200800124

No.

THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Pure Line Seeds, Inc.

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 [illegible] IT, OR EXPORTING IT, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE [illegible] PURPOSES, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT [illegible] BY THE PLANT VARIETY PROTECTION ACT. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

PEA

'Snow Sweet'

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 fifteenth day of April, in the year two thousand and eight.

Attest:

Commissioner
Plant Variety Protection Office
Agricultural Marketing Service

Secretary of Agriculture

REPRODUCE LOCALLY. *Include form number and date on all reproductions*

Form Approved - OMB No. 0581-0055

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

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE
(Instructions and information collection burden statement on reverse)

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 OWNER: Pure Line Seeds, Inc.

2. TEMPORARY DESIGNATION OR EXPERIMENTAL NAME: PLS 61

3. VARIETY NAME: Snow Sweet

4. ADDRESS *(Street and No., or R.F.D. No., City, State, and ZIP Code, and Country)*
P.O. Box 8866
Moscow, Idaho 83843

5. TELEPHONE *(include area code)*: 208-882-4422

6. FAX *(include area code)*: 208-882-4326

FOR OFFICIAL USE ONLY
PVPO NUMBER: #200800124
FILING DATE: FEBRUARY 19, 2008

7. IF THE OWNER NAMED IS NOT A "PERSON", GIVE FORM OF ORGANIZATION *(corporation, partnership, association, etc.)*: Corporation

8. IF INCORPORATED, GIVE STATE OF INCORPORATION: Washington

9. DATE OF INCORPORATION: 1948

10. NAME AND ADDRESS OF OWNER REPRESENTATIVE(S) TO SERVE IN THIS APPLICATION. *(First person listed will receive all papers)*
Richard S. Lowe
Pure Line Seeds, Inc.
P.O. Box 8866
Moscow, Idaho 83843

FEES RECEIVED
FILING AND EXAMINATION FEES: $ 4,382.00 DATE 2/19/08
CERTIFICATION FEE: $ 768.00 DATE 3/26/08

11. TELEPHONE (Include area code): 208-882-4422

12. FAX (Include area code): 208-882-4326

13. E-MAIL: pure@moscow.com

14. CROP KIND *(Common Name)*: Garden Pea

16. FAMILY NAME *(Botanical)*: Leguminosae

15. GENUS AND SPECIES NAME OF CROP: Pisum sativum L.

17. IS THE VARIETY A FIRST GENERATION HYBRID? ☐ YES ☒ NO

18. DOES THE VARIETY CONTAIN ANY TRANSGENES? *(OPTIONAL)* ☐ YES ☒ NO
IF SO, PLEASE GIVE THE ASSIGNED USDA-APHIS REFERENCE NUMBER FOR THE APPROVED PETITION TO DEREGULATE THE GENETICALLY MODIFIED PLANT FOR COMMERCIALIZATION. _____

19. 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 Variety
- d. ☒ Exhibit D. Additional Description of the Variety *(Optional)*
- e. ☒ Exhibit E. Statement of the Basis of the Owner's Ownership
- f. ☒ Exhibit F. Declaration Regarding Deposit
- g. ☒ Voucher Sample *(3,000 viable untreated seeds or, for tuber propagated varieties, verification that tissue culture will be deposited and maintained in an approved public repository)*
- h. ☒ Filing and Examination Fee ($4,382), made payable to "Treasurer of the United States" *(Mail to the Plant Variety Protection Office)*

20. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE SOLD ONLY AS A CLASS OF CERTIFIED SEED? *(See Section 83(a) of the Plant Variety Protection Act)*
☐ YES *(If "yes", answer items 21 and 22 below)*
☒ NO *(If "no", go to item 23)*
☐ UNDECIDED

21. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS TO NUMBER OF CLASSES?
☐ YES ☐ NO
IF YES, WHICH CLASSES? ☐ FOUNDATION ☐ REGISTERED ☐ CERTIFIED

22. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS?
☐ YES ☐ NO
IF YES, SPECIFY THE NUMBER 1,2,3, etc. FOR EACH CLASS.
☐ FOUNDATION ☐ REGISTERED ☐ CERTIFIED
(If additional explanation is necessary, please use the space indicated on the reverse.)

23. HAS THE VARIETY (INCLUDING ANY HARVESTED MATERIAL) OR A HYBRID PRODUCED FROM THIS VARIETY BEEN SOLD, DISPOSED OF, TRANSFERRED, OR USED IN THE U. S. OR OTHER COUNTRIES?
☒ YES ☐ NO
IF YES, YOU MUST PROVIDE THE DATE OF FIRST SALE, DISPOSITION, TRANSFER, OR USE FOR EACH COUNTRY AND THE CIRCUMSTANCES. *(Please use space indicated on reverse.)*

24. IS THE VARIETY OR ANY COMPONENT OF THE VARIETY PROTECTED BY INTELLECTUAL PROPERTY RIGHT *(PLANT BREEDER'S RIGHT OR PATENT)*?
☐ YES ☒ NO
IF YES, PLEASE GIVE COUNTRY, DATE OF FILING OR ISSUANCE AND ASSIGNED REFERENCE NUMBER. *(Please use space indicated on reverse.)*

25. The owners declare that a viable sample of basic seed of the variety has been 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 owner(s) is(are) the owner 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.

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

SIGNATURE OF OWNER		SIGNATURE OF OWNER	
Richard S. Lowe			
NAME *(Please print or type)*		NAME *(Please print or type)*	
Richard S. Lowe			
CAPACITY OR TITLE	DATE	CAPACITY OR TITLE	DATE
Director of Research	2-18-08		

#200800124

(See reverse for instructions and information collection burden statement)

GENERAL INSTRUCTIONS: To be effectively filed with the Plant Variety Protection Office (PVPO), **ALL** of the following items must be **received** in the PVPO: (1) Completed application form signed by the owner; (2) completed exhibits A, B, C, E, F; (3) for a tuber reproduced variety, verification that a viable *(in the sense that it will reproduce an entire plant)* tissue culture will be deposited and maintained in an approved public repository; and (4) payment by credit card or check drawn on a U.S. bank for $4,382 ($518 filing fee and $3,864 examination fee), payable to "Treasurer of the United States" *(See Section 97.6 of the Regulations and Rules of Practice).* **NEW:** With the application for a seed reproduced variety **or by direct deposit soon after filing**, the applicant must provide at least 3,000 viable untreated seeds of the variety *per se*, and for a hybrid variety at least 3,000 untreated seeds of each line necessary to reproduce the variety. Partial applications will be held in the PVPO for not more than 90 days; then returned to the applicant as un-filed. Mail application and other requirements to Plant Variety Protection Office, AMS, USDA, Room 401, NAL Building, 10301 Baltimore Avenue, Beltsville, MD 20705-2351. Retain one copy for your files. All items on the face of the application are self explanatory unless noted below. Corrections on the application form and exhibits must be initialed and dated. **DO NOT** use masking materials to make corrections. If a certificate is allowed, you will be requested to send a payment by credit card or check payable to "Treasurer of the United States" in the amount of $768 for issuance of the certificate. Certificates will be issued to owner, not licensee or agent.

NOTES: It is the responsibility of the applicant/owner to keep the PVPO informed of any changes of address or change of ownership or assignment or owner's representative during the life of the application/certificate. The fees for filing a change of address; owner's representative; ownership or assignment; or any modification of owner's name is specified in Section 97.175 of the regulations. *(See Section 101 of the Act, and Sections 97.130, 97.131, 97.175(h) of the Regulations and Rules of Practice.)*

Plant Variety Protection Office
Telephone: (301) 504-5518 **FAX:** (301) 504-5291
General E-mail: PVPOmail@usda.gov
Homepage: http://www.ams.usda.gov/science/pvpo/PVPindex.htm

SPECIFIC INSTRUCTIONS:
To avoid conflict with other variety names in use, the applicant must check the appropriate recognized authority and **provide evidence** that the permanent name of the application variety (even if it is a parental, inbred line) has been cleared by the appropriate recognized authority before the Certificate of Protection is issued. For example, for agricultural and vegetable crops, contact: U.S. Department of Agriculture, Agricultural Marketing Service, Livestock and Seed Programs, **Seed Regulatory and Testing Branch**, 801 Summit Crossing Place, Suite C, Gastonia, North Carolina 28054-2193 Telephone: (704) 810-8870. http://www.ams.usda.gov/lsg/seed.htm.

ITEM

19a. 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) evidence of uniformity and stability; and
(4) the type and frequency of variants during reproduction and multiplication and state how these variants may be identified

19b. Give a summary of the variety's distinctness. Clearly state how this application variety may be distinguished from all other varieties in the same crop. If the new variety is most similar to one variety or a group of related varieties:

(1) identify these varieties and state all differences objectively;
(2) attach replicated statistical data for characters expressed numerically and demonstrate that these are clear differences; and
(3) submit, if helpful, seed and plant specimens or photographs (prints) of seed and plant comparisons which clearly indicate distinctness.

19c. Exhibit C forms are available from the PVPO Office for most crops; specify crop kind. Fill in Exhibit C (Objective Description of Variety) form as completely as possible to describe your variety.

19d. Optional additional characteristics and/or photographs. Describe any additional characteristics that cannot be accurately conveyed in Exhibit C. Use comparative varieties as is necessary to reveal more accurately the characteristics that are difficult to describe, such as plant habit, plant color, disease resistance, *etc.*

19e. Section 52(5) of the Act requires applicants to furnish a statement of the basis of the applicant's ownership. An Exhibit E form is available from the PVPO.

20. 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 this affirmative decision after the variety has been sold and so labeled, the decision published, or the certificate issued. However, if "No" has been specified, the applicant may change the choice. *(See Regulations and Rules of Practice, Section 97.103).*

23. *See Sections 41, 42, and 43 of the Act and Section 97.5 of the regulations for eligibility requirements.*

24. *See Section 55 of the Act for instructions on claiming the benefit of an earlier filing date.*

22. CONTINUED FROM FRONT *(Please provide a statement as to the limitation and sequence of generations that may be certified.)*

23. CONTINUED FROM FRONT *(Please provide the date of first sale, disposition, transfer, or use for each country and the circumstances, if the variety (including any harvested material) or a hybrid produced from this variety has been sold, disposed of, transferred, or used in the U.S. or other countries.)*

4-11-07, USA, for trial and testing only. 12-27-07, USA, first sale

24. CONTINUED FROM FRONT *(Please give the country, date of filing or issuance, and assigned reference number, if the variety or any component of the variety is protected by intellectual property right (Plant Breeder's Right or Patent).)*

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0581-0055. The time required to complete this information collection is estimated to average 1.4 hours 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.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or part of an individual's income is derived from any public assistance program (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at (202) 720-2600 (voice and TDD).

Exhibit A

'Snow Sweet' originated during the summer of 1995 from a hand pollinated hybridization between the variety 'Stringless Sugar Snap' and a Pure Line Seeds F1 hybridization (see attachment) on Pure Line Seeds research farm located near Warden, Washington. Pedigree selection and the bulk method were used to select and increase this new variety.

The primary goal of this cross was to develop a stringless snap and/or snow pea with normal vines or afila stand-up vines.

F1's – (Spring 1997) Seed advanced to F2's in Pure Line Seeds, Inc. greenhouse.

F2's – (Summer 1997) F2 seed was planted. Plants were segregating afila, pointed pods, snap and snow pods, stringless with and without parchment Ten plants were selected from this population. One plant in particular had a normal vine with pointed snow pods lacking string or parchment. This plant was included in the 10 plants selected. It was designated (97w-189-1).

F3's – (Summer 1998) F3 seed from selection 97w-189-1 was planted. Nine plants were selected from this population. The nine plants selected were snow peas with normal vines, pointed pods and lacking string and parchment. These nine plants were designated 98w 275-1 through -9. Powdery Mildew was present. Only plants which did not have Powdery Mildew were selected.

F4's – (Summer 1999) F4 seed from six of the 9 selections were planted. From the 275-1 selection one plant was selected and 2 plants were kept from the -6 selection. All three selections were snow peas with normal vines, pointed pods lacking string and parchment. Powdery Mildew was again present in the nursery. All six selections planted did not show signs of Powdery Mildew confirming resistance. The three plants selected were from rows 99w – 77 and 99w – 82 respectfully.

F5's – (Summer 2000) F5 seed from the three selections were planted. Five phenotypic uniform plants were selected and bulked from the populations. All three populations remained stable for all desired traits. The five plant bulk was designated 00w – 61.

F6's – (Summer 2001) F6 seed was increased. Increasing has continued since this time. Agronomic data was collected and recorded for this new snow pea variety. Oregon Sugar Pod II

was used for comparison since it is the primary variety used for the Snow Pea Industry. Data was collected for all information needed for Exhibit C to file a PVP application. Comparative data was also gathered for all comparative varieties. 'Snow Sweet' appeared uniform and stable for all desired traits. No off-type or variant were observed.

F7's – (Summer 2002) F7 Increase continued. Agronomic data was again collected and recorded. No off-types or variants were observed. 'Snow Sweet' again appeared uniform and stable for all desired traits.

F8's – (Summer 2003) Increase continued.

Seed was sent to USDA, ARS, WSU Pullman Washington to test for Fusarium Wilt Race 1 (Fw) screening trial and was confirmed homozygous resistant.

F9's – (Summer 2004) Increasing has continued in moderation to the present time. Selective trialing and testing began and has continued to 2007 to determine if the variety will be a successful new stringless snow pea.

Evidence of uniformity and stability:

'SNOW SWEET' was stabilized in the fifth generation. No off-types or variants have been observed since the fifth generation.

Exhibit A (attachment)

'SNOW SWEET' consists of the following hybridization:

Stringless Sugar Snap / Sugar Bon / (OSU 972 / PLS 155) F1
(male) (female)

Stringless Sugar Snap (PVP 8300164)
Sugar Bon (PVP 8100122)
OSU 972 = OSU B805-23-1-1-1-1 / OSU B768-1-1-2-3
PLS 155 = (Sugar Bon / Progress 9) / (Filigreen / Misty)

OSU 972 Parentages
OSU B805-23-1-1-1-1 = OSU S706 / OSU B6777
OSU B768-1-1-2-3 = Sugar Daddy / OSU B584-7-4-1
OSU B584-7-4-1 = Sugar Bon / OSU M194

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Exhibit B

Statement of Distinctness

Distinctness is based on the unique combination of the following characteristics:

'Snow Sweet' most closely resembles Oregon Sugar Pod II (OSP II) but differs by having pointed pods, carries the recessive *sin-2* allele which gives stringless pods and carries the recessive *poa* alleles which gives dark green foliage and berries where as OSP II has blunt pods, carries the dominate *SIN*-2 allele which does not give stringless pods and carries the dominate *PaO* alleles giving light green foliage and berries.

REPRODUCE LOCALLY. Include form number and date on all reproductions.

Form Approved OMB NO 0581-0055

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0581-0055. The time required to complete this information collection is estimated to average 2.0 hours 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.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or part of an individual's income is derived from any public assistance program (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at (202) 720-2600 (voice and TDD).

To file a complaint of discrimination, write to USDA, Director, Office of Civil Rights, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410, or call (800) 795-3272 (voice) or (202) 720-6382 (TDD). USDA is an equal opportunity provider and employer.

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

Exhibit C

OBJECTIVE DESCRIPTION OF VARIETY
Pea *(Pisum sativum* L.)

NAME OF APPLICANT (S)	TEMPORARY OR EXPERIMENTAL DESIGNATION	VARIETY NAME
Pure Line Seeds. Inc.	PLS 61	Snow Sweet

ADDRESS *(Street and No. or RD No., City, State, Zip Code and Country)*
119 East 3rd Street
P.O. Box 8866
Moscow, Idaho 83843
USA

FOR OFFICIAL USE ONLY
PVPO NUMBER
#200800124

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 the 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. TYPE:

[3] 1 = Garden 2 = Field 3 = Edible-podded 4 = Other (Specify) _____

2. MATURITY:

[15] Node Number of First Bloom: [0 6 5] No. of Days Processing [N A] Heat Units

[ ] No. of Days Earlier Than
Days Same As [7]
[ ] No. of Days Later Than

1 = Alaska 2 = Thomas Laxton WR 3 = Little Marvel
4 = Wando 5 = Alderman WR 6 = Australian Winter
7 = Other (Specify) Oregon Sugar Pod II

3. PLANT HEIGHT:

[0 6 2] cm High
[2 4] cm Shorter Than [7] Name of Check Cultivar Oregon Sugar Pod II
Same As [4] Same as Check Cultivar Wando
[2 0] cm Taller Than [3] Name of Check Cultivar Little Marvel

4. VINE:

[2] Habit: 1 = Determinate 2 = Indeterminate
[2] Branching: 1 = None (Alaska) 2 = 1-2 Branches (Little Marvel) 3 = More than 2 Branches (Dwarf Gray Sugar)
[2] Internodes: 1 = Straight 2 = Zig Zag [2 2] Number of Nodes
[2] Stockiness: 1 = Slim (Alaska) 2 = Medium (Thomas Laxton WR) 3 = Heavy (Alderman)

5. LEAFLETS:

[3] Color: 1 = Light Green (Alaska WR) 2 = Medium Green (Thomas Laxton WR) 3 = Dark Green (Alderman) 4 = Other (Specify) _____ 5 = Blue Green 6 = Yellow Green 0 = Not Applicable

[3] Wax: 1 = None 2 = Light 3 = Medium 4 = Heavy 0 = Not Applicable

[2] Molding: 1 = Not Marlbed 2 = Marbled (Alaska) 0 = Not Applicable

[3] Number of Leaflet Pairs: 1 = Not Paired 2 = One 3 = Two 4 = Three or More 0 = Not Applicable

[3] Leaflet Type: 1 = Leafless 2 = Semi 3 = Normal

6. STIPULES:

[2] 1 = Lacking 2 = Present [2] 1 = Not Clasping 2 = Clasping [2] 1 = Not Marbled 2 = Marbled

[3] Size (Compared with Leaflets): 1 = Smaller 2 = Same 3 = Larger 0 = Not Applicable

[2] Color (Compared with Leaflets): 1 = Lighter 2 = Same 3 = Darker 0 = Not Applicable

[3] Color: 1 = Light Green 2 = Medium Green 3 = Dark Green 4 = Blue Green 5 = Yellow Green 0 = Not Applicable

Color Chart Value: 136A

Select the Color Chart Used to Determine the Values:
X Royal Horticulture Society Colour Chart
___ Munsell Color Chart
___ Other _____

[2] Stipule Size: 1 = Small 2 = Medium 3 = Large

Please Provide Comparitive Varieties (Check Varieties) and Stipule Color

	Variety (1)	Variety (2)	Variety (3)
Variety Name:	Oregon Sugar Pod II	Gallant	Recruit
Stipule Size:	3	2	3
Color:	2	4	3
Color Chart Value:	137B	131A	139A

7. FLOWER COLOR:

[2] Venation [1] Standard [1] Wing [1] Keel

1 = White 2 = Greenish 3 = Lavender 4 = Purple 5 = Red 6 = Other (Specify) _____

8. PODS:

[1] Shape: 1 = Straight 2 = Slightly Curved 3 = Curved

[1] End: 1 = Pointed(Alderman) 2 = Blunt (Alaska)

[2] Color: 1 = Light Green (Alaska WR) 2 = Medium Green 3 = Dark Green (Alderman) 4 = Other (Specify) _____ 5 = Blue 6 = Purple 7 = Yellow

[1] Surface: 1 = Smooth 2 = Rough [2] Surface: 1 = Shiny 2 = Dull

[2] Borne: 1 = Single 2 = Double 3 = Single and Double 4 = Single, Double & Triple 5 = Double & Triple 6 = Triple 7 = Other (Specify) _____ 8 = Quad, Single, Double, Triple 9 = Quad

[10¼] cm Length [21] mm Width (Between Sutures) [09] No. Seeds Per Pod

9. SEEDS: (95-100 Tenderometer)

[2] Color: 1 = Light Green 2 = Green 3 = Dark Green 4 = Other (Specify) _____ 5 = Yellow 6 = Brown 7 = Yellow Green

	1	2	3	4	5	6	7	8	Average
Seive: %	NA								NA

9. SEEDS: (cont.) (Dry-Mature)

[2] Shape: 1 = Flattened 2 = Angular 3 = Oval 4 = Rounded

[3] Surface: 1 = Smooth 2 = Dimpled 3 = Wrinkled

[2] Luster: 1 = Shiny 2 = Dull

[1] Color Pattern: 1 = Monocolor 2 = Mottled 3 = Striped 4 = Dotted

[2] Primary Color:
[1] Secondary Color:

1 = Creamy White 2 = Cream & Green 3 = Light Green 4 = Medium Green
5 = Dark Green 6 = Blue Green 7 = Yellow 8 = Brown
9 = Red 10 = Gray 11 = Black 12 = Salmon
13 = Purple 14 = Tan 15 = White 16 = Pink
17 = Yellow Green

[2] Hilum Color: 1 = White 2 = Tan 3 = Black

[1] Cotyledon Color: 1 = Green 2 = Yellow 3 = Orange 4 = Cream

[2 0] Grams per 100 Seeds

10. DISEASE: (0 = Not Tested, 1 = Susceptible, 2 = Resistant, 3 = Moderately Resistant, 4 = Moderately Susceptible, 5 = Tolerant)

[2] Fusarium Wilt – Race 1
[0] *Ascochyta Blight*
[0] Bacterial Blight
[0] Downy Mildew
[2] Powdery Mildew
[ ] Other (Specify) _____
[ ] Other (Specify) _____

[0] Fusarium Wilt (Near Wilt) – Race 2
[0] Common Mosaic
[0] Pea Enation Mosaic Virus
[0] Seedborne Mosaic Virus
[0] Yellow Bean Mosaic Virus
[0] Leaf Roll Virus
[ ] Other (Specify) _____

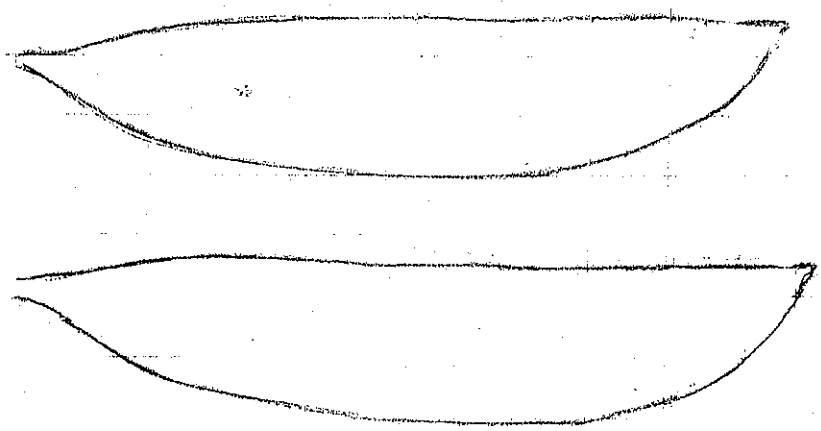
11. INSECT: (0 = Not Tested, 1 = Susceptible, 2 = Resistant, 3 = Moderately Resistant, 4 = Moderately Susceptible, 5 = Tolerant)

[0] Aphids
[ ] Other (Specify) _____

12. Additional informtion on any item above, or general comments that may aid in identification:

EXHIBIT D Additional supportive information (pod shape)

Snow Sweet



Oregon Sugar Sweet II

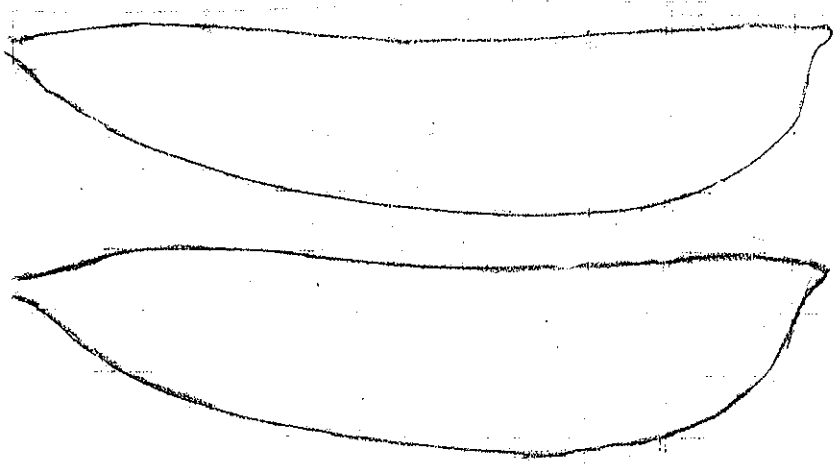


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Exhibit D

Additional Comparative Information (continued):

SNOW SWEET
15th node
Double Pods
Powdery Mildew Resistant
Pea Enation (not tested)
24 Inches Tall
Wrinkled Seed
2400 Seeds /lb average

OREGON SUGAR POD II
15TH node
Double Pods
Powdery Mildew Resistant
Pea Enation Resistant
34-38 Inches Tall
Dimpled Seed
1724 Seeds /lb average

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE

EXHIBIT E
STATEMENT OF THE BASIS OF OWNERSHIP

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

1. NAME OF APPLICANT(S)	2. TEMPORARY DESIGNATION OR EXPERIMENTAL NUMBER	3. VARIETY NAME
Pure Line Seeds, Inc.	PLS 61	Snow Sweet
4. ADDRESS *(Street and No., or R.F.D. No., City, State, and ZIP, and Country)*	5. TELEPHONE *(Include area code)*	6. FAX *(Include area code)*
P.O. Box 8866 Moscow, Idaho 83843	208-882-4422	208-882-4326
	7. PVPO NUMBER #200800124	

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

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

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

a. If the original rights to variety were owned by individual(s), is (are) the original owner(s) a U.S. National(s)?
[ ] YES [ ] NO If no, give name of country

b. If the original rights to variety were owned by a company(ies), is (are) the original owner(s) a U.S. based company?
[ ] YES [ ] NO If no, give name of country

11. Additional explanation on ownership *(Trace ownership from original breeder to current owner. Use the reverse for extra space if needed)*:

PLEASE NOTE:

Plant variety protection can only be afforded to the owners (not licensees) who meet 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 owner, both the original owner and the applicant must meet one of the above criteria.

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

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0581-0055. The time required to complete this information collection is estimated to average 0.1 hour per response, including the time for reviewing the instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, gender, religion, age, disability, sexual orientation, marital or family status, political beliefs, parental status, or protected genetic information. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at 202-720-2600 (voice and TDD).

To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, Room 326-W, Whitten Building, 14th and Independence Avenue, SW, Washington, D.C. 20250-9410 or call (202) 720-5964 (voice and TDD). USDA is an equal opportunity provide and employer.

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

EXHIBIT F
DECLARATION REGARDING DEPOSIT

NAME OF OWNER (S)	ADDRESS *(Street and No. or RD No., City, State, and Zip Code and Country)*	TEMPORARY OR EXPERIMENTAL DESIGNATION
Pure Line Seeds, Inc.	P.O. Box 8866 Moscow, Idaho 83843 USA	PLS 61
		VARIETY NAME Snow Sweet
NAME OF OWNER REPRESENTATIVE (S) Richard S. Lowe	ADDRESS *(Street and No. or RD No., City, State, and Zip Code and Country)* same as above	FOR OFFICIAL USE ONLY
		PVPO NUMBER #200800124

I do hereby declare that during the life of the certificate a viable sample of propagating material of the subject variety will be deposited, and replenished as needed periodically, in a public repository in the United States in accordance with the regulations established by the Plant Variety Protection Office.

Richard S. Lowe
Signature

February 18, 2008
Date