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Exhibit C

**U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
SCIENCE AND TECHNOLOGY
PLANT VARIETY PROTECTION OFFICE
BELTSVILLE, MD 20705**

OBJECTIVE DESCRIPTION OF VARIETY

Wheat (*Triticum* spp.)

NAME OF APPLICANT (S) TEMPORARY OR EXPERIMENTAL DESIGNATION VARIETY NAME

TX01D3232

TAM 304

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

**FOR OFFICIAL USE ONLY
PVPO NUMBER**

PLEASE READ ALL INSTRUCTIONS CAREFULLY:

Place the appropriate number that describes the varietal character of this variety in the boxes below. Place a zero in the first box (e.g., 0 9 9 or 0 9)

when number is either 99 or less or 9 or less respectively. Data for quantitative plant characters should be based on a minimum of 100 plants. Comparative data

should be determined from varieties entered in the same trial. Royal Horticultural Society or any recognized color standard may be used to determine plant colors;

designate system used: _____ . Please answer all questions for your variety; lack of response may delay progress of your application.

1. KIND:

1

- 1 = Common
- 2 = Durum
- 3 = Club
- 4 = Other (Specify) _____

2. VERNALIZATION:

2

- 1 = Spring
- 2 = Winter
- 3 = Other (Specify) _____

3. COLEOPTILE ANTHOCYANIN:

2

- 1 = Absent
- 2 = Present

4. JUVENILE PLANT GROWTH:

2

- 1 = Prostrate
- 2 = Semi-Erect
- 3 = Erect

5. PLANT COLOR: (boot stage)

2

- 1 = Yellow-Green
- 2 = Green
- 3 = Blue-Green

6. FLAG LEAF: (boot stage)

1

- 1 = Erect
- 2 = Recurved

2

- 1 = Not Twisted
- 2 = Twisted

1

- 1 = Wax Absent
- 2 = Wax Present

7. EAR EMERGENCE:

1 1 4

Number of Days (Average) Day of the year when planted in the Fall.

5

Number of Days Earlier Than * Sturdy 2K

Same As * _____

1

Number of Days Later Than * TAM 110
*Relative to a Commercial Variety Grown in the Same Trial

8. ANTHOR COLOR:

1

- 1 = Yellow
- 2 = Purple

9. PLANT HEIGHT: (from soil to top of head, excluding awns)

cm (Average of 10 field trial locations in Texas)

cm Taller Than _____ *

Same As _____ TAM 110 _____ *

cm Shorter Than _____ Sturdy 2K _____ *

10. STEM:

A. ANTHOCYANIN

1 = Absent 2 = Present

D. INTERNODE

1 = Hollow 2 = Semi-Solid 3 = Solid

B. WAXY BLOOM

1 = Absent 2 = Present

E. PEDUNCLE

1 = Erect 2 = Recurved 3 = Semi-Erect

C. HAIRINESS (last internode of rachis)

1 = Absent 2 = Present

F. AURICLE

Anthocyanin 1 = Absent 2 = Present

Hair: 1 = Absent 2 = Present

11. HEAD: (at maturity)

A. DENSITY

1 = Lax
2 = Mid-dense (Laxidense)
3 = Dense

C. CURVATURE

1 = Erect
2 = Inclined
3 = Recurved

B. SHAPE

1 = Tapering
2 = Strap
3 = Clavate
4 = Other (Specify) Oblong

D. AWNEDNESS

1 = Awnless
2 = Apically Awnletted
3 = Awnletted
4 = Awned

12. GLUMES: (at maturity)

A. COLOR

1 = White
2 = Tan
3 = Other (Specify) _____

E. BEAK WIDTH

1 = Narrow
2 = Medium
3 = Wide

Exhibit C (Wheat)

B. SHOULDER

- 2 1 = Wanting 2 = Oblique
 3 = Rounded 4 = Square
 5 = Elevated 6 = Apiculate
 7 = Other (Specify) _____

F. GLUME LENGTH

- 2 1 = Short (ca. 7mm)
 2 = Medium (ca. 8mm)
 3 = Long (ca. 9mm)

C. SHOULDER WIDTH

- 2 1 = Narrow
 2 = Medium
 3 = Wide

G. WIDTH

- 2 1 = Narrow (ca. 3mm)
 2 = Medium (ca. 3.5mm)
 3 = Long (ca. 4mm)

D. BEAK

- 3 1 = Obtuse
 2 = Acute
 3 = Acuminate

13. SEED:

A. SHAPE

- 1 1 = Ovate
 2 = Oval
 3 = Elliptical
 4 = Other (Specify) _____

E. COLOR

- 3 1 = White
 2 = Amber
 3 = Red

B. CHEEK

- 1 1 = Rounded
 2 = Angular
 3 = Other (Specify) _____

F. TEXTURE

- 1 1 = Hard
 2 = Soft

C. BRUSH

- 2 1 = Short 1 = Not Collared
 2 = Medium 2 = Collared
 3 = Long

G. PHENOL REACTION

- 1 = Ivory 4 = Dark- Brown
 2 = Fawn 5 = Black
 3 = Light- Brown

D. CREASE

- 1 1 = Width 60% or less of Kernel
 2 = Width 80% or less of Kernel
 3 = Width Nearly as Wide as Kernel

H. SEED WEIGHT

- 29 g/1000 Seed (average) (whole number only)

- 1 1 = Depth 20% or less of Kernel
 2 = Depth 35% or less of Kernel
 3 = Depth 50% or less of Kernel

I. GERM SIZE

- 2 1 = Small
 2 = Mid-Size
 3 = Large

14. DISEASE: (0 = Not Tested 1 = Susceptible 2 = Resistant 3 = Intermediate 4 = Tolerant)

PLEASE INDICATE THE SPECIFIC RACE OR STRAIN TESTED

2 Stem Rust (*Puccinia graminis* f. sp. *tritici*)

2 Leaf Rust (*Puccinia recondita* f. sp. *tritici*)

3 Stripe Rust (*Puccinia striiformis*)

0 Loose Smut (*Ustilago tritici*)

0 Tan Spot (*Pyrenophora tritici-repentis*)

0 Flag Smut (*Urocystis agropyri*)

Exhibit C (Wheat)

- 0 Halo Spot (*Selenophoma donacis*)
- 0 *Septoria nodorum* (Glume Blotch)
- 0 *Septoria avenae* (Speckled Leaf Disease)
- 0 *Septoria tritici* (Speckled Leaf Blotch)
- 0 Scab (*Fusarium* spp.)
- 0 "Black Point" (Kernel Smudge)

- 0 Barley Yellow Dwarf Virus (BYDV)
- Soilborne Mosaic Virus (SBMV)

- 0 Wheat Yellow (Spindle Streak) Mosaic Virus
- Wheat Streak Mosaic Virus (WSMV)
- Other (Specify) _____
- Other (Specify) _____
- Other (Specify) _____

- 0 Common Bunt (*Tilletia tritici* or *T. laevis*)
- 0 Dwarf Bunt (*Tilletia controversa*)
- 0 Karnal Bunt (*Tilletia indica*)
- 3 Powdery Mildew (*Erysiphe graminis* f. sp. *tritici*)
- 0 "Snow Molds"
- 0 Common Root Rot (*Fusarium*, *Cochliobolus* and *Bipolaris* spp.)
- 0 Rhizoctonia Root Rot (*Rhizoctonia solani*)
- 0 Black Chaff (*Xanthomonas campestris* pv. *translucens*)
- 0 Bacterial Leaf Blight (*Pseudomonas syringae* pv. *syringae*)
- Other (Specify) _____
- Other (Specify) _____
- Other (Specify) _____
- Other (Specify) _____

15. INSECT: (0 = Not Tested 1 = Susceptible 2 = Resistant 3 = Intermediate 4 = Tolerant)

PLEASE SPECIFY BIOTYPE (where needed)

- Hessian Fly (*Mayetiola destructor*)
- 0 Stem Sawfly (*Cephus* spp.)
- 0 Cereal Leaf Beetle (*Oulema melanopa*)
- 0 Russian Aphid (*Diuraphis noxia*)
- Greenbug (*Schizaphis graminum*) - biotype E
- 0 Aphids

- Other (Specify) - Wheat curl mite
- Other (Specify) _____
- Other (Specify) _____
- Other (Specify) _____
- Other (Specify) _____
- Other (Specify) _____

16. ADDITIONAL INFORMATION ON ANY ITEM ABOVE, OR GENERAL COMMENTS: