TRICAL FLEX 719 Brand

- Used for fall and winter grazing, silage and hay
- Awnleted (reduced beard length)
- Good straw strength
- Good silage quality
- High seed yield

WINTER FORAGE VARIETIES

RAY
Hard Red Forage Winter Wheat

- Excellent winterhardiness
- True hard red winter wheat
- High forage yields
- Dual use potential
- Increased lodging resistance compared to Willow Creek

RAY is awnless with similar forage yields to Willow Creek. It is the first forage winter wheat with true, dual use potential! Plant at a target plant population of 1 million viable seeds per acre on dryland.

<table>
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<tr>
<th>Variety</th>
<th>2018</th>
<th>2017</th>
<th>Avg</th>
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WINTER CEREAL FORAGE TRIAL
Central Ag Research Center, Mccasin, Montana
**KELDIN** Hard Red Winter Wheat

- Highest dry land yield potential
- Outstanding test weight
- Responds to higher seeding rate
- Broadly adapted variety

KELDIN is a hollow stem variety known for excellent characteristics, such as emergence and test weight, as well as its milling and baking qualities. This broadly adapted yield potential leader also provides an outstanding disease package with very good resistance to Leaf Rust, Yellow (Stripe) Rust and other foliar diseases.

**LCS JET** Hard Red Winter Wheat

- Exceptional yield performance
- Above average quality
- Very good straw strength

LCS JET is a hollow stem variety adapted to our region. Data shows that the yield performance is exceptional and end-use quality is above average. It stands out for its protein content and straw strength is very good.
SY 517 CL2 Clearfield Winter Wheat

- Excellent test weight
- Good straw strength
- Moderate tolerance to fusarium head blight
- Good winter hardiness

SY 517 CL2 is a new Clearfield winter wheat. Very good aluminum tolerance, excellent yield potential and very early maturity. It comes with a good disease package and is a great choice for winter wheat.

SY LEGEND CL2 Clearfield Winter Wheat

- Early drought tolerant
- Consistent yield performance, even under drought stress
- Good disease package

SY LEGEND CL2 is a new Clearfield winter wheat variety. It’s a medium plant height with good straw strength and very good winterhardiness. Good leaf and stripe rust tolerance and AP503 CL2 parentage.
LCS FUSION AX was the first CoAXium™ wheat variety in Montana. It contains the patented, AXigen™ trait. It’s the best option for controlling grassy weeds, along with bromus, feral rye, cereal rye, jointed goatgrass, wild oats and volunteer cereals. Very good drought tolerance.

**HOLLOW STEM VARIETIES**

**SY MONUMENT**
- Best in class disease resistance
- Resistant to stripe, leaf and stem rust
- Good BYDV tolerance

**NEW**

**WB4792**
- Excellent Yield Potential
- Strong Western Adaption
- Good Wheat Streak Mosaic Virus Resistance

**NEW**

**WB4418**
- Strong Yield Potential
- Very Good Hessian Fly Resistance
- Excellent Straw Strength
SAWFLY VARIETIES

WARHORSE
- Combines good yield potential with a very solid stem
- Good stem and stripe rust resistance
- Good winterhardiness

JUDEE
- Good stem and stripe rust resistance
- High yield potential
- Above average baking properties

LOMA
- New MSU solid stem variety
- Good yield potential
- Resistant to strip and stem rust

WB4483
- Solid stem for improved wheat stem sawfly management
  Good yellow (stripe) rust resistance
  Very good winterhardiness

SY CLEARSTONE CL2
- Good disease package
- Very similar to Yellowstone
- Great yield potential, well adapted

BRAWL CL PLUS
- Hollow stem, very early maturity
- Short to medium straw
- Disease package (fungicide recommended)

WB4623 CLP
- Outstanding yield potential
- Good standability enables irrigated production
- Excellent test weight
### 2018 Northern Seed commercial trial

<table>
<thead>
<tr>
<th>Entry</th>
<th>Plt Ht Inches</th>
<th>BI, FB TW (lbs/bu)</th>
<th>BI, FB Protein %</th>
<th>Yield bu/ac</th>
<th>BZ</th>
<th>BI</th>
<th>FB</th>
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### 2017-18 Northern Seed commercial trial average

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* New for 2018; **Conrad data not available for 2018
H=Hollow Stem; S=Solid Stem; CO=CoAXium; C=Clearfield
Northern Extreme

- Robust disease control targeting Pythium, Rhizoctonia, and Fusarium plus insecticide.
- Provides 5 active ingredients that deliver robust seed and seedling disease control along with early season insect protection from chewing and sucking pests.
- Robust rate of insecticide for up to medium pressure wireworm.
- Developed with 2 fungicide modes of action (contact & systemic) to help deliver enhanced disease control.

Stamina® F4 Cereals
Fungicide Seed Treatment

Stamina F4 Cereals provides broad-spectrum disease control, against a wide range of wheat and barley pathogens, including Rhizoctonia root rot, Fusarium seed rot and seedling blight, common root rot, dry seed decay, Pythium damping off, common bunt of wheat and covered smut of barley.

STEPUP®

STEPUP® is a seed treatment nutritional that is specifically designed to interact with and respond to the seed by supplementing the protein and amino acids released during the early stages of germination, providing a faster and more uniform emergence, resulting in higher yields.

- Enhances growth
- Increases respiration
- Stimulates the development of root fiber and hairs
- Induces and expresses natural disease tolerance