

Midway Extension District #15

Serving the counties of Ellsworth and Russell



2022 Wheat Demonstration Plot Russell

Date Planted 10/22/2021

Variety LCS Chrome

Fertility 100 lbs/acre urea applied pre plant + 130 lbs/acre urea applied post in February

Herbicide Sprayed Finesse + MCPE

Variety and Descriptions

LCS Chrome – Variety from Limagrain Cereal Seeds. It is a medium-late, medium-tall variety with broad adaptation. It has a very good disease package and responds well to most disease pressures in the field. It has good resistances to leaf rust, stripe rust, and stem rust.

LCS Revere – Variety from Limagrain Cereal Seeds. It is a progeny of T-158 that has a very quick fall emergence and establishment. Revere is a medium-height, medium-early maturing variety with high tillering and excellent fall ground cover. LCS Revere starts later than most in the spring. Its strengths include an excellent rating for drought tolerance and very good tolerance to stripe rust. This variety is certified seed only.

LCS Valiant – Variety from Limagrain Cereal Seeds. Medium height, medium maturing variety with high-end yield and stability across a large geography. This variety has excellent winterhardness, good fall ground cover, high tillering. Noted weaknesses are its susceptible rating to powdery mildew and moderate susceptibility to low-pH soils.

LCS Runner – Variety from Limagrain Cereal Seeds. LCS Runner is a new release. It has 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, better standability, and slightly earlier in maturity. LCS Runner still carries the great quality that LCS Mint is known for. This variety handles acid soil well and has excellent drought tolerance.

LCS Julep – Variety from Limagrain Cereal Seeds Julep comes from the LCS Mint pedigree and acts very similar with added benefits. LCS Julep is a true medium variety. Julep has good drought and heat tolerance, excellent straw strength, and rust resistance package.

LCS Atomix AX – Variety from Limagrain Cereal Seeds variety is a new CoAxiom variety that is early in maturity and is a short plant type. Limagrain anticipates this variety will be known for how well it handles heat and drought, providing yield stability in dry years, and still reaching tip-end yields in better conditions. Resistant to leaf and stripe rust. CoAxiom variety is resistant to the Aggressor brand herbicides to control problem grass weeds and volunteer cereals.

LCS Helix AX – Variety from Limagrain Cereal Seeds variety is medium-early with medium height. This variety is one of the most adaptable CoAxiom varieties available due to its top-end yield, high test weight, winterhardiness, acid soil tolerance, and resistance to stem and stripe rust. It would also do well in a limited grazing program. CoAxiom trait is to be used with the Aggressor herbicide system.

WB 4269 – Variety from WestBred

WB 4401 – Variety from WestBred is an early-medium variety medium in height with average straw strength. It rates intermediate for head scab (FHB). It has excellent early-season vigor for grazing potential.

WB 4699 - Variety from WestBred is a newer variety positioned along the I-35 corridor and to the east. Holds winter dormancy well, has a very good overall disease package, and has excellent yield potential.

WB Grainfield – Variety from WestBred grainfield is a mainstay variety with medium-late maturity, very well adapted west of I-35. It has good drought tolerance, and good overall leaf disease resistance.

KS Dallas – Variety from Kansas Wheat Alliance, it is medium maturity and medium height. It has good grain-shattering tolerance. It has good adaptation in the dryland production in western Kansas. KS Dallas has a strong disease package; its wheat streak mosaic virus resistance can hold up to around 70 degrees. Very good resistance to stem and leaf rust it is intermediate resistance to stripe rust and barley yellow dwarf—average on straw strength.

KS Western Star – Variety from Kansas Wheat Alliance. This variety is a medium maturity and medium-tall statured with very good drought tolerance and does well in central and western Kansas. Has moderate resistances to stripe rust, leaf rust, it does not have the resistant gene to wheat streak mosaic virus. However it has the wheat curl mite resistance gene and show resistance to wheat streak mosaic virus in the field. It has good straw strength and grain shattering resistance.

KS Ahearn – Variety from Kansas Wheat Alliance. Is a late maturing variety with excellent straw strength, good resistance to leaf, stripe and stem rusts. It has had excellent yield potential and has preformed well across widely disparate growing seasons.

KS Hatchett – Variety from Kansas Wheat Alliance, it is an early maturity variety with acceptable straw strength. Good resistance to stem and leaf rust. It has high tillering ability and early maturity make it an ideal choice for central Kansas following soybeans. It also offers hessian fly resistance and effective level of acid soil tolerance that many varieties in the central region lack.

Zenda – Variety from K-State. Released for a replacement of the Everest variety. It is a medium-early, medium-height variety that is expressing good yield potential for the central corridor and eastward. It has shown moderate resistance to leaf, stem, and stripe rust so far and to soilborne mosaic; however, it is moderately susceptible to wheat streak mosaic. Among the best of varieties regarding tolerance to scab (fusarium head blight) so a good choice after corn.

Doublestop CL Plus - OGI (Oklahoma Genetics, Inc.) variety with very consistent two-gene Clearfield genetics with much better tolerance to Beyond herbicide than one-gene Clearfield varieties. It has a generally good yield record in KSU and OSU tests and is moderately resistant to wheat streak mosaic. Doublestop CL+ is tall, late-maturing wheat with a great disease leaf package, especially with stripe and stem rust.

Rock Star – New variety from Polansky seed. Medium-season wheat suited to the central corridor of Kansas. Strengths include good ratings for fusarium head blight, leaf rust, and stripe rust. It also has good straw strength.

Paradise – Variety from Polansky. This variety has had a good yield record through central Kansas. Paradise is a medium-early variety with good stripe rust resistance and moderate tolerance to leaf rust, along with excellent fall forage production. Its milling and baking quality is excellent, along with good tillering and test weight.

SY Wolverine – New variety from AgriPro. An early-maturing variety has good standability and excellent yield potential in the central plains. Optimal for grain plus limited grazing. Strengths SY Wolf type disease tolerance to leaf spotting and bacteria, Improved WSMV complex tolerance, early maturing with stiff straw. Weaknesses are susceptible to aluminum in low pH soils.

AP EverRock - New variety from AgriPro intended for central Kansas for dryland and irrigated production. Has excellent tolerance to low pH soils, and barley yellow dwarf virus. It looks showy with fall forage for grazing opportunities. It is medium-short in height and medium-early maturity.

Bob Dole – Variety from KSU marketed by AgriPro. It is meant for the central corridor and comes with excellent tolerance to rust and some tolerance to scab. Bob Dole has a good overall disease package with resistance to leaf, stem, and stripe rust along with excellent baking and milling qualities. Good yield potential for the central region. Be sure and increase your seeding rate somewhat because of the large seed size.

SY Monument – Variety from AgriPro/Syngenta variety that is positioned for central and western Kansas, with the second-most planted wheat in KS. SY Monument has good stripe, leaf, and stem rust resistance, showing very high tillering and good test weight. This is a variety to keep an eye on! It is widely adapted and gaining popularity for a good reason, proving itself with consistency with an overall excellent leaf disease package and few weaknesses.