ** PM | Lodging 0-9 | Oil ¹ % | Protein ¹ % | Test Weight lbs/bu | Yield | | |
|---------------------|-------------|----------------|--------------------|----------|----------------|-----------------------|---------------------------|--------------------------|-------|--------------|--------------|
| | | | | | | | | | 2005 | 2005 year | 2005 year |
| Hefty | 0096R | 00.9 | 33 | 112 | 4.0 | 18.2 | 35.7 | 57.2 | 52.9 | -- | -- |
| PFS | 0502 RR | 0.2 | 32 | 112 | 0.3 | 18.1 | 33.7 | 57.3 | 49.8 | -- | -- |
| Legend Seeds | 0255 RR | 0.2 | 32 | 112 | 0.3 | 18.6 | 31.9 | 57.3 | 49.9 | -- | -- |
| Proseed | RR 50-10 | 0.1 | 35 | 112 | 1.0 | 17.8 | 35.2 | 57.2 | 49.5 | -- | -- |
| Thunder Seed | 2502RR | 0.2 | 33 | 112 | 0.3 | 18.2 | 32.7 | 57.4 | 50.6 | -- | -- |
| Thunder Seed | 2501RR | 0.1 | 34 | 112 | 0.3 | 18.3 | 33.9 | 57.5 | 44.7 | -- | -- |
| NK Brand | S02-M9 | 0.2 | 35 | 112 | 0.3 | 17.9 | 37.1 | 58.2 | 50.1 | 47.5 | -- |
| Thunder Seed | 602ARR | 0.2 | 28 | 112 | 0.0 | 18.5 | 34.8 | 56.7 | 46.4 | -- | -- |
| Wensman | W 20092RR | 00.9 | 32 | 112 | 3.7 | 18.2 | 35.8 | 57.1 | 57.4 | -- | -- |
| NK Brand | S04-Z9 | 0.4 | 33 | 113 | 1.3 | 18.0 | 36.2 | 58.2 | 53.8 | 51.7 | -- |
| Proseed | RR 20-11 | 0.1 | 29 | 113 | 0.7 | 18.2 | 35.7 | 57.2 | 49.0 | 46.8 | 49.8 |
| Bio Gene | BG0203 RR | 0.2 | 25 | 113 | 0.0 | 18.3 | 35.0 | 56.6 | 50.7 | -- | -- |
| Bio Gene | BG0085 RR | 00.8 | 28 | 113 | 3.0 | 17.2 | 37.2 | 57.2 | 42.3 | -- | -- |
| NorthStar Genetics | NS0020RR | 00.8 | 29 | 113 | 1.0 | 17.8 | 35.6 | 57.0 | 51.1 | 49.6 | -- |
| Proseed | RR 50-30 | 0.3 | 34 | 114 | 1.0 | 18.1 | 35.0 | 57.0 | 50.5 | -- | -- |
| NuTech Seed | NT-0102 RR | 0.1 | 30 | 114 | 1.0 | 17.8 | 35.7 | 57.3 | 52.2 | -- | -- |
| Bio Gene | BG031 RR | 0.3 | 32 | 114 | 2.0 | 17.5 | 36.6 | 57.3 | 52.4 | -- | -- |
| Croplan Genetics | RT0243 | 0.2 | 42 | 114 | 2.0 | 18.2 | 34.7 | 58.6 | 44.6 | -- | -- |
| Monsanto/Asgrow | AG0202 | 0.2 | 38 | 114 | 1.7 | 17.3 | 35.6 | 57.6 | 56.9 | -- | -- |
| Production Partners | P-0525 RR | 0.5 | 38 | 115 | 2.0 | 18.0 | 35.3 | 57.1 | 55.9 | -- | -- |
| Pioneer | 90M60 | 0.6 | 32 | 115 | 0.0 | 17.4 | 35.7 | 57.4 | 54.8 | -- | -- |
| NuTech Seed | NT-0222+ RR | 0.2 | 34 | 115 | 0.0 | 17.8 | 35.7 | 56.9 | 51.8 | -- | -- |
| Bio Gene | BG0205 RR | 0.2 | 36 | 116 | 1.0 | 17.4 | 36.7 | 56.8 | 48.8 | -- | -- |
| Roughrider Genetics | RG405RR | 0.5 | 35 | 117 | 2.0 | 18.2 | 34.5 | 57.4 | 54.1 | 39.2 | -- |
| Pioneer | 90M61 | 0.6 | 30 | 117 | 0.0 | 18.9 | 34.8 | 57.0 | 56.9 | -- | -- |
| Proseed | RR 20-40 | 0.4 | 33 | 117 | 0.0 | 18.2 | 35.1 | 56.8 | 54.1 | 50.8 | 57.6 |
| Stine | S0260-4 | 0.2 | 31 | 118 | 0.7 | 17.8 | 35.3 | 56.9 | 56.7 | -- | -- |
| Trial Mean | | | 32 | 110 | 0.9 | 18.0 | 35.2 | 57.3 | 50.3 | -- | -- |
| C.V. % | | | 8.5 | 5.5 | 109.9 | 1.6 | 2.0 | 0.5 | 7.9 | -- | -- |
| LSD 5% | | | 4.4 | 9.8 | 1.7 | 0.6 | 1.4 | 0.5 | 6.4 | -- | -- |

*Maturity Group provided by company

**Days to physiological maturity at R7 stage (one brown pod on the main stem obtains mature brown or tan color.)

¹ Oil and protein reported at 13% moisture.

Planting Date: May 23

Harvest Date: October 3