

SEED ASSOCIATE NETWORK

HARD RED SPRING WHEAT

AGRIMAX
FISHER, MN
218-891-2211
www.agrimaxllc.com

O'TOOLE SEED
CRYSTAL, ND
701-657-2127
www.otooleseed.com

UNITY SEED
CASSELTON, ND
701-347-5355
www.unityseed.com

WEST CENTRAL AG SERVICES
ULEN, MN
218-596-8821
www.westcentralag.com

GENERATION WHEAT
CANDO
701-739-0331/701-739-6208
hoggarthwheat21@gmail.com

EAST RIVER LLP
GRENVILLE, SD
701-269-1751
www.eastriverllp.com

ARROW K FARMS
BELFIELD, ND
701-260-0609
www.arrowkfarms.com

DURUM WHEAT

Birdsall Grain & Seed, LLC.
Berthold, ND
701-453-3300
www.birdsallgrainandseed.com

L & L Jones
Webster, ND
701-230-2109
ljones@gondtc.com

Agronomic and disease ratings¹ are based on TCG research from 2014-2020, and public university data. Disease ratings are based on prevailing races observed in ND/MN. Results may vary depending on location and year to year variation, disease race changes, and Mother Nature.

| | Leaf Rust | Stripe Rust | Stem Rust | Foliar Disease | Scab | Bacterial Leaf Streak (BLS) | Pre-Harvest Sprouting ² |
|----------------|-----------|-------------|-----------|----------------|------|-----------------------------|------------------------------------|
| TCG-Spiffire | 5 | 4 | * | 5 | 5 | 3 | 3.5 |
| TCG-Heartland | 5 | - | * | 4 | 4-5 | 6 | 1.5 |
| TCG-Wildcat | 4 | - | * | 4 | 6-7 | 4-5 | 1 |
| TCG-Teddy | 5 | - | * | 4 | 6 | 3 | 1.5 |
| TCG-Wildfire | 5 | 4 | * | 5 | 6 | 4 | 2 |
| TCG-Glennville | 5 | - | * | 5 | 5 | 5 | 3 |
| TCG-Badlands | 5 | - | * | 5 | 6 | 4 | 2 |

¹Ratings: 1=most resistant; 9=most susceptible. BLS rating includes leaf reaction and yield ability in presence of disease.

²Varieties with scores of 3 or higher should be harvested in a more timely fashion to preserve high falling numbers.

*Stem rust has not been observed in these varieties in TCG trials in which stem rust was observed in susceptible checks.

21st CENTURY GENETICS



HRS WHEAT, DURUM & FORAGE BARLEY 2023

www.tcgwheat.com

TCG varieties are bred in ND & MN to stand up and perform under management - to achieve top yield and \$/acre profitability for growers of the Northern Great Plains.

CERTIFIED SEED ONLY (CSO)

Varieties sold as -CSO- are patented and grain produced from certified seed cannot be saved and replanted.

CSO

DR. GREG FOX, Breeder
Cell: 701-429-3558
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HARD RED SPRING WHEAT VARIETIES



NEW: TCG-WILDCAT

WIDELY ADAPTED YIELDER

TCG-Wildcat is a widely adapted, easy threshing, medium height, medium early maturing variety, with a great combination of yield, standability, high protein, and test weight. Plant at normal rates for your area. TCG-Wildcat has good tolerance to preharvest sprouting, preserving high falling numbers, and a good coping reaction to BLS. It is MS-S for scab so well-timed fungicide is a must. TCG-Wildcat is a -CSO- variety.

Patent Pending; PVPA 1994

TCG-HEARTLAND

EARLY YIELD & PROTEIN

TCG-Heartland is an early maturing short variety with excellent standability, excellent yield potential, and very high protein and high TW. Plant at normal to high rates for your area. Performs best on medium textured well drained soils. Is tolerant to preharvest sprouting (PHS), preserving falling numbers. Use fungicide for optimum disease control. TCG-Heartland is a -CSO- variety.

US Patent; PVPA 1994

NEW: TCG-BADLANDS

IMPROVED WILDFIRE TYPE

TCG-Badlands is an improved alkali tolerant TCG-Wildfire type, better standability and yield; Limited (test marketing) in 2023. TCG-Badlands is a -CSO- variety.

Patent Application Pending

NEW: TCG-TEDDY

OUTSTANDING STANDABILITY

TCG-Teddy is a short, medium maturity variety with exceptional standability, excellent yield potential, and high protein and average TW. Teddy is tolerant to preharvest sprouting, preserving high falling numbers. It also has good tolerance to BLS. TCG-Teddy performs best at higher planting populations, 1.8M/A in the RRV area. Use fungicide for optimum disease control. TCG-Teddy is a -CSO- variety.

Patent Pending

TCG-SPITFIRE

YIELD ACROSS ENVIRONMENTS

TCG-Spitfire is a widely adapted across ND & MN, medium height, medium late maturing variety with an excellent combination of yield and standability, with medium protein. Plant at normal to high seeding rates for your area. Good BLS tolerance. Handles drought stress well. Harvest in a timely fashion to preserve falling numbers. Use fungicide for optimum disease control.

PVPA 1994

TCG-WILDFIRE

BIG YIELD ON ALKALI GROUND

TCG-Wildfire is a medium tall, early maturing variety, with good standability and good yield potential on your difficult fields such as water impacted alkali ground. Protein and TW are medium. Plant at normal rates for your area. Use fungicide for optimum disease control.

PVPA 1994



DURUM WHEAT

TCG-BRIGHT

GREAT QUALITY DURUM

TCG-Bright is a medium height, medium early maturity durum with excellent grain color and high HVAC. It's adapted to Western ND (Minot, West), like all durum is susceptible to scab, so fungicide is recommended.

PVPA 1994

NEW: TCG-RANGER

YIELD AND STANDABILITY DURUM

Big yield and standability with rapid dry down make this a durum that you need to look at. Limited (test marketing) marketing in 2023. TCG-Ranger is a -CSO- variety.

Patent and PVPA 1994 application pending



FORAGE BARLEY

AKF-BRAVADO

WIDE LEAVES & STAY GREEN

AKF-Bravado is designed with palatability and relative feed value in mind. It has good protein and pairs well with peas as a forage mix. Performs well on saltier soils. AKF-Bravado is a -CSO- variety.

PVPA 1994