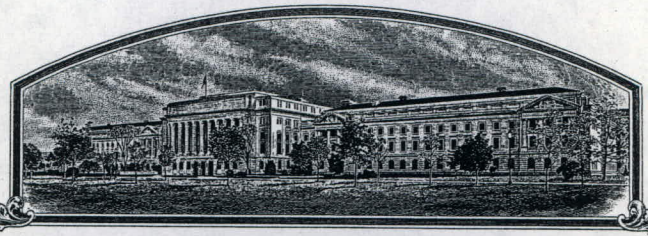
No. 9700295



THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Cascade International Seed Co.

Whereas, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED DISTINCT VARIETY OF SEXUALLY REPRODUCED, OR TUBER PROPAGATED 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 TWENTY 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 CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE ABOVE PURPOSE , OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

RESCUEGRASS

'Stocker'

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 fourteenth day of June, in the year of our Lord two thousand one.

PLANT VARIETY PROTECTION OFFICE • U.S. DEPARTMENT OF AGRICULTURE •

Attest:

Alan R. Post

Acting Commissioner
Plant Variety Protection Office
Agricultural Marketing Service

Secretary of Agriculture

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

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE

(Instructions and information collection burden statement on reverse)

The following statement is made in accordance with the Privacy Act of 1974 (5 U.S.C. 552a) and the Paperwork Reduction Act (PRA) of 1995. 9700295

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).

1. NAME OF APPLICANT(S) *(as it is to appear on the Certificate)*

Cascade International Seed Co.

2. TEMPORARY DESIGNATION OR EXPERIMENTAL NUMBER

CAS-BC1

3. VARIETY NAME

Stocker

4. ADDRESS *(Street and No., or R.F.D. No., City, State, and ZIP Code, and Country)*

8483 W.Stayton Rd.
Aumsville, OR 97325

5. TELEPHONE *(include area code)*

(503)749-1822

6. FAX *(include area code)*

(503)749-1824

FOR OFFICIAL USE ONLY

PVPO NUMBER 9700295

FILING DATE 05/01/97 05849 AAA 1997

7. GENUS AND SPECIES NAME

Bromus wildenowii

8. FAMILY NAME *(Botanical)*

Gramineae

9. CROP KIND NAME *(Common name)*

Prairie bromegrass

FEES RECEIVED

FILING AND EXAMINATION FEE: $ 2450.00

DATE 05/01/97

CERTIFICATION FEE: $ 320.00

DATE 5/9/01

10. IF THE APPLICANT NAMED IS NOT A "PERSON", GIVE FORM OF ORGANIZATION *(corporation, partnership, association, etc.) (Common name)*

Corporation

11. IF INCORPORATED, GIVE STATE OF INCORPORATION

Oregon

12. DATE OF INCORPORATION

1986

13. NAME AND ADDRESS OF APPLICANT REPRESENTATIVE(S), IF ANY, TO SERVE IN THIS APPLICATION AND RECEIVE ALL PAPERS

Chad E. Miebach
Cascade International Seed Co.
8483 W.Stayton Rd.
Aumsville, OR 97325

14. TELEPHONE *(include area code)*

(503)749-1822

15. FAX *(include area code)*

(503)749-1824

16. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED *(Follow instructions on reverse)*

a. ☒ Exhibit A. Origin and Breeding History of the Variety
b. ☒ Exhibit B. Statement of Distinctness
c. ☒ Exhibit C. Objective Description of the Variety
d. ☒ Exhibit D. Additional Description of the Variety *(Optional)*
e. ☒ Exhibit E. Statement of the Basis of the Applicant's Ownership
f. ☒ Voucher Sample *(2,500 viable untreated seeds or, for tuber propagated varieties verification that tissue culture will be deposited and maintained in an approved public repository)*
g. ☒ Filing and Examination Fee ($2,450), made payable to "Treasurer of the United States" *(Mail to PVPO)*

17. DOES THE APPLICANT 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 18 and 19 below)* ☒ NO *(If "no," go to item 20)*

18. DOES THE APPLICANT SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS?

☐ YES ☒ NO

19. IF "YES" TO ITEM 18, WHICH CLASSES OF PRODUCTION BEYOND BREEDER SEED?

☐ FOUNDATION ☐ REGISTERED ☐ CERTIFIED

20. HAS THE VARIETY OR A HYBRID PRODUCED FROM THE VARIETY BEEN RELEASED, USED, OFFERED FOR SALE, OR MARKETED IN THE U.S. OR OTHER COUNTRIES?

☐ YES *(If "yes," give names of countries and dates)* ☒ NO

21. The applicant(s) declare that a viable sample of basic seed of the variety will be furnished with application and will be replenished upon request in accordance with such regulations as may be applicable, or for a tuber propagated variety a tissue culture will be deposited in a public repository and maintained for the duration of the certificate.

The undersigned applicant(s) is(are) the owner(s) of this sexually reproduced or tuber propagated plant variety, and believe(s) that the variety is new, distinct, uniform, and stable as required in Section 42, 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 *(Owner(s))*

CHAD E. MIEBACH

NAME *(Please print or type)*

Chad E. Miebach

CAPACITY OR TITLE

Breeder, Cascade Int'l.

DATE

4-24-97

SIGNATURE OF APPLICANT *(Owner(s))*

NAME *(Please print or type)*

Irv Jacob

CAPACITY OR TITLE

President, Cascade Int'l.

DATE

4-24-97

STD-470 (03-86) *(Previous editions are to be destroyed)*

(See reverse for instructions and information collection burden statement)

Exhibit A - Revised

Stocker (CAS-BC1) Rescuegrass (Prairie bromegrass)

Origin and Breeding History

1) Genealogy: 'Stocker' (CAS-BC1) Rescuegrass originated as a single, highly-cleistogamic plant selection from a controlled, artificial hybridization between one early Matua single-plant selection and one single-plant selection of PI 442079 that was collected in Japan.

Breeding Method: The two parent plants from Matua and PI 442079 were selected from an evaluation nursery and subsequently transferred to a greenhouse for hybridization during the spring of 1993. The Matua parent was an early, high yielding selection. The selection from PI 442079 appeared as an off-type in the collection line because of its more upright habit and persistance; it had a lower, denser crown than the Matua parent.

2) Subsequent Selection: Progeny from these two single-plant lines were observed and evaluated with other hybridized progeny lines in an open-pollinated, spaced-plant nursery for improved forage production. The plants showing promise from these two lines were individually harvested in 1994 and their progeny were observed for uniformity. One uniform line consisting of 38 plants was selected as 'CAS-BC1'.

Multiplication: A portion of the seed from this line was used to establish a one-half acre breeder increase field in the fall of 1995. Seed collected from this breeder increase was used to establish an Experimental Foundation Seed Field during the fall of 1996 in Ardmore, Oklahoma.

3) Evidence of Uniformity and Stability: Each generation of 'CAS-BC1' has resulted in identical plants with no significant off-types or variants that would affect seed production or forage yield. The breeder increase field was rouged to maintain integrity of plant type and to enhance uniformity of subsequent generations.

This new single-plant cultivar, 'Stocker' (CAS-BC1), which originated from the maternal Matua line was selected on the basis of vigorous establishment and vegetative growth, improved persistence and lower crown, high progeny cleistogamy and uniformity, and seed yield. All initial evaluation and breeding work was undertaken at Cascade International Seed Company's research station in Aumsville, Oregon, USA and concluded during 1995. All breeding work was carried out by Cascade International Seed Company, under the direction of Chad E. Miebach, forage breeder.

CASCADE INT'L SEED CO.
8483 W. Stayton Rd.
Aumsville, OR 97325

Chad E. Miebach

Exhibit B - Revised

Stocker (CAS-BC1) Rescuegrass (Prairie bromegrass)

Novelty statement

Stocker Rescuegrass is a selection from a hybridization between Matua and PI 442079. It most closely resembles the variety Matua, as well as other plant-types which have or appear to have originated from South America.

Stocker is generally 16 cm taller than Matua; the first internode is 1 cm shorter, the flag leaf is shorter and narrower, and the panicle length is shorter. Stocker is approximately two days earlier at heading than Matua. Stocker compared to PI 442079 has a wider leaf width and is significantly taller. PI 442079 and Matua have only moderate anthocyanin coloration, while Stocker has a pronounced anthocyanin coloration.

CASCADE INT'L SEED CO.
8483 W. Stayton Rd.
Aumsville, OR 97325

Data File : BCP56
Title : 1995 Cascade Brome PVP Trial

Variable 20 : 1997 Total Plant Height (mm)

Function : RANGE
Error Mean Square = 1621.
Error Degrees of Freedom = 28
No. of observations to calculate a mean = 3
Least Significant Difference Test
LSD value = 67.34 at alpha = 0.050
Coefficient of Variation= 4.90%

Ranked Order

Mean	2 =	1240.	A	Badger Smooth brome
Mean	13 =	1238.	A	Fleet Meadow brome
Mean	4 =	1211.	AB	Regar Meadow brome
Mean	11 =	1210.	AB	AZ11 Select Smooth brome
Mean	5 =	1162.	BC	Manchar Smooth brome
Mean	14 =	1141.	CD	Stocker (BC1) Prairie brome
Mean	6 =	1091.	D	Feeder (BSC1) Grazing brome
Mean	15 =	1087.	DE	Gala Grazing brome
Mean	9 =	1020.	EF	Matua Prairie brome
Mean	10 =	993.3	FG	BE3 Bromus erectus
Mean	1 =	935.1	G	BE2 Bromus erectus

9700295

Exhibit D

9700295

Data File : BCP56
Title : 1995 Cascade Brome PVP Trial
Variable 9 : Total plant height AVERAGE
Function : RANGE
Error Mean Square = 1989.
Error Degrees of Freedom = 28
No. of observations to calculate a mean = 3
Least Significant Difference Test
LSD value = 74.60 at alpha = 0.050

		Ranked Order (mm)		
Mean	14 =	1092.	A	Stocker
Mean	13 =	930.3	B	Fleet
Mean	9 =	867.6	BC	Matua
Mean	4 =	816.2	CD	Regar
Mean	11 =	774.9	DE	AZ11 select
Mean	2 =	774.1	DE	Badger
Mean	10 =	720.3	EF	BE3
Mean	3 =	717.5	EF	CNC 269
Mean	1 =	700.4	EF	BE2
Mean	5 =	699.2	F	Manchar

CASCADE INT'L SEED CO.
8483 W. Stayton Rd.
Aumsville, OR 97325

CHAD E. WIEBACH

4-24-97

9700295

FORM APPROVED: OMB NO. 0581-0055

EXHIBIT C
(Smooth Bromegrass)

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
LIVESTOCK, POULTRY, GRAIN & SEED DIVISION
BELTSVILLE, MARYLAND 20705

OBJECTIVE DESCRIPTION OF VARIETY

~~SMOOTH BROMEGRASS (*Bromus inermis* Leyss.)~~ RESCUEGRASS (PRAIRIE BROME) – *BROMUS CATHARTICUS* (UNIOLOIDES, WILDENOWII)

NAME OF APPLICANT(S)	TEMPORARY DESIGNATION	VARIETY NAME
Cascade International Seed Co.	CAS-BC1	Stocker

ADDRESS *(Street and No., or R.F.D. No., City, State, and Zip Code)*

8483 W. Stayton Rd.
Aumsville, OR 97325

FOR OFFICIAL USE ONLY

PVPO NUMBER 9700295

Place the appropriate number that describes the varietal character of this variety in the boxes below. Fill unused columns with zeros (e.g., [0][9][9] when number is 99). In comparisons to standard varieties, the value [0][0] should only be used to indicate that the varieties are equal. Characteristics described, including numerical measurements, should represent those which are TYPICAL for the variety. See EXPLANATORY NOTES at end of form for characters marked with an asterisk (*). Measured data should be for SPACED PLANTS. Any recognized color fan, e.g., National Bureau of Standards Circular 553 Supplement, may be used to determine plant colors; designate system used: _____. Ranges of values may be included with additional description elsewhere in the application.

NOTE: *For single plant data a minimum of 100 plants is suggested.*

1. STRAIN TYPE:

[1] 1 = southern type 2 = intermediate 3 = northern type

STANDARD COMPARISON VARIETIES

1 = Lincoln *(southern)* 2 = Manchar *(intermediate)* 3 = Carlton *(northern)*

2. MATURITY:

Heading date *(50% of plants emerged from boot)*	[2]	days earlier than	[ ] standard variety	Matua
	[ ]	days later than	[ ] standard variety	
Seed ripening *(panicle browning)*	[2]	days earlier than	[ ] standard variety	Matua
	[ ]	days later than	[ ] standard variety	

3. JUVENILE HABIT *(in fall of seeding year)*:

[2] 1 = prostrate rosette 2 = erect tillers

4. ADULT HABIT *(At seed ripe stage)*:

[1] Spread: 1 = noncreep *(Parkland)* 2 = spreading *(Lincoln)*

[ ][ ][ ] cm width *(diameter of 2nd year plant)*	[ ]	cm narrower than	[ ] standard variety
	[ ]	cm wider than	[ ] standard variety

[2] Attitude of outer culms: 1 = prostrate *(Rebound)* 2 = ascending *(Achenbach)* 3 = erect *(Saratoga)*

Proportion of mature culm types* *(STERILE vs. FERTILE CULMS)*: Enter the number of plants out of 100 *(frequency)* which show the indicated range of STERILE CULMS. Do not include immature culms.

	> 50% Sterile Culms	30 - 50% Sterile Culms	< 30% Sterile Culms
Application variety	[ ][ ][ ] % plants	[ ][ ][ ] % plants	[ ][ ][0] % plants
Standard variety [ ]	[ ][ ][ ] % plants	[ ][ ][ ] % plants	[ ][ ][0] % plants

5. STERILE CULMS*: *(Same plants as FERTILE CULMS--at seed ripe stage)*

[ ][ ][ ] cm height* *(from soil to mean level of uppermost leaf tips)*	[ ]	cm shorter than	[ ] standard variety
	[ ]	cm taller than	[ ] standard variety
[ ][ ][ ] cm leaf elevation* *(stem length from soil to ligules of uppermost leaves)*	[ ]	cm lower than	[ ] standard variety
	[ ]	cm higher than	[ ] standard variety

[ ][ ] Number of leaves/culm* *(between expanded internodes)*

9700295 5

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6. FERTILE CULMS*: *(Same plants as STERILE CULMS--at seed ripe stage)*

[3] Diameter: 1 = fine *(Carlton)* 2 = medium *(Lincoln)* 3 = coarse *(Sac)*

[1][0].[9] cm height from soil to mean level of panicle tips .....

[ ][ ] cm shorter than [ ] standard variety
[1][6] cm taller than [ ] standard variety Matua

[6].[6] cm length of internode below flag leaf .....

[1].[0] cm shorter than [ ] standard variety Matua
[ ][ ] cm longer than [ ] standard variety

Pubescence at nodes: [1][0][0] % plants glabrous [ ][ ][ ] % plants pubescent

[ ][ ][ ] cm leaf elevation* *(stem length from soil to ligules of flag leaves)* .....

[ ][ ] cm lower than [ ] standard variety
[ ][ ] cm higher than [ ] standard variety

[ ][ ] Number of leaves/culm* *(between expanded internodes)*

7. LEAF *(Leaf below flag leaf): (on FERTILE CULM at heading date)*

[2] Attitude: 1 = drooping *(Carlton)* 2 = ascending ( )

[1] Color: 1 = light green *(Mandan 404)* 2 = medium green *(Saratoga)* 3 = dark green *(Achenbach)*

[3] Anthocyanin formation: 1 = absent 2 = slight 3 = strong

[1] Waxy bloom: 1 = absent 2 = slight 3 = strong

Leaf pubescence: *(indicate percentage of PLANTS with each type)*

[ ][ ][ ] % all glabrous [ ][ ][ ] % only lower leaves pubescent [1][0][0] % all pubescent

[1][0] mm maximum width .....

[ ][1] mm narrower than [ ] standard variety
[ ][ ] mm wider than [ ] standard variety Matua

8. PANICLE: *(at seed ripe stage)*

[1] Shape*: 1 = drooping *(Lancaster)* 2 = spreading *(Lincoln)* 3 = ascending* ( )

[1] Density: 1 = lax ( ) 2 = medium ( ) 3 = compact ( )

[2][4].[7] cm rachis length *(from basal panicle node to tip of terminal spikelet)* .....

[.][7][5] cm shorter than [ ] standard variety Matua
[ ][ ] cm longer than [ ] standard variety

9. SEED *(Lemma of freshly harvested mature seed):*

[1] Color: 1 = green *(Southland) (Achenbach)* 2 = pale purple *(Carlton)* 3 = dark purple *(Manchar)*

Lemma pubescence: *(indicate percentage of each type)*

[ ][ ][ ] % glabrous [1][0][0] % slightly pubescent [ ][ ][ ] % strongly pubescent

[1][7].[1][5] mm lemma length .....

[ ][ ] mm shorter than [ ] standard variety
[.][0][9] mm longer than [ ] standard variety Matua

Presence of awns *(small awnlets 2 - 4 mm in length): (indicate percentage of plants)*

[ ][ ][ ] % plants totally lacking awns [1][0][0] % plants with awns

10. DISEASES AND PESTS: *(0 = not tested, 1 = susceptible, 2 = resistant)*

[2] BROWN SPOT *(Pyrenophora bromi)*

[2] CHOCOLATE SPOT none observed *(Pseudomonas coronafaciens var. atropurpurea)*

[2] LEAF SPOT *(Selenophoma bromigena)*

[2] LEAF BLOTCH *(Stagonospora bromi)*

[2] SCALD *(Rhynchosporium secalis)*

[2] POWDERY MILDEW *(Erysiphe graminis)*

10. DISEASES AND PESTS (Cont'd): *(0 = not tested, 1 = susceptible, 2 = resistant)*

9700295

[2] ERGOT *(Claviceps purpurea)*		[2] ROOT ROT *(Helminthosporium sorokinianum)*	
[2] ROOT ROT *(Pythium graminicola)*	none observed	[2] ROOT ROT *(Rhizoctonia solani)*	none observed
[2] OTHER *(Specify)*	puccinia spp.	[ ] OTHER *(Specify)*	

11. INDICATE THE VARIETY THAT MOST CLOSELY RESEMBLES THE APPLICATION VARIETY FOR THE FOLLOWING CHARACTERS:

CHARACTER	VARIETY	CHARACTER	VARIETY
Leafiness	Matua	Leaf Color	Matua
Spread	"	Tillering	"
Persistence	"	Winter Hardiness	"
Drought Tolerance	"	Summer Dormancy	"
Seed Yield	"	Regrowth	"

*EXPLANATORY NOTES

Mature culms are referred to as STERILE *(non-panicle-bearing)* and FERTILE *(seed stalks)* to differentiate from immature "vegetative" culms which cannot be so distinguished. Strain types differ as to PROPORTION OF MATURE CULM TYPES, ratio of height of culm types, and mean distance between leaves. Components of these traits are measured at SEED RIPENING *(panicle browning)* so that mature sterile culms can be identified. HEIGHT TO MEAN LEVEL OF UPPERMOST CULM TIPS defines the "horizon" naturally formed by the tips of the culms, and can be measured without disturbing the plant. Some traits are morphological components of performance characters: STERILE CULMS produce no seed and more leaves. PROPORTION OF MATURE CULM TYPES is an important genetic trait known to be affected by environmental extremes. Do not submit results known to be atypical. Data are most reliable when compared to a check variety. NUMBER OF LEAVES/CULM and LEAF ELEVATION together indicate the mean distance between leaves. LEAF ELEVATION indicates availability of leaf for harvest and general plant "leafiness". In some cases individual plants exhibit a trait which is not known to be typical of any variety totally; e.g., ASCENDING PANICLE SHAPE in the variety 'Magna'. Some example varieties *(in parentheses)* may be obsolete; we welcome the suggestion of replacements from any reliable source.

REFERENCE:

Zherebina, Z. N. 1931. Essay of a botanikal-agronomical study of awnless brome grass *(Bromus inermis* Leyss.). Bulletin of Applied Botany *(Leningrad)* 25(2): 203-352.

OTHER:

Lamp, H. F. 1952. Reproductive activity in *Bromus inermis* in relation to phases of tiller development. Bot. Gazette 113: 413-438.

Lowe, C. C., et al. 1960. A regional approach to breeding and evaluation of smooth bromegrass for use and adaptation in the northeast. Cornell Univ. Agric. Exp. Sta. Bull, 954.

Walton, P. D. and C. Murchison. 1979. A plant ideotype for *Bromus inermis* Leyss. in western Canada. Euphytica 28: 801-806

COMMENTS

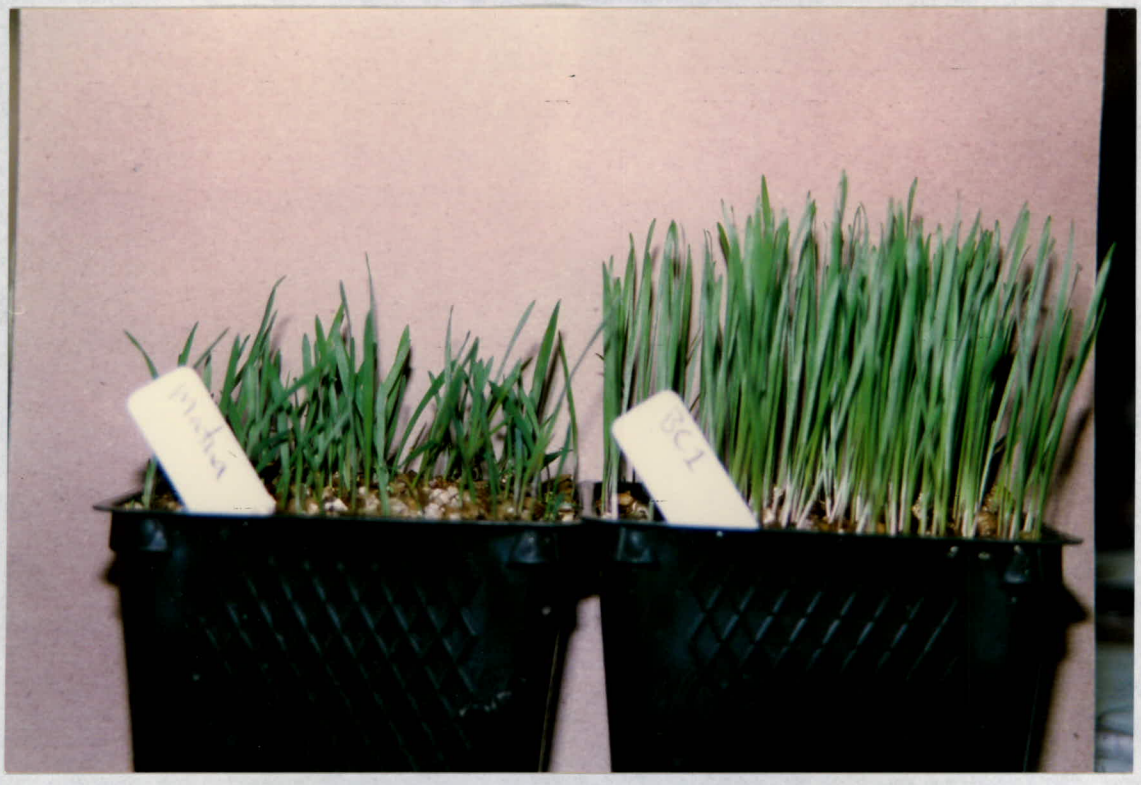
Since there is no PVP form for Bromus wildenowii yet I have tried to proceed as well as possible with this form. I am sending additional data not requested on this form to help distinguish 'Stocker' from 'Matua', morphologically, in Exhibit D.

CASCADE INT'L SEED CO.
8483 W. Stayton Rd.
Aumsville, OR 97325

Chad E. Wiebach

4-24-97

9700295



REC'D 12/24/97

1998

EXHIBIT D

Data File : BCP56
Title : 1995 Cascade Brome PVP Trial

Variable 21 : 1997 Flag Leaf Elevation (mm)

Function : RANGE
Error Mean Square = 695.3
Error Degrees of Freedom = 28
No. of observations to calculate a mean = 3
Least Significant Difference Test
LSD value = 44.10 at alpha = 0.050
Coefficient of Variation= 6.90%

Ranked Order

Mean	2 =	668.6	A	Badger Smooth brome
Mean	13 =	578.7	B	Fleet Meadow brome
Mean	11 =	561.4	BC	AZ11 Select Smooth brome
Mean	6 =	548.7	BCD	Feeder (BSC1) Grazing brome
Mean	4 =	533.1	CDE	Regar Meadow brome
Mean	14 =	520.5	CDE	Stocker (BC1) Prairie brome
Mean	5 =	514.9	DE	Manchar Smooth brome
Mean	15 =	504.5	E	Gala Grazing brome
Mean	9 =	453.5	F	Matua Prairie brome
Mean	1 =	444.4	FG	BE2 Bromus erectus
Mean	10 =	406.5	G	BE3 Bromus erectus

9700295

REPRODUCE LOCALLY. *Include form number and date on all reproductions.* FORM APPROVED - OMB NO. 0581-0055 EXPIRES: 12-31-96

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

EXHIBIT E
STATEMENT OF THE BASIS OF OWNERSHIP

The following statements are made in accordance with the Privacy Act of 1974 (5 U.S.C. 552a) and the Paperwork Reduction Act (PRA) of 1995.

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).

1. NAME OF APPLICANT(S)

Cascade International Seed Co.

2. TEMPORARY DESIGNATION OR EXPERIMENTAL NUMBER

CAS-BC1

3. VARIETY NAME

Stocker

4. ADDRESS *(Street and No., or R.F.D. No., City, State, and ZIP Code, and Country)*

8483 W. Stayton Rd.
Aumsville, OR 97325

5. TELEPHONE *(include area code)*

(503)749-1822

6. FAX *(include area code)*

(503)749-1824

7. PVPO NUMBER 9700295

8. Does the applicant own all rights to the variety? *Mark an "X" in appropriate block.* If no, please explain. [X] YES [ ] NO

9. Is the applicant (individual or company) a U.S. national or U.S. based company? [X] YES [ ] NO
If no, give name of country _____

10. Is the applicant the original breeder? If no, please answer the following: [X] YES [ ] NO

a. If original rights to variety were owned by individual(s):
Is (are) the original breeder(s) a U.S. national(s)? If no, give name of country _____

[X] YES [ ] NO

b. If original rights to variety were owned by a company:
Is the original breeder(s) U.S. based company? If no, give name of country _____

11. Additional explantion on ownership *(If needed, use reverse for extra space):*

CASCADE INT'L SEED CO.
8483 W. Stayton Rd.
Aumsville, OR 97325

PLEASE NOTE:

Plant variety protection can be afforded only to owners (not licensees) who meet one of the following criteria:

1. If the rights to the variety are owned by the original breeder, that person must be a U.S. national, national of a UPOV member country, or national of a country which affords similar protection to nationals of the U.S. for the same genus and species.

2. If the rights to the variety are owned by the company which employed the original breeder(s), the company must be U.S. based, owned by nationals of a UPOV member country, or owned by nationals of a country which affords similar protection to nationals of the U.S. for the same genus and species.

3. If the applicant is an owner who is not the original breeder, both the original breeder and the applicant must meet one of the above criteria.

The original breeder may be the individual or company who directed final breeding. See Section 41(a)(2) of the Plant Variety Protection Act for definition.

Public reporting burden for this collection of information is estimated to average 10 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Agriculture, Clearance Officer, OIRM, AG Box 7630, Jamie L. Whitten Building, Washington, D.C. 20250. When replying, refer to OMB No. 0581-0055 and form number in your letter.

Under the PRA of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

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