

NDSU Carrington Research Extension Center
2019 Variety Trial Data

Soybean - Dryland, Roundup Ready Varieties **Wishek**

| Brand | Variety | Trait | Mat. Group ¹ | Days to PM ² | Pod Ht inch | Plant Ht inch | Plant Lodge 0 to 9 | Seeds/ pound | Seed Oil % | Seed Protein % | Test Weight lb/bu | -- Seed Yield -- | | |
|-------------|-----------|--------|-------------------------|-------------------------|----------------|------------------|-----------------------|-----------------|---------------|-------------------|----------------------|------------------|------------|-------|
| | | | | | | | | | | | | 2019 | 2-yr. Avg. | |
| | | | | | | | | | | | | ----- | bu/ac | ----- |
| Integra | 50510N | RR2XT | 0.5 | 125.0 | 2.8 | 32.1 | 3.0 | 2369 | 16.4 | 35.7 | 53.7 | 43.9 | -- | |
| Integra | 50629N | RR2XT | 0.6 | 124.0 | 2.0 | 32.1 | 3.0 | 3178 | 16.1 | 34.3 | 55.1 | 39.4 | -- | |
| Integra | 40129 | Enlist | 0.1 | 110.8 | 1.8 | 30.3 | 2.3 | 3322 | 16.4 | 36.3 | 55.4 | 38.3 | -- | |
| Integra | 40829 | Enlist | 0.8 | 120.5 | 2.2 | 32.7 | 2.8 | 2922 | 17.0 | 35.6 | 54.4 | 53.8 | -- | |
| LG Seeds | LGS0735RX | RR2XT | 0.7 | 124.3 | 2.4 | 32.8 | 3.0 | 2643 | 16.3 | 35.1 | 55.3 | 51.7 | -- | |
| LG Seeds | C1000RX | RR2XT | 1.0 | 126.3 | 2.0 | 32.5 | 3.5 | 2802 | 16.6 | 35.4 | 55.0 | 51.5 | 43.8 | |
| LG Seeds | LGS1118RX | RR2XT | 1.1 | 126.0 | 2.8 | 31.1 | 6.5 | 2890 | 16.8 | 33.2 | 54.7 | 39.4 | -- | |
| LG Seeds | LGS1337RX | RR2XT | 1.3 | 125.8 | 2.6 | 34.6 | 4.3 | 2829 | 17.2 | 34.3 | 54.6 | 46.7 | 43.6 | |
| LG Seeds | LGS1575RX | RR2XT | 1.5 | 127.8 | 2.6 | 32.5 | 3.8 | 2977 | 15.8 | 35.7 | 54.2 | 42.9 | 43.9 | |
| NDSU | ND18008GT | GT | 00.8 | 106.5 | 2.0 | 28.0 | 1.8 | 3102 | 17.1 | 36.7 | 55.3 | 30.3 | -- | |
| NDSU | ND17009GT | GT | 00.9 | 107.5 | 2.2 | 32.1 | 1.3 | 2587 | 17.4 | 36.7 | 55.9 | 39.7 | 36.6 | |
| P3 Genetics | 1906E | Enlist | 0.6 | 124.8 | 2.2 | 29.4 | 6.0 | 3441 | 17.0 | 35.3 | 55.1 | 37.1 | -- | |
| P3 Genetics | 1910E | Enlist | 1.0 | 125.5 | 2.8 | 32.9 | 3.3 | 2909 | 16.4 | 35.5 | 55.3 | 44.8 | -- | |
| Proseed | EL 80-93 | Enlist | 0.9 | 126.8 | 2.8 | 35.0 | 4.3 | 2998 | 16.1 | 36.2 | 54.4 | 47.9 | -- | |
| Proseed | XT 90-90 | RR2XT | 0.9 | 125.0 | 2.4 | 32.5 | 3.0 | 2831 | 15.9 | 35.4 | 54.9 | 48.4 | -- | |
| Proseed | EL 81-13 | Enlist | 1.1 | 127.3 | 2.6 | 33.3 | 4.5 | 2653 | 16.0 | 36.1 | 54.0 | 43.9 | -- | |
| Proseed | EL 91-23 | Enlist | 1.2 | 128.0 | 2.8 | 37.0 | 5.3 | 3351 | 14.7 | 37.0 | 52.8 | 33.8 | -- | |
| Proseed | EL 91-33 | Enlist | 1.3 | 127.5 | 2.8 | 35.0 | 7.0 | 2748 | 16.2 | 35.1 | 52.8 | 36.0 | -- | |
| REA | RX0520 | RR2XT | 0.5 | 124.5 | 2.6 | 32.7 | 2.3 | 2384 | 15.5 | 36.5 | 55.0 | 41.0 | -- | |
| REA | RX0719 | RR2XT | 0.7 | 124.3 | 2.4 | 32.1 | 1.5 | 2699 | 16.2 | 35.6 | 55.3 | 47.4 | 42.9 | |
| REA | RX0929 | RR2XT | 0.9 | 123.5 | 2.6 | 33.5 | 1.8 | 2759 | 16.1 | 35.9 | 55.4 | 54.8 | 51.9 | |
| REA | RX1030 | RR2XT | 1.0 | 124.5 | 1.8 | 31.3 | 2.5 | 2652 | 16.8 | 34.1 | 54.8 | 48.9 | -- | |
| MEAN | | | | 122.4 | 2.3 | 32 | 3.4 | 2888 | 16.4 | 35.6 | 54.8 | 42.8 | -- | |
| C.V. (%) | | | | 1.5 | 26.5 | 7.1 | 46.5 | 4.6 | 1.7 | 1.8 | 1.5 | 12 | -- | |
| LSD 0.10 | | | | 2.2 | NS | 2.7 | 1.8 | 156 | 0.3 | 0.8 | 1.0 | 6.1 | -- | |
| LSD 0.05 | | | | 2.6 | NS | 3.2 | 2.2 | 186 | 0.4 | 0.9 | 1.2 | 7.3 | -- | |

Planting Date = June 3 ; Harvest Date = November 6 ; Previous Crop = Spring Wheat

¹ Maturity group based on data provided by seed company.

² Days to PM: average of 122 = October 3.