

Langdon - Conventional Soybeans - 2007-2009

| Brand | Variety | Ma- turity Group ¹ | Plant Ht. in | Ma- turity Date ² | Pro- tein % | Oil % | Lodg- ing 0-9 | Test Wt. lbs/bu | Yield | | | | |
|--------------|----------|-------------------------------------|--------------------|------------------------------------|-------------------|----------|---------------------|-----------------------|-------|------|------|-----------|-----------|
| | | | | | | | | | 2007 | 2008 | 2009 | 2 year | 3 Year |
| NDSU | Cavalier | 00.7 | 39 | * | 39.9 | 17.0 | 7.0 | 51.8 | 55.7 | 38.8 | 36.1 | 37.5 | 43.5 |
| NDSU | Traill | 0.0 | 38 | * | 39.7 | 17.2 | 7.0 | 48.5 | -- | -- | 42.1 | -- | -- |
| Gowan Seeds | GS1001 | 00.0 | 35 | 9/16 | 41.2 | 16.1 | 4.5 | 55.6 | 52.9 | 32.9 | 39.0 | 36.0 | 41.6 |
| Thunder Seed | 7005 | 00.5 | 41 | 9/24 | 39.9 | 16.6 | 7.5 | 53.2 | -- | 35.8 | 47.1 | 41.5 | -- |
| LSD 5% | | | 2.5 | 2.6 | 0.9 | 0.3 | 2.1 | 1.3 | 6.1 | NS | 5.4 | -- | -- |

Pembina County - Conventional Soybeans - 2008-2009

| Brand | Variety | Ma- turity Group ¹ | Plant Ht. in | Ma- turity Date ² | Pro- tein % | Oil % | Lodg- ing 0-9 | Test Wt. lbs/bu | Yield | | |
|--------------|----------|-------------------------------------|--------------------|------------------------------------|-------------------|----------|---------------------|-----------------------|-------|------|-----------------------------|
| | | | | | | | | | 2008 | 2009 | 2 year -----bu/a----- |
| NDSU | Cavalier | 00.7 | 32 | 9/15 | 39.2 | 18.0 | 1.0 | 54.5 | 40.2 | 47.0 | 43.6 |
| NDSU | Traill | 0.0 | 33 | 10/4 | 40.3 | 16.9 | 0.8 | 51.5 | -- | 46.2 | -- |
| Thunder Seed | 7005 | 00.5 | 37 | 9/26 | 39.2 | 17.3 | 0.3 | 55.0 | 36.7 | 49.2 | 43.0 |
| LSD 5% | | | 2.1 | 5.8 | NS | NS | NS | 2.0 | NS | 5.5 | -- |

Nelson County - Conventional Soybeans - 2009

| Brand | Variety | Maturity Group ¹ | Plant | Maturity | Protein | Oil | Test Weight | Yield 2009 |
|--------------|----------|--------------------------------|--------|-------------------|---------|------|----------------|---------------|
| | | | Height | Date ² | | | | |
| | | | in | | % | % | lbs/bu | bu/a |
| NDSU | Cavalier | 00.7 | 20 | 9/18 | 36.4 | 19.2 | 55.5 | 24.6 |
| NDSU | Traill | 0.0 | 21 | 9/21 | 38.1 | 18.8 | 55.5 | 27.9 |
| Thunder Seed | 07005 | 00.5 | 25 | 9/19 | 37.0 | 19.0 | 56.1 | 33.8 |
| LSD 5% | | | 2.9 | 1.6 | 1.6 | 0.6 | 1.7 | 3.9 |

Walsh County - Conventional Soybeans - 2008-2009

| Brand | Variety | Ma- turity Group ¹ | Plant Ht. | Mat- urity date ² | Lodg- ing 0-9 | Oil % | Pro- tein % | Test Wt. lbs/bu | Yield | | |
|--------------|----------|-------------------------------------|--------------|------------------------------------|---------------------|----------|-------------------|-----------------------|-------|------|-----------|
| | | | | | | | | | 2008 | 2009 | 2 year |
| NDSU | Cavalier | 00.7 | 33 | 9/16 | 1.3 | 39.0 | 17.8 | 55.7 | 57.2 | 38.1 | 47.7 |
| NDSU | Traill | 0.0 | 36 | 9/17 | 4.0 | 41.0 | 17.7 | 55.7 | -- | 40.7 | -- |
| Thunder Seed | 07005 | 00.5 | 37 | 9/15 | 2.3 | 39.7 | 17.3 | 55.3 | 44.6 | 39.7 | 42.2 |
| LSD 5% | | | NS | 2.4 | 2.7 | NS | NS | NS | 5.8 | NS | -- |

¹Maturity Group provided by company

²Date of physiological maturity at R7 stage (one brown pod on the main stem obtains mature brown or tan color.)

Oil and protein reported at 13% moisture.