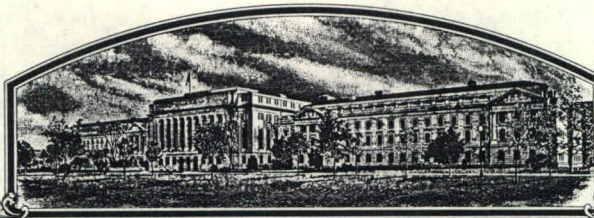


No.

8400152



# THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

## W. Weibull AB

Whereas, THERE HAS BEEN PRESENTED TO THE  
**Secretary of Agriculture**

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED NOVEL VARIETY OF SEXUALLY REPRODUCED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF *eighteen* YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR IMPORTING IT, OR EXPORTING IT, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT. THE UNITED STATES SEED OF THIS VARIETY (1) SHALL BE SOLD BY VARIETY NAME ONLY AS MASS OF CERTIFIED SEED AND (2) SHALL CONFORM TO THE NUMBER OF GENERATIONS DETERMINED BY THE OWNER OF THE RIGHTS. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

CHEWINGS FESCUE

'Wilma'

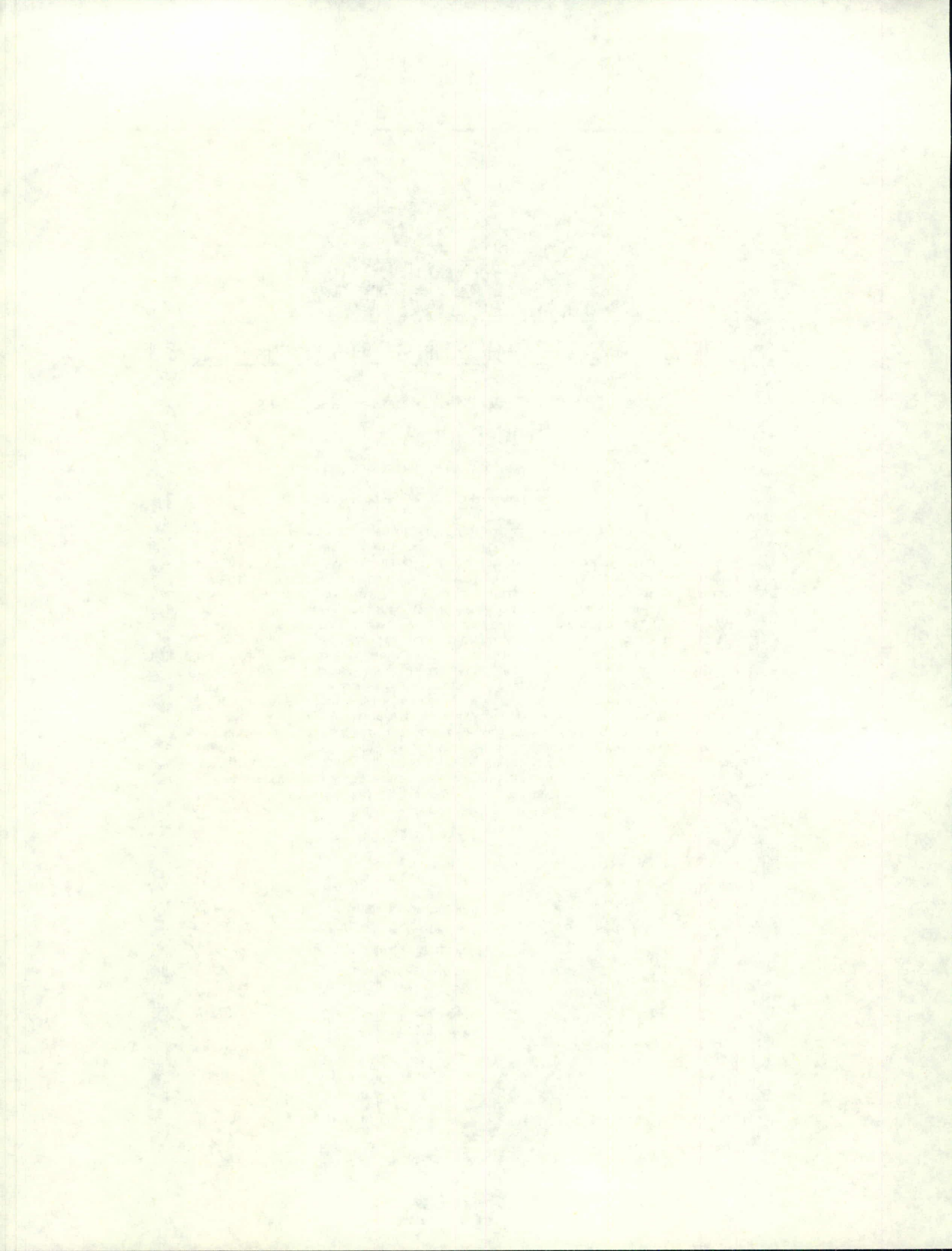
In Testimony Whereof, I have hereunto set my hand and caused the seal of the Plant Variety Protection Office to be affixed at the City of Washington, D.C. this 28th day of February in the year of our Lord one thousand nine hundred and eighty-six.

Attest

*Kenneth B. ...*  
Commissioner  
Plant Variety Protection Office  
Agricultural Marketing Service

*[Signature]*  
Acting Secretary of Agriculture





U.S. DEPARTMENT OF AGRICULTURE  
 AGRICULTURAL MARKETING SERVICE  
 WAREHOUSE & SEED DIVISION

FORM APPROVED: OMB NO. 0581-0055

Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). Information is held confidential until certificate is issued (7 U.S.C. 2426).

**APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE**

(Instructions on reverse)

1. NAME OF APPLICANT(S) W Weibull AB		2. TEMPORARY DESIGNATION WW Rs 107		3. VARIETY NAME Wilma	
4. ADDRESS (Street and No. or R.F.D. No., City, State, and Zip Code) Box 520 S-261 24 Landskrona Sweden		5. PHONE (Include area code) 00946-418-78000		FOR OFFICIAL USE ONLY PVPO NUMBER 8400152	
6. GENUS AND SPECIES NAME Festuca rubra commutata		7. FAMILY NAME (Botanical) Poaceae		FILING DATE 9/11/84 TIME 2:30 <input type="checkbox"/> A.M. <input checked="" type="checkbox"/> P.M.	
8. KIND NAME Chewings fescue		9. DATE OF DETERMINATION 23.5.1983		FEES RECEIVED AMOUNT FOR FILING \$ 1,800 DATE 9/11/84 AMOUNT FOR CERTIFICATE \$ <del>1,800</del> 200. DATE <del>9/11/84</del> 2/3/86	
10. IF THE APPLICANT NAMED IS NOT A "PERSON," GIVE FORM OF ORGANIZATION (Corporation, partnership, association, etc.) Corporation				11. IF INCORPORATED, GIVE STATE OF INCORPORATION Sweden	
11. IF INCORPORATED, GIVE STATE OF INCORPORATION Sweden				12. DATE OF INCORPORATION 1970	
13. NAME AND ADDRESS OF APPLICANT REPRESENTATIVE(S), IF ANY, TO SERVE IN THIS APPLICATION AND RECEIVE ALL PAPERS Mr Göran Ewertson W Weibull AB Box 520, 261 24 Landskrona, Sweden PHONE (Include area code): 00946-418-78000					

14. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED

- a.  Exhibit A, Origin and Breeding History of the Variety (See Section 52 of the Plant Variety Protection Act.)
- b.  Exhibit B, Novelty Statement
- c.  Exhibit C, Objective Description of the Variety (Request form from Plant Variety Protection Office.)
- d.  Exhibit D, Additional Description of the Variety

15. DOES THE APPLICANT(S) SPECIFY THAT SEED OF THIS VARIETY BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED SEED? (See Section 83(a) of the Plant Variety Protection Act.)  Yes (If "Yes," answer items 16 and 17 below)  No

16. DOES THE APPLICANT(S) SPECIFY THAT THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS?  Yes  No

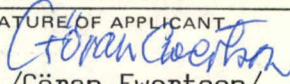
17. IF "YES" TO ITEM 16, WHICH CLASSES OF PRODUCTION BEYOND BREEDER SEED?  Foundation  Registered  Certified

18. DID THE APPLICANT(S) FILE FOR PROTECTION OF THE VARIETY IN THE U.S.?  Yes (If "Yes," give date)  No  
 (no application for PVP prior to the present one.)

19. HAS THE VARIETY BEEN OFFERED FOR SALE OR MARKETED IN THE U.S. OR OTHER COUNTRIES?  Yes (If "Yes," give names of countries and dates)  No

20. The applicant(s) declare(s) that a viable sample of basic seeds of this variety will be furnished with the application and will be replenished upon request in accordance with such regulations as may be applicable.  
 The undersigned applicant(s) is (are) the owner(s) of this sexually reproduced novel plant variety, and believe(s) that the variety is distinct, uniform, and stable as required in Section 41, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act.

Applicant(s) is (are) informed that false representation herein can jeopardize protection and result in penalties.

SIGNATURE OF APPLICANT  /Göran Ewertson/	DATE 30.8.1984
W Weibull AB	DATE
SIGNATURE OF APPLICANT	DATE

## INSTRUCTIONS

**General:** Send an original copy of the application and exhibits, at least 2,500 viable seeds, and \$1,800 fee (*\$200 filing fee and \$1,600 examination fee*) to U.S. Department of Agriculture, Agricultural Marketing Service, Warehouse and Seed Division, Plant Variety Protection Office, National Agricultural Library Building, Beltsville, Maryland 20705. (*See section 180.175 of the Regulations and Rules of Practice.*) Retain one copy for your files. All items on the face of the form are self-explanatory unless noted below.

### Item

- 9 Give the date the applicant determined that he had a new variety based on (1) the definition in section 41(a) of the Act and (2) the date a decision was made to increase the seed.
- 14a Give: (1) the genealogy, including public and commercial varieties, lines, or clones used, and the breeding method; (2) the details of subsequent stages of selection and multiplication; (3) the type and frequency of variants during reproduction and multiplication and state how these variants may be identified and (4) evidence of uniformity and stability.
- 14b Give a summary statement of the variety's novelty. Clearly state how this novel variety may be distinguished from all other varieties in the same crop. If the new variety most closely resembles one or a group of related varieties: (1) identify these varieties and state all differences objectively; (2) attach statistical data for characters expressed numerically and demonstrate that these are clear differences; and (3) submit, if helpful, seed and plant specimens or photographs of seed and plant comparisons clearly indicating novelty.
- 14c Fill in the Exhibit C, Objective Description form, for all characteristics for which you have adequate data.
- 14d Describe any additional characteristics that are not described, or whose description cannot be accurately conveyed in Exhibit C. Use comparative varieties as is necessary to reveal more accurately the description of characteristics that are difficult to describe, such as plant habit, plant color, disease resistance, etc.
- 15 If "Yes" is specified (*seed of this variety be sold by variety name only as a class of certified seed*) the applicant may **NOT** reverse his affirmative decision after the variety has either been sold and so labeled, his decision published, or the certificate has been issued. However, if the applicant specified "No," he may change his choice. (*See section 180.16 of the Regulations and Rules of Practice.*)
- 16 See section 42 of the Plant Variety Protection Act and section 180.7 of the Regulations and Rules of Practice.



Origin and breeding history of Wilma, Chewings fescue.

The Chewings fescue variety Wilma was developed by the Weibullsholm Plant Breeding Institute in Landskrona, Sweden. It originates from material collected at the golf course of Örebro in Middle Sweden in 1970. Repeated plant selection for various turf characteristics were carried out. This resulted in a medium dark, fineleaved variety with high shoot density and other good turf characteristics. The experimental designation of Wilma has been WW Rs 107. Wilma is being maintained by the breeders at the Weibullsholm Plant Breeding Institute in consultation with and under the control of the Swedish State Seed Testing and Certification Institute. The variety is maintained as a population. At appropriate intervals Wilma is space-planted, producing new elite seed.

Wilma received plant variety protection and was added to the national list in West Germany on 22.12.1983. It is presently undergoing official trials in Denmark, Finland, France, Sweden and the United Kingdom.

24.8.1984

W WEIBULL. AB

PW/KJ

8400123

RECEIVED

SEP 11 1964



U.S. DEPARTMENT

AGRICULTURE

AMS  
EVPO

Mr Joseph J. Higgins, Examiner  
Plant Variety Protection Office  
United States Department of Agriculture  
BELTSVILLE, Maryland 20705  
USA

Dear Mr Higgins,

Re.: Chewings Fescue Application No. 8400152 "Wilma".

Below you will find additional information for our PVP application for Chewings Fescue "Wilma".

Additional statement

Exhibit A. "Wilma" appears stable and uniform through 3 generations of spaced plantings and during our seed increase program. No variants have been observed.

Novelty statement. In our opinion "Wilma" most closely resembles "Koket", so we ask you to kindly change Exhibit B accordingly.

Heading date. The values given represent the heading date in May, this being a mean calculated on the basis of the 33 to 40 single plants observed per variety (figures given with one decimal).

Yours sincerely,

W WEIBULL AB

  
Göran Ewertson

RECEIVED  
NOV 19 1984  
U.S. DEPARTMENT  
OF AGRICULTURE  
PLANTS  
BYPO



Novelty Statement for Wilma Chewings fescue.

11/23/84  
ggH

*MOST CLOSELY*  
Wilma resembles the variety Koket but differs from it in the following characteristics:

Wilma has a shorter straw and a shorter panicle than Koket. It is later in heading date. At the flowering stage Wilma is less erect than Koket.

Measurements at Weibullsholm, Landskrona, Sweden:

<u>Character</u>	<u>Measured, date</u>	<u>Wilma</u>	<u>Koket</u>	<u>t<sub>diff</sub></u>
Panicle emergence	May 1983	13.6 ± 0.6 (39)	12.3 ± 0.5 (40)	1.74
	May 1984	15.7 ± 0.4 (36)	14.2 ± 0.4 (33)	2.44*
Plant height, mm	1983-06.27	887.7 ± 13.0 (39)	929.4 ± 12.1 (40)	2.35*
	1984-07-15	609.2 ± 17.8 (35)	628.0 ± 9.9 (34)	0.92
Panicle length, mm	1983-06-27	136.0 ± 3.2 (39)	139.4 ± 3.7 (40)	0.67
	1984-07-15	83.1 ± 2.6 (35)	92.9 ± 2.8 (34)	2.55*

24.8.1984  
W WEIBULL AB  
PW/KJ

8400193

RECEIVED

SEP 11 1984



AMS

PVPO

U.S. DEPARTMENT OF AGRICULTURE  
 AGRICULTURAL MARKETING SERVICE  
 LIVESTOCK, MEAT, GRAIN & SEED DIVISION  
 PLANT VARIETY PROTECTION OFFICE  
 BELTSVILLE, MARYLAND 20705

EXHIBIT C  
 (Fine Leaved Fescues)

**OBJECTIVE DESCRIPTION OF VARIETY**  
**FINE LEAVED FESCUES**  
 (*Festuca spp.*)

NAME OF APPLICANT(S) W Weibull AB	TEMPORARY DESIGNATION WW Rs 107	VARIETY NAME Wilma
ADDRESS (Street and No. or R.F.D. No., City, State, and Zip Code) Box 520 S-261 24 LANDSKRONA / Sweden		FOR OFFICIAL USE ONLY PVPO NUMBER 8400152

Place the appropriate number that describes the varietal character of this variety in the boxes below. Use leading zeroes when necessary (e.g.,    or   ). Characteristics described including numerical measurements, should represent those that are typical for the variety. Measured data should be for SPACED PLANTS. Royal Horticultural Society or any recognized color fan may be used to determine plant colors; designate system used: \_\_\_\_\_

Describe location of test area, conditions and number of plants used: \_\_\_\_\_

Weibullsholm Plant Breeding Institute, Landskrona, South Sweden, 40 spaced plants/variety

1. SPECIES: (With comparison varieties for use below - use varieties within species of application variety) measured 1983 and 1984, mean values given.

<input type="text" value="1"/>	1 = <i>F. rubra ssp. commutata</i> (Chewings)	11 = Cascade	12 = Highlight	13 = Jamestown
	2 = <i>F. rubra ssp. litoralis</i> (Creeping Red)	14 = Banner	15 = Barfalla	23 = Merlin
	3 = <i>F. rubra ssp. rubra</i> (Spreading Red)	21 = Dawson	22 = Starlight	33 = Fortress
	4 = <i>F. ovina</i> (Sheep)	24 = Pennlawn	31 = Boreal	32 = Ruby
	5 = <i>F. longifolia</i> (Hard)	31 = Boreal	34 = Ensylva	41 = Covar
	6 = <i>F. tenuifolia</i> (Fine-Leaved Sheep)	41 = Covar	51 = Durar	52 = Biljart (C-26)
	7 = Other (Specify) <i>F.</i> _____	51 = Durar	52 = Biljart (C-26)	53 = Scaldis
		61 = Panda	62 = Barok	

2. CYTOLOGY:

<input type="text" value="4"/> <input type="text" value="2"/>	Chromosome Number	<input type="text" value="3"/>	Ploidy	1 = diploid	2 = tetraploid	3 = hexaploid
				4 = octoploid		

3. ADAPTATION: (0 = Not Tested; 1 = Not Adapted; 2 = Adapted)

<input type="text" value="2"/>	Northeast	<input type="text" value="0"/>	Southeast	<input type="text" value="0"/>	North Central	<input type="text" value="2"/>	Pacific N.W.	<input type="text"/>	Other (Specify) _____
--------------------------------	-----------	--------------------------------	-----------	--------------------------------	---------------	--------------------------------	--------------	----------------------	-----------------------

4. MATURITY: Date First Headed (panicle emergence) Location(s) of Trial(s) Landskrona, Sweden

<input type="text" value="3"/>	Maturity Class:	1 = Very Early (Covar)	2 = Early (Highlight)	3 = Medium Early (Boreal, Dawson)
		4 = Medium Late (Cascade, Ruby)	5 = Late (Jamestown, Agram)	6 = Very Late
	Date Headed	<u>May 14</u>		
<input type="text"/>	Days earlier than	<input type="text"/>	} Comparison Variety <b>Highlight</b>	
<input type="text"/>	Maturity same as	<input type="text"/>		
<input type="text" value="1"/>	Days later than	<input type="text" value="1"/> <input type="text" value="2"/>		

5. PLANT HEIGHT: (At maturity; to top of panicle; Average of 10 tallest culms)

<input type="text" value="7"/> <input type="text" value="5"/> <input type="text" value="2"/>	mm height		} Comparison Variety <b>Highlight</b>
<input type="text"/>	mm shorter than	<input type="text"/>	
<input type="text"/>	Height same as	<input type="text"/>	
<input type="text" value="4"/> <input type="text" value="9"/>	mm taller than	<input type="text" value="1"/> <input type="text" value="2"/>	

6. GROWTH HABIT: (Mature)

<input type="text" value="2"/>	1 = Erect (Ruby)	2 = Semi-erect (Highlight)	3 = Prostrate (Silvana)
--------------------------------	------------------	----------------------------	-------------------------

7. RHIZOMES:

<input type="text"/>	mm Length	<input type="text"/>	mm Width	<input type="text"/>	mm Internode length
<input type="text" value="1"/>	1 = Absent (Highlight)	2 = Weakly Creeping (Dawson)	3 = Strongly Creeping (Boreal)		
	4 = Very Strongly Creeping (Fortress)				

5

15. GIVE VARIETY OR VARIETIES THAT MOST CLOSELY RESEMBLE THE APPLICATION VARIETY. For the following characteristics indicate Degree of Resemblance by placing the column marked, D.R., one of the following numbers:

1 = Application variety is less than comparison variety.      2 = Same As  
 3 = More than, better, greater, darker, more disease resistant, etc.

CHARACTER	VARIETY	D.R.	CHARACTER	VARIETY	D.R.
Rhizome Length			Growth Habit		
Leaf Width	Koket	3 (finer)	Leaf Color		
Panicle Color			Panicle Shape		
Winter Color			Cold Injury		
Shade Tolerance			Heat		
Drought			Disease*		
Winter hardiness	Highlight	3			

\* Specify each disease evaluated.

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

Describe all characteristics that cannot be adequately described in the form above in Exhibit D. Comparative varieties should be used as may be appropriate, such as for disease. Append all comparative trial and evaluation data, including measured characters, environmental, and disease tests.

RECEIVED

SEP 11 1984



AMS  
PVPO