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

**Exhibit C**

**OBJECTIVE DESCRIPTION OF VARIETY  
Oat (*Avena* spp.)**

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
		PVPO NUMBER

Place the appropriate number that describes the varietal character of this variety in the boxes below. Place a zero in the first box (i.e.,  or ) when the number is either 99 or less or 9 or less.

**1. SPECIES:**

1 = *Sativa*      2 = *Byzantina*      3 = *Nuda*      4= Other (Specify) \_\_\_\_\_

**2: USE:**

1 = Animal Feed    2 = Silage    3 = Green Manure    4 = Human Consumption  
5 = Cereal Grain    6 = Other (Specify) \_\_\_\_\_

**3. GROWTH HABIT:**

1 = Winter                  2 = Semi-Winter      3 = Spring  
 Juvenile Growth:    1 = Prostrate          2 = Semi-Prostrate      3 = Erect

**4. MATURITY:** (50% Flowering)

Number of days  
 No. Days Earlier Than \* \_\_\_\_\_  
 Same as Check \* \_\_\_\_\_  
 No. of Days Later Than \* \_\_\_\_\_  
 Season:                      1 = Very Early (Jaycee)    2 = Early (Nodaway 70)    3 = Mid-Season (Clintford)  
    4 = Late (Lodi)    5 = Very Late (Gerry)    6 = Extremely Late (Mackinaw)

**5. PLANT HEIGHT:** (From Soil Level to Top of Head)

cm Tall  
 cm Shorter Than \* \_\_\_\_\_  
 Same as Check \* \_\_\_\_\_  
 cm Taller Than \* \_\_\_\_\_

\* Relative to a Commercial Variety Grown in the Same Trial

**6. STEM:**

Diameter: 1 = Fine (Kherson) 2 = Medium (Clintford) 3 = Coarse (Nodaway 70)

Hairiness at Upper Culm Nodes: 1 = Hairless 2 = Hairy

Mature Stem Color 1 = Yellow 2 = Reddish

**7. LEAF:** (Leaf Color: The Royal Horticultural Society's or any recognized color chart should be used to determine the leaf color of the described variety.)

Carriage: 1 = Drooping (Random) 2 = Erect (Walken)

Color: 1 = Yellow-Green 2 = Light Green 3 = Dark Green 4 = Blue-Green

mm Width (First leaf below flag leaf)  Leaf Margin: 1 = Glabrous 2 = Ciliate

Ligule: 1 = Absent 2 = Present  Leaf Sheath: 1 = Hairless 2 = Hairy

**8. HEAD:**

Panicle Shape: 1 = Equilateral 2 = Intermediate 3 = Side Panicle (Unilateral)

Attachment of Lower Whorl of Branches: 1 = First Node 2 = Second Node (False Node)

Panicle Size: 1 = Small (Yancey) 2 = Medium (Walken) 3 = Large (Markton)

Panicle Width: 1 = Narrow (Gopher) 2 = Midbroad (Yancy) 3 = Broad (Nodaway 70)

cm Panicle Length  Number of Branches  Number of Whorls of Branches

Position of Branches: 1 = Ascending (Yancey) 2 = Spreading (Cayuse) 3 = Drooping (Markton)  
4 = Pectinate (White Tarter) 5 = Confused (Storm King)

**9. RACHIS:**

1 = Recurved (Yancey) 2 = Erect (Walken)  •  mm Second Floret Rachilla Segment Length

Second Floret Rachilla Segment: 1 = Hairless 2 = Hairy  Rachilla Hairs: 1 = Short 2 = Long

**10. SPIKELET:**

Spikelet Separation by: 1 = Abscission 2 = Semi-Abscission 3 = Fracture

Floret Separation by: 1 = Disarticulation 2 = Heterofracture 3 = Basifracture

•  Florets per Spikelet (Mean no.)

**11. GLUMES:** (Glume Color: The Royal Horticultural Society's or any recognized color chart should be used to determine the leaf color of the described variety.)

mm Width  mm Length  No. of Veins on Glumes  Color: 1 = White 2 = Yellow 3 = Red 4 = Striped

**12. LEMMA:** (Lemma Color: The Royal Horticultural Society's or any recognized color chart should be used to determine the leaf color of the described variety.)

mm Length  Color: 1 = White 2 = Yellow 3 = Red 4 = Gray 5 = Black

Hairiness of Dorsal Surface: 1 = Hairless 2 = Hairy

**13. AWN:** (First Floret)

Occurrence: 1 = Absent (Walken) 2 = Infrequent (Yancey) 3 = Common (Chilocco) 4 = Frequent (Random)

Type: 1 = Non-Twisted 2 = Twisted 3 = Twisted Geniculate

mm Awn Length

