### OBJECTIVE DESCRIPTION OF VARIETY

**TRITICALE (X Triticosecale Wittm.)**

#### NAME OF APPLICANT (S)

#### TEMPORARY OR EXPERIMENTAL DESIGNATION

#### VARIETY NAME

#### ADDRESS (Street and No. or RD No., City, State, Zip Code, and Country)

#### FOR OFFICIAL USE ONLY

<table>
<thead>
<tr>
<th>PVPO NUMBER</th>
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#### PLEASE READ ALL INSTRUCTIONS CAREFULLY:

Place the appropriate number that describes the varietal character of this variety in the spaces below. Place a zero in the first space (e.g. 0 9 or 0 9 9) when number is either 99 or less or 9 or less respectively.

#### 1. GROWTH HABIT

1a. **USE**

- **1 = Spring**
- **2 = Intermediate**
- **3 = Winter**

- **Forage**
- **Dual**

- **Juvenile Plant Growth:**
  - **1 = Prostrate**
  - **2 = Semi-Prostrate**
  - **3 = Erect**

- **Photoperiod:**
  - **1 = Insensitive**
  - **2 = Sensitive**

- **Photoperiod:**
  - **1 = Insensitive**
  - **2 = Sensitive**

#### 2. PLOIDY

- **1 = Hexaploid**
- **2 = Octoploid**
- **3 = Other (Specify):**

- **2n Chromosome Number**

#### 3. MATURITY

- **1 = Very Early**
- **2 = Early**
- **3 = Mid-Season**
- **4 = Late**
- **5 = Very Late**

- **Days Earlier Than**

- **Same as Check**

- **Days Later Than**

#### 4. HEIGHT

- **1 = Dwarf**
- **2 = Semi-Dwarf**
- **3 = Short**
- **4 = Mid-Tall**
- **5 = Tall**

- **cm High**

- **cm. Shorter Than**

- **Same as Check**

- **cm. Taller Than**

* Relative to a Commercial Variety Grown in the Same Trial
5. PLANT COLOR AT BOOT STAGE
   ___ 1 = Yellow-Green  2 = Green  3 = Blue-Green

6. STEM
   ___ Anthocyanin: 1 = Absent  2 = Present
   ___ Neck Hairiness: 1 = None  2 = Slight  3 = Moderate  4 = Heavy
   ___ Shape of Neck: 1 = Straight  2 = Wavy  3 = Other (Specify) ______________________________

7. LEAVES
   ___ Flag Leaf: 1 = Not Twisted  2 = Twisted
       ___ cm Leaf Length (1st leaf below flag leaf)
   ___ Waxy Bloom On Leaf At Boot: 1 = Absent  2 = Present
       ___ mm Leaf Width (1st leaf below flag leaf)
   ___ Leaf Carriage: 1 = Upright  2 = Recurved  3 = Drooping
       ___ cm Leaf Length
       ___ mm Leaf Width
       ___ Auricle Color: 1 = Colorless or White  2 = Purple  3 = Other (specify)__________________________

8. HEAD
   ___ Density: 1 = Lax  2 = Mid-dense  3 = Dense
   ___ Shape: 1 = Fusiform  2 = Oblong  3 = Clavate  4 = Elliptical  5 = Other (Specify) ______________________________
   ___ Awnedness: 1 = Awnless  2 = Apically Awnletted  3 = Awnletted  4 = Awned
   ___ Awn Color: 1 = White  2 = Yellow  3 = Tan  4 = Brown  5 = Black
       ___ cm Head Length
       ___ mm Head Width

9. GLUMES AT MATURITY
   ___ Pubescence: 1 = Glabrous  2 = Slightly Pubescent  3 = Pubescent
   ___ Color: 1 = White  2 = Yellow  3 = Tan  4 = Brown  5 = Black
   ___ Length: 1 = Short  2 = Mid-Long  3 = Long
   ___ Width: 1 = Narrow  2 = Mid-Wide  3 = Wide
   ___ Shoulder: 1 Wanting  2 = Oblique  3 = Rounded  4 = Square  4 = Elevated  6 = Apiculate
   ___ Beak: 1 = Obtuse  2 = Acute  3 = Acuminate

10. COLEOPTILE COLOR
    ___ 1 = White  2 = Green  3 = Purple

11. SEED
    ___ Shape: 1 = Ovate  2 = Oval  3 = Elliptical
    ___ Smoothness: 1 = Smooth  2 = Slightly Wrinkled  3 = Wrinkled
    ___ Brush Area: 1 = Small  2 = Mid-Size  3 = Large
    ___ Brush Length: 1 = Short  2 = Mid-Long  3 = Long
    ___ Phenol Reaction: 1 = Ivory  2 = Fawn  3 = Light-Brown  4 = Brown  5 = Brown-Black
    ___ Color: 1 = White  2 = Amber  3 = Red  4 = Purple  5 = Black  6 = Other (Specify) ______________________________
    ___ GMS Per 1,000 Seed
12. DISEASE (0 = Not Tested  1 = Susceptible  2 = Resistant  3 = Tolerant)

___ Stem Rust (Races) ______________________________  ___ Leaf Rust (Races) ______________________________

___ Stripe Rust (Races) ______________________________  ___ Ergot

___ Powdery Mildew _______________________________  ___ Bacterial Stripe

___ Septoria ________________________________  ___ Yellow Dwarf

___ Other (Specify) ______________________________  ___ Other (Specify) ______________________________

13. DISEASE (0 = Not Tested  1 = Susceptible  2 = Resistant  3 = Tolerant)

___ Greenbug  

___ Cereal Leaf Beetle  ___ GP  ___ A  ___ B  ___ C

___ Other (Specify) ______________________________  ___ D  ___ E  ___ F  ___ G  ___ M

14. INDICATE WHICH VARIETY MOST CLOSELY RESEMBLES THAT SUBMITTED

<table>
<thead>
<tr>
<th>Character</th>
<th>Variety</th>
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<tbody>
<tr>
<td>Plant Tillering</td>
<td></td>
</tr>
<tr>
<td>Winter Hardiness</td>
<td></td>
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<tr>
<td>Area Of Adaptation</td>
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<tr>
<td>Seed Shape</td>
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REFERENCES


COMMENTS