

# Twin Creeks Extension District

Serving the counties of Decatur, Graham, Norton & Sheridan



## 2022 Wheat Demonstration

### Variety and Descriptions

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**Larry and Brian Miller** - plot planted September 21, 2021- Narrow strips – From Dresden: Travel South on highway 23 to #9 highway. East on #9. Between roads 1900 and 2000

**KS Western Star** This is a hard red winter wheat from KS Wheat Alliance with medium-maturity and height and adapted for the western 2/3 of Kansas. It has moderate resistance to both stripe and leaf rust along with intermediate resistance to Barley Yellow Dwarf and FHB (Head scab). Western Star has very good drought tolerance along with very good straw strength and good baking and milling qualities.

**LCS Valiant** A medium-height, medium-maturity wheat variety with high-end yield and stability across a large geography of Kansas. Valiant is characterized by excellent milling and baking qualities, good fall ground cover with high tillering along with early spring green-up.

**KS Dallas** A hard red winter wheat from KS Wheat Alliance with medium-maturity and medium height with good adaptation to dryland production. It has a strong disease package with resistance to leaf and stem rust along with the Wheat Streak Mosaic virus. Dallas has average test weight and good baking quality.

**WB 4792** This NEW WestBred variety is a hard red winter wheat with excellent yield potential and leaf rust resistance. This medium-late maturing variety has very good winterhardiness and moderately resistance to the wheat streak mosaic virus and barley yellow dwarf, contributing to its' strong western Kansas adaptation.

**WB Grainfield** This variety from WestBred is a mainstay variety that has medium-late maturity and is positioned primarily for areas north and west of I-35 and has very good yields at the western locations and has shown relatively consistent performance in test yield data. Grainfield has good overall leaf disease resistance, with the exception of Septoria leaf blotch. It has very good drought tolerance and shattering reputation, but is moderately susceptible to Hessian fly, Barley Yellow Dwarf and the Wheat Streak Mosaic virus.

**LCS Chrome** This Limagrain Cereal Seeds variety is a medium-tall and medium-late maturity. It was named for its' blue-gray color in the early growth stages and has shown good yields in commercial and state trials with broad adaptation for the entire state of Kansas. It is poised to be a strong variety for the region. It appears to have high tillering ability along with test weight. It has good resistance to leaf and stripe rust in addition to excellent straw strength soilborne virus and Hessian fly.

**KS Hamilton** Medium maturity, moderate shattering, good resistance, WSMV, stem rust, soilborne virus and Hessian fly. Intermediate to stripe and leaf rust. Best in Western Kansas and Eastern Colorado.

**WB 4595** A NEWER medium-tall, medium-maturity hard red winter wheat from WestBred with excellent yield potential and test weight. It is broadly adapted due to its' disease tolerances. Good tillering, fall growth and standability allow for a wide range of planting populations.

**LCS Julep** Released in 2019, this variety comes from the LCS Mint pedigree with rust a resistance package and drought tolerance as the main strengths. Julep has a high tiller count, quick emergence along with late spring green-up which has allowed this variety to handle the late freezes very well over the past few years.

**LCS Link** This Limagrain Cereal Seed variety was bred in collaboration with the University of Nebraska-Lincoln resulting in a variety with excellent straw strength and winterhardiness. It has shown a strong initial adaptation to the I-70 corridor and north. It has a good disease package with resistance to leaf, stem and stripe rust along with the barley yellow dwarf virus.

**WB 4462** A taller variety, good drought tolerance and winterhardiness. Medium maturity, SBMV resistance, moderately susceptible to stripe rust. Best adapted Northwest Kansas west of 281 Highway.

**WB 4418** Medium maturity, medium height, excellent straw strength. Moderately resistant to leaf and stripe rust. Resistance to Hessian fly.

**LCS Mint** This variety from Limagrain Cereal Seeds variety is a medium-tall height, medium-maturity hard red winter variety that has excellent drought tolerance and is excelling in the northern locations. LCS Mint has a very striking dark green plant color and is photo-period sensitive meaning that it will vary its maturity year to year more than non-sensitive varieties as LCS Mint responds to variation in day length. LCS Mint has intermediate resistance to stripe rust, but has excellent tolerance to acid soils along with exceptional milling and baking quality. So it may benefit from a fungicide application if heavy pressure on leaf or stripe rust.

**Butler's Gold** An Oklahoma Genetics, Inc. variety designed to excel in late-planting windows with expected wheat protein levels to exceed 13% at the recommended nitrogen application rates. Be sure and watch your seeding rate with the large seed. May need to increase the rate.

**Guardian** Medium height, medium maturity and has resistances to curl mite that can transmit the wheat virus complex. Moderate resistance to rusts. Medium maturity and good drought tolerance.

**LCS Runner** NEW release by Linagrain Cereal Seeds with a very good overall disease package, broad adaptability and its' excellent yield potential. It is a LCS Mint pedigree with improved Fusarium Head Blight tolerance (Head Scab), better standability and slightly earlier in maturity as well as good drought tolerance.

**LCS Steel** A Limagrain wheat variety with a medium-tall height and late maturing with excellent straw strength. It has a disease package with excellent tolerance to Fusarium Head Blight or Scab, Leaf Rust and Soil-borne mosaic. If you have cattle for grazing, this would be a great variety with its' quick emergence and tillering in the fall. A variety to keep an eye on with excellent yield potential and winterhardiness.

**LCS Revere** This is also a progeny of T158 that has a very quick fall emergence and establishment. It is a medium-height, medium-early maturity variety with high-tillering and excellent fall ground coverage. Revere includes an excellent rating for drought tolerance and excellent resistance for stripe rust.







