

6. HEIGHT

___ cm High (at Maturity).....	1 = Dwarf	2 = Semi-Dwarf	3 = Short
___ cm Shorter Than	4 = Mid-Tall	5 = Tall	
Height Same As	1 = Von Lochow	2 = Frontier	3 = Cougar
___ cm Taller Than	4 = Rymin	5 = Florida Black	6 = Weser
	7 = Gator		

7. STEM

___ mm Stem Diameter (4 inches above ground) ___ Nodes: 1 = Solid 2 = Intermediate 3 = Hollow

___ Neck Hairiness: 1 = Glabrous 2 = Slightly Hairy 3 = Moderately Hairy 4 = Densely Hairy

___ Anthocyanin In Uppermost Node: 1 = Absent 2 = Present

___ cm Internode Length (Between flag leaf and leaf below)

___ More Tillers Than	}	1 = Von Lochow	2 = Weser	3 = Frontier
___ Same Number of Tillers As		4 = Tetra Petkus		
___ Fewer Tillers Than				

Resistance to Lodging: 1 = Good (Seldom lodged) 2 = Fair (Often lodged) 3 = Poor (Usually lodged)

8. LEAVES

___ cm Leaf Length (1st leaf below flag leaf) ___ mm Leaf Width (1st leaf below flag leaf)

___ Flag Leaf: 1 = Not Twisted 2 = Twisted ___ No. Leaves Originating from Nodes Above Ground

___ Waxy Bloom On Leaf (at boot): 1 = Absent 2 = Slightly Waxy 3 = Waxy

___ Upper Leaf Surface (at boot): 1 = Glabrous 2 = Lightly Spinous 3 = Pubescent

___ Leaf Color (at boot): 1 = Dark Green (Frontier, Weser) 2 = Light Green (Florida Black) 3 = Other (Specify) _____

___ Main Stem Leaf Habit (during tillering): 1 = Upright 2 = Recurved 3 = Drooping

___ Main Stem Leaf Habit (at boot): 1 = Upright 2 = Recurved 3 = Drooping

___ Leaf Sheath (at boot): 1 = Glabrous 2 = Lightly Spinous 3 = Pubescent

___ Anthocyanin in Auricles: 1 = Absent 2 = Present

9. HEAD

___ Density: 1 = Lax (Frontier) 2 = Mid-Dense (Tetra Petkus) 3 = Dense (Cougar)

___ Attitude: 1 = Erect 2 = Slightly Curved 3 = Inclined

___ Shape: 1 = Fusiform (Tapering) 2 = Parallel 3 = Oblong 4 = Elliptical 5 = Clavate 6 = Other (Specify) _____

___ Waxy Bloom: 1 = Absent 2 = Slightly Waxy 3 = Waxy

___ Anthocyanin: 1 = Absent 2 = Present

___ Resistance to Shattering: 1 = Good 2 = Fair 3 = Poor

___ Head Length: 1 = Long 2 = Mid-Long to Long 3 = Mid-Long 4 = Short to Mid-Long 5 = Short

___ cm Head Length (Excluding Awns) ___ cm Awn Length

___ mm Head Width

___ Anthocyanin in Awns: 1 = Absent 2 = Slightly Pigmented 3 = Strongly Pigmented

10. COLEOPTILE COLOR

___ 1 = Green 2 = Red (Purple) 3 = Mixed

11. SEED

Color (Total = 100%)

% Black % Gray % Blue % Blue-Green
 % Green % Olive-Green % Yellow % Tan
 % Brown % Other (Specify) _____ % Other (Specify) _____
 Aleurone Color: 1 = Colorless (White) 2 = Blue
 Endosperm: 1 = Light 2 = Dark 3 = Mixed
 Shape: 1 = Elliptical 2 = Fusiform 3 = Other (Specify) _____
 Size: 1 = Small (Caribou) 2 = Medium (Puma) 3 = Large (Rymin) 4 = Very Large (Tetra Petkus)
 . mm Wide . mm Long Surface: 1 = Smooth 2 = Other (Specify) _____

12. DISEASE AND INSECT RESISTANCE (0 = Not Tested 1 = Susceptible 2 = Resistant. Indicate as completely as possible including species and races where known)

	Comments
<input type="text"/> Leaf rust – <i>Puccinia recondita</i>	_____
<input type="text"/> Stem rust – <i>P. graminis secalis</i>	_____
<input type="text"/> Stripe rust – <i>P. glumarum</i>	_____
<input type="text"/> Powdery mildew – <i>Erysiphe graminis secalis</i>	_____
<input type="text"/> Anthracnose – <i>Colletotrichum graminicola</i>	_____
<input type="text"/> Scald – <i>Rhynchosporium secalis</i>	_____
<input type="text"/> Ergot – <i>Claviceps purpurea</i>	_____
<input type="text"/> Other Disease _____	_____
<input type="text"/> Other Disease _____	_____
<input type="text"/> Insect _____	_____
<input type="text"/> Insect _____	_____

13. INDICATE WHICH VARIETY MOST CLOSELY RESEMBLES THE APPLICATOIN VARIETY FOR THE FOLLOWING CHARACTERS:

Character	Variety	Character	Variety
Growth Habit		Tillering	
Leaf Width		Ear Emergence	
Leaf Length		Area of Adaptation	
Leaf Color		Winter Hardiness	
Leaf Carriage		Drought Resistance	
Seed Shape		Lodging	
Seed Size		Shattering	

14. ADDITIONAL DESCRIPTION (Use additional sheets as required):

Describe all characteristics that cannot be adequately described in the form above. Comparative varieties should be used where appropriate, such as for disease. Append all comparative trial and evaluatoin data.