# 2019 Montana Wheat Variety Comparison Chart

## Spring Wheat
<table>
<thead>
<tr>
<th>Variety</th>
<th>Test Wt</th>
<th>Protein</th>
<th>Maturity</th>
<th>Height</th>
<th>Straw Strength</th>
<th>Sawfly Cutting</th>
<th>Stripe Rust</th>
<th>Leaf Rust</th>
<th>Stem Rust</th>
<th>Leaf Diseases</th>
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## Winter Wheat
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### General
- 1 = good; 9 = poor
- Protein: 1 = highest; 9 = lowest
- Height: 1 = shortest; 9 = tallest
- Maturity: 1 = earliest; 9 = latest

These agronomic assessments are made by Syngenta scientists and reflect each variety's relative performance within these characteristics through the 2018 crop year. Specific conditions may cause variations within these characteristics. These relative protection values are based on current pest and disease populations, which have been known to shift periodically and may cause changes in specific evaluations. Resistance to many other diseases and pests is sensitive to environmental conditions, plant development stages and the presence and intensity of other diseases which may result in specific evaluation inconsistencies. This chart is updated annually to reflect the most current trends.
### Winter Wheat

#### SY MONUMENT
**Disease and Drought Tolerance**
- Widely adapted with good disease and drought tolerance across the Plains areas
- Tolerance to acid soils
- Good winter hardiness
- Very good tolerance to leaf and stripe rust

#### SY ROCKFORD
**Rock Solid Returns in the West**
- Specifically developed for the western wheat acre
- High revenue per-acre with a balance between yield and protein
- Growth habit that fills in wider rows
- Very good foliar disease tolerance and very good Fusarium head blight tolerance
- Handles stress well
- Hessian fly tolerance

#### SY WOLF
**The Heavy Residue Champion**
- Excellent overall disease tolerance, good straw strength and winter hardiness

### Spring Wheat

#### SY INGMAR
**Top Choice for Economic Return**
- The most planted wheat variety in North Dakota in 2018
- Medium maturity for greater yield potential in high performance environments
- Broadly adapted
- Very high protein potential
- Very good straw strength
- SY Soren pedigree and solid disease package

#### SY605 CL
**High Performance and Disease Tolerance**
- Herbicide tolerance for control of grass weeds and volunteer cereals
- Early maturity
- High yield potential
- Very good test weight and high protein
- Intermediate height

#### SY TYRA
**Sawfly Tolerant Variety**
- Sawfly tolerant spring wheat
- Semi-solid stem option fights wheat stem sawfly and still offers yield potential

#### SY VALDA
**The Yield Warrior**
- Top end yield potential
- Strong disease tolerance that keeps leaves green longer, extending kernel fill time
- Strong-standing with very good test weight and moderate protein levels—an excellent complement when planting SY Ingmar and SY Soren

#### SY CLEARSTONE CL2
**Two-Gene Herbicide Tolerance**
- Adapted best for Montana
- Very high yield potential
- Good test weight and protein
- Good winter hardiness
- Later maturity

#### SY SUNRISE*
**Wake Up to a New Yield Level**
- Our highest yielding line in favorable conditions
- High tillering, semi-dwarf plant type with good straw strength
- Good disease tolerance to stripe, leaf and stem rusts
- Excellent test weights with good winter hardiness

#### SY Soren
**Stands Strong for Maximum Returns**
- A grower favorite—second only to SY Ingmar for planted acres in North Dakota in 2017
- High protein with very good straw strength

#### SY CLEARSTONE CL2
**High Performance and Disease Tolerance**
- High yield potential
- Very good test weight and high protein
- Intermediate height

#### SY ROCKFORD
**Rock Solid Returns in the West**
- Specifically developed for the western wheat acre
- High revenue per-acre with a balance between yield and protein
- Growth habit that fills in wider rows
- Very good foliar disease tolerance and very good Fusarium head blight tolerance
- Handles stress well
- Hessian fly tolerance

#### SY517 CL2
**Early, Consistent Two-Gene**
- Higher yields than AP503 CL2
- High test weight
- Early maturity
- Good aluminum tolerance for low pH soils
- Good milling characteristics

#### SY ROCKFORD
**High Performance and Disease Tolerance**
- Herbicide tolerance for control of grass weeds and volunteer cereals
- Early maturity
- High yield potential
- Very good test weight and high protein
- Intermediate height

#### SY WOLF
**The Heavy Residue Champion**
- Excellent overall disease tolerance, good straw strength and winter hardiness

#### SY517 CL2
**Early, Consistent Two-Gene**
- Higher yields than AP503 CL2
- High test weight
- Early maturity
- Good aluminum tolerance for low pH soils
- Good milling characteristics

#### AP503 CL2
**Proven Two-Gene Performer**
- Years of hardy performance and top yields in Montana
- Excellent test weight and good winter hardiness

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