No. 7500090

THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Canners Seed Corporation

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 seventeen 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, 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 (7 U.S.C. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

PEA

'#8617 Early Perfection'

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 *this* 29th *day of* October *in the year of our Lord one thousand nine hundred and* seventy-six

Attest:

Commissioner
Plant Variety Protection Office
Grain Division
Agricultural Marketing Service

Secretary of Agriculture

nunhems

Nunhems Seed Corporation
P.O. Box 18
221 E. Main St.
Lewisville, ID 83431
Phone: 208-754-8666
Fax: 208-754-8669

12 December, 1995

Plant Variety Protection Office
NAL Building Room 500
10301 Baltimore Blvd.
Beltsville, MD 20705-2351

Attention: Marsha Stanton, Ph D

Dear Dr. Stanton:

Please be advised that Nunhems Seed Corporation will be liquidated effective 31 December, 1995.

This being the case; we wish to transfer the follwing PVP registrations to our parent company in Holland. The following is the new assignee:

Nunhems Zaden B.V.
P.O. Box 4005
6080AA Haelen
The Netherlands
Attention: Lex Welles

The varieties to be assigned are as follows:

PVP Registration #	Variety	Kind	Year of Expiration
8200169	77 EP	Pea	2001
9300078	Scepter	Pea	2013
9300079	Captain	Pea	2013
8700051	9000 F	Pea	2005
8900230	Applause	Pea	2010
9300076	Point	Pea	2013
8900222	Ava	Pea	2010
9400082 (Pending)	Targhee	Pea	
7800059	9888 F	Pea	1996
9100213	Modus	Bean	2010
9100212	Fesca	Bean	2010

'95 DEC 28 A9:33
RECEIVED
USDA-AMS-PVPO

Our understanding is that the fee for transfer of ownership is $25.00 per variety. Enclosed please find our check in the amount of $275.00.

Please cancel PVP rights on the following registrations effective 31 December, 1995.

8000065, 7600015, 7500104, 7500090, 8000064, 7800060, 7600013, 7600016, 7800061, 8900224, 8900225, 8900223,

Yours truly,

Hank Mende

Hank Mende
Director of Administration

No. 7500090

THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Canners Seed Corporation

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 seventeen 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 (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

PEA

'#8617 Early Perfection'

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 this 29th day of October in the year of our Lord one thousand nine hundred and seventy-six.

Attest:

Commissioner
Plant Variety Protection Office
Grain Division
Agricultural Marketing Service

Secretary of Agriculture

FORM APPROVED. OMB NO. 40-R3712

FORM GR-470-14 (5-15-74)

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
GRAIN DIVISION
HYATTSVILLE, MARYLAND 20782

EXHIBIT C (Pea)

OBJECTIVE DESCRIPTION OF VARIETY

PEA *(PISUM SATIVUM)*

NAME OF APPLICANT(S): Canners Seed Corporation

ADDRESS (Street and No. or R.F.D. No., City, State, and ZIP Code): P. O. Box 512, Lewisville, Idaho 83431

VARIETY NAME OR TEMPORARY DESIGNATION: #8617 Early Perfection

FOR OFFICIAL USE ONLY

PVPO NUMBER: 7500090

Place the appropriate number that describes the varietal character in the boxes below.
Place a zero in first box (e.g. 0 8 9 or 0 9) when number is either 99 or less or 9 or less.

1. TYPE:

[1] 1 = GARDEN 2 = FIELD 3 = EDIBLE-PODDED

2. MATURITY:

[1 5] Node number of first bloom: [0 6 7] No. of days to processing [1 5 9 0] Heat Units

[ ] No. of days *Earlier* than . . . [1] 1 = ALASKA WR 2 = THOMAS LAXTON WR 3 = LITTLE MARVEL

[1 2] No. of days *Later* than . . . . [ ] 4 = WANDO 5 = ALDERMAN WR 6 = AUSTRIAN WINTER

3. PLANT HEIGHT:

[0 7 0] CM. HIGH

[0 0] Cm. *Shorter* than . . . . . [1] 1 = ALASKA WR 2 = THOMAS LAXTON WR 3 = LITTLE MARVEL

[ ] Cm. *Taller* than . . . . . [ ] 4 = WANDO 5 = ALDERMAN WR 6 = AUSTRIAN WINTER

4. VINE:

[1/2] Habit: 1 = DETERMINATE 2 = INDETERMINATE [2] Stockiness: 1 = SLIM (Alaska) 2 = MEDIUM (Thomas Laxton WR) 3 = HEAVY (Alderman)

JEF 80-707
JEF 801006

[1] Branching: 1 = NONE (Alaska) 2 = 1–2 BRANCHES (Little Marvel) 3 = MORE THAN 2 BRANCHES (Dwarf Gray Sugar

[1] Internodes: 1 = STRAIGHT 2 = ZIG ZAG [1 8] NUMBER OF NODES

5. LEAFLETS:

[2] Color: 1 = LIGHT GREEN (Alaska WR) 2 = MED. GREEN (Thomas Laxton WR) 3 = DARK GREEN (Alderman) 4 = OTHER (Specify)

[3] Wax: 1 = NONE 2 = LIGHT 3 = MEDIUM 4 = HEAVY [2] 1 = NOT MARBLED 2 = MARBLED (Alaska)

[4] Number of leaflet pairs: 1 = NOT PAIRED 2 = ONE 3 = TWO 4 = THREE OR MORE

6. STIPULES:

[2] 1 = LACKING 2 = PRESENT [1] 1 = NOT CLASPING 2 = CLASPING

[2] 1 = NOT MARBLED 2 = MARBLED [3] Size (Compared with leaflets): 1 = SMALLER 2 = SAME 3 = LARGER

[2] Color (Compared with leaflets): 1 = LIGHTER 2 = SAME 3 = DARKER

3

7. FLOWER COLOR:

[1] 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

[2] End: 1 = POINTED (Alderman) 2 = BLUNT (Alaska)

[2] Color: 1 = LIGHT GREEN (Alaska WR) 2 = MEDIUM GREEN 3 = DARK GREEN (Alderman) 4 = OTHER (Specify) _____

[1] Surface: 1 = SMOOTH 2 = ROUGH

[1] Surface: 1 = SHINY 2 = DULL

[2] Borne: 1 = SINGLE 2 = DOUBLE 3 = SINGLE AND DOUBLE 4 = SINGLE, DOUBLE, & TRIPEE 5 = DOUBLE & TRIPLE 6 = TRIPLE 7 = OTHER (Specify) _____

[0 7] CM. LENGTH

[1 3] MM. WIDTH (Between sutures)

[0 8] NO. SEEDS PER POD

9. SEEDS (95–100 Tenderometer):

[1] Color: 1 = LIGHT GREEN 2 = GREEN 3 = DARK GREEN 4 = OTHER (Specify) _____

Seive: %	1	2	3	4	5	6	7	8	AVERAGE
	0 2	0 9	2 5	4 4	1 8	0 2			2 7 3

SEEDS (Dry, Mature):

[2] Shape: 1 = FLATTENED 2 = ANGULAR 3 = OVAL 4 = ROUNDED

[3] Surface: 1 = SMOOTH 2 = DIMPLED 3 = WRINKLED

[2] Surface: 1 = SHINY 2 = DULL

[1] Color Pattern: 1 = MONOCOLOR 2 = MOTTLED 3 = STRIPED 4 = DOTTED

[3] Primary 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

[3] Secondary Color: 10 = GRAY 11 = BLACK

[1] Hilum Floor Color: 1 = WHITE 2 = TAN 3 = BLACK

[1] Cotyledon Color: 1 = GREEN 2 = YELLOW 3 = ORAN

[2 1] GRAMS PER 100 SEEDS

10. DISEASE: (0 = Not Tested; 1 = Susceptible; 2 = Resistant)

[2]	FUSARIUM WILT	[2]	NEAR–WILT	[0]	DOWNY MILDEW
[0]	ASCOCHYTA BLIGHT	[2]	POWDERY MILDEW	[0]	BACTERIAL BLIGHT
[0]	MOSAIC	[1]	PEA ENATION MOSAIC	[0]	YELLOW BEAN MOSAIC

[ ] OTHER (Specify) Appreciably tolerant to root rots (Fusarium)

R APR 4 975

11. INSECT: (0= Not Tested; 1 = Susceptible; 2 = Resistant)

[1] APHIDS

[0] OTHER (Specify) _____

12. INDICATE WHICH VARIETY MOST CLOSELY RESEMBLES THAT SUBMITTED

CHARACTER	NAME OF VARIETY	CHARACTER	NAME OF VARIETY
Leafiness	Perfection	Fresh Seed Color	Perfection
Leaf Color	Perfection	Mature Seed Color	Perfection
Pod Color	Perfection	Seed Shape	Perfection
Pod Shape	Perfection	Plant Habit	Perfection

COMMENTS:

Slightly more vigor and foliage than #8615.

FORM GR-470
(12-15-72)

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
GRAIN DIVISION
HYATTSVILLE, MARYLAND 20782

FORM APPROVED
OMB NO. 40-R3712

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE

INSTRUCTIONS: *See Reverse.*

1. VARIETY NAME OR TEMPORARY DESIGNATION #8617 Early Perfection	2. KIND NAME Processing pea variety for canning.	FOR OFFICIAL USE ONLY PV NUMBER 7500090
3. GENUS AND SPECIES NAME Pisum sativum L.	4. FAMILY NAME *(Botanical)* Legume	FILING DATE 5·20·75 / TIME 10 A.M.
	5. DATE OF DETERMINATION March 1, 1970	FEE RECEIVED $250 / BALANCE DUE $ —
		$ 250 / $ —
		$ 250 / $ —
6. NAME OF APPLICANT(S) Canners Seed Corporation	7. ADDRESS *(Street and No. or R.F.D. No., City, State, and ZIP Code)* P. O. Box 512 Lewisville, Idaho 83431	8. TELEPHONE AREA CODE AND NUMBER Code 208 754-4519

9. IF THE NAMED APPLICANT IS NOT A PERSON, FORM OF ORGANIZATION: *(Corporation, partnership, association, etc.)* Corporation	10. STATE OF INCORPORATION **Delaware**	11. DATE OF INCORPORATION **Feb. 14, 1936**

12. Name and mailing address of applicant representative(s), if any, to serve in this application and receive all papers:

Paul H. Deniger, Pres.
Canners Seed Corporation
P. O. Box 1874
Idaho Falls, Idaho 83401

13. CHECK BOX BELOW FOR EACH ATTACHMENT SUBMITTED:

[X] 13A. Exhibit A, Origin and Breeding History of the Variety *(See Section 52 of the Plant Variety Protection Act.)*

[X] 13B. Exhibit B, Botanical Description of the Variety

[X] 13C. Exhibit C, Objective Description of the Variety

[X] 13D. Exhibit D, Data Indicative of Novelty

[X] 13E. Exhibit E, Statement of the Basis of Applicant's Ownership

14A. 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). (If "Yes," answer 14B and 14C below.)* [ ] YES [✓] NO 1st 801215

14B. Does the applicant(s) specify that this variety be limited as to number of generations? [ ] YES [ ] NO

14C. If "Yes," to 14B, how many generations of production beyond breeder seed? [ ] FOUNDATION [ ] REGISTERED [ ] CERTIFIED

The applicant declares that a viable sample of basic seed of this variety will be deposited upon request before issuance of a certificate and will be replenished periodically in accordance with such regulations as may be applicable.

The undersigned applicant(s) of this sexually-reproduced novel plant variety believes 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 is informed that false representation herein can jeopardize protection and result in penalties.

CANNERS SEED CORPORATION

May 16, 1974 (DATE) — Paul H. Deniger (SIGNATURE OF APPLICANT)

1

(DATE) — (SIGNATURE OF APPLICANT)

7500090

ATTACHMENTS #8617 Early Perfection

13a Backcross made in 1962-63 greenhouse season between #3019 Early Perfection (C.S.C. variety) and a mildew resistant plant from a cross between Stratagem and #3019 Early Perfection. Cross made by Paul E. Schulz, Manager of Libby, McNeill & Libby Agricultural Research Center, Janesville, Wisconsin, 53545. Generations following backcross grown at Lewisville, Idaho by Canners Seed Corporation during normal growing seasons with elimination of undesirable plant types and plants susceptible to root rots. Selection made at Lewisville by Earl J. Renard during 1965 from F4 generation following backcross; and line increased at Lewisville, Idaho. Variety determined to be uniform and free from variants by 1970. Canning tests made at Janesville, Wisconsin to confirm acceptable quality of the canned product.

13b Medium sized, wrinkled seed with green cotyledons. Strong seedlings. First flowers occur on 14th, 15th, and 16th nodes with concentration on 15th and 16th nodes. Length of vine 22 to 30 inches depending on soil fertility and growing conditions. Pods 3 to 3 1/4 inches long, well filled, ~~with very slightly tapered~~ blunt apices. Medium sized leaves. Similar to some other Early Perfection strains in general appearance. Resistant to powdery mildew and to common wilt.

H.F.
ltr 3/31/76

13d Photographs not available now but will be taken during 1974 growing season. Seed available.

13e Applicant is employer of breeder.

FORM APPROVED. OMB NO. 40-R3712

FORM GR-470-14
(5-15-74)

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
GRAIN DIVISION
HYATTSVILLE, MARYLAND 20782

EXHIBIT C
(Pea)

OBJECTIVE DESCRIPTION OF VARIETY

PEA *(PISUM SATIVUM)*

NAME OF APPLICANT(S)
Canners Seed Corporation

ADDRESS *(Street and No. or R.F.D. No., City, State, and ZIP Code)*
P. O. Box 512
Lewisville, Idaho 83431

VARIETY NAME OR TEMPORARY DESIGNATION
#8617 Early Perfection

FOR OFFICIAL USE ONLY

PVPO NUMBER
7500090

Place the appropriate number that describes the varietal character in the boxes below.
Place a zero in first box (e.g. [0][8][9] or [0][9]) when number is either 99 or less or 9 or less.

1. TYPE:

[1] 1 = GARDEN 2 = FIELD 3 = EDIBLE-PODDED

2. MATURITY:

[1][5] Node number of first bloom: [0][6][7] No. of days to processing [1][5][9][0] Heat Units

[ ][ ] No. of days *Earlier* than . . . [1] 1 = ALASKA WR 2 = THOMAS LAXTON WR 3 = LITTLE MARVEL

[1][2] No. of days *Later* than . . . . [ ] 4 = WANDO 5 = ALDERMAN WR 6 = AUSTRIAN WINTER

3. PLANT HEIGHT:

[0][7][0] CM. HIGH

[0][0] Cm. *Shorter* than . . . . . [1] 1 = ALASKA WR 2 = THOMAS LAXTON WR 3 = LITTLE MARVEL

[ ][ ] Cm. *Taller* than . . . . . [ ] 4 = WANDO 5 = ALDERMAN WR 6 = AUSTRIAN WINTER

4. VINE:

[1/2] Habit: 1 = DETERMINATE 2 = INDETERMINATE [2] Stockiness: 1 = SLIM (Alaska) 2 = MEDIUM (Thomas Laxton WR) 3 = HEAVY (Alderman)

167 800707
167 801006

[1] Branching: 1 = NONE (Alaska) 2 - 1–2 BRANCHES (Little Marvel) 3 = MORE THAN 2 BRANCHES (Dwarf Gray Sugar

[1] Internodes: 1 = STRAIGHT 2 = ZIG ZAG [1][8] NUMBER OF NODES

5. LEAFLETS:

[2] Color: 1 = LIGHT GREEN (Alaska WR) 2 = MED. GREEN (Thomas Laxton WR) 3 = DARK GREEN (Alderman) 4 = OTHER (Specify)

[3] Wax: 1 = NONE 2 = LIGHT 3 = MEDIUM 4 = HEAVY [2] 1 = NOT MARBLED 2 = MARBLED (Alaska)

[4] Number of leaflet pairs: 1 = NOT PAIRED 2 = ONE 3 = TWO 4 = THREE OR MORE

6. STIPULES:

[2] 1 = LACKING 2 = PRESENT [1] 1 = NOT CLASPING 2 = CLASPING

[2] 1 = NOT MARBLED 2 = MARBLED [3] Size (Compared with leaflets): 1 = SMALLER 2 = SAME 3 = LARGER

[2] Color (Compared with leaflets): 1 = LIGHTER 2 = SAME 3 = DARKER

3

7. FLOWER COLOR:

[1] VENATION [1] STANDARD [1] WING [1] KEEL } 1 = WHITE 2 = GREENISH 3 = LAVENDER 4 = PURPLE 5 = RED 6 = OTHER (Specify) _____

EXHIBIT D

DATA INDICATIVE OF NOVELTY

#8617 EARLY PERFECTION

#8617 Early Perfection is of the general Early Perfection pea type, and most closely resembles #3040 Early Perfection, a standard commercial canning line. However, the two varieties may be distinguished readily on the basis of their respective reaction to infection by powdery mildew (*Erysiphe polygoni* DC.). #3040 Early Perfection is susceptible to the disease in that under optimum conditions powdery mildew will multiply on the plants and cause a degree of damage. #8617 Early Perfection is resistant to this disease in that under optimum conditions powdery mildew will not multiply on the plants or cause measurable damage.

7500090

EXHIBIT E

STATEMENT OF THE BASIS OF APPLICANT'S OWNERSHIP

Canners Seed Corporation, Lewisville, Idaho, is the sole, original and first breeder of the #8617 Early Perfection variety of processing peas for which it solicits a certificate of protection.

January 29, 1996

Mr. Hank Mende
Nunhems Seed Corporation
PO Box 18
221 E. Main Street
Lewisville ID 83431

Dear Mr. Mende:

SUBJECT: **Withdrawing Plant Variety Protection for Certificates No:**
7800060, PEA, '#9889 Freezer'
7800061, PEA, '#9901 Canner'
8000064, PEA, '8615 Early Perfection'
8000065, PEA, '9021 Early Perfection'
8900223, PEA, 'Boomer'
8900224, PEA, 'Booster'
8900225, PEA, 'Prairie'

In response to your letter of December 12, 1995, we are declaring the above certificates voluntarily withdrawn as of December 28, 1995. A notice that these certificates are no longer protected under the Plant Variety Protection Act will be published in the Plant Variety Protection Official Journal. **These certificates must be returned to our office.**

The remainder of the certificates listed in your letter have already expired, therefore, they do not need to be withdrawn or returned to our office. They are PV Numbers: 7500090; 7500104; 7600013; 7600015; and 7600016.

If you do not wish to voluntarily withdrawal these varieties, please notify us within 30 days from the date of this letter.

Sincerely,

Marsha A. Stanton, Commissioner
Plant Variety Protection Office
Telephone: (301) 504-5518
Facsimile: (301) 504-5291

MAS/mrm/sep

8. PODS:

[1] Shape: 1 = STRAIGHT 2 = SLIGHTLY CURVED 3 = CURVED

[2] End: 1 = POINTED (Alderman) 2 = BLUNT (Alaska)

[2] Color: 1 = LIGHT GREEN (Alaska WR) 2 = MEDIUM GREEN 3 = DARK GREEN (Alderman) 4 = OTHER (Specify) _____

[1] Surface: 1 = SMOOTH 2 = ROUGH

[1] Surface: 1 = SHINY 2 = DULL

[2] Borne: 1 = SINGLE 2 = DOUBLE 3 = SINGLE AND DOUBLE 4 = SINGLE, DOUBLE, & TRIPEE 5 = DOUBLE & TRIPLE 6 = TRIPLE 7 = OTHER (Specify) _____

[0 7] CM. LENGTH

[1 3] MM. WIDTH (Between sutures)

[0 8] NO. SEEDS PER POD

9. SEEDS (95–100 Tenderometer):

[1] Color: 1 = LIGHT GREEN 2 = GREEN 3 = DARK GREEN 4 = OTHER (Specify) _____

	1	2	3	4	5	6	7	8	AVERAGE
Seive: %	02	09	25	44	18	02			373

SEEDS (Dry, Mature):

[2] Shape: 1 = FLATTENED 2 = ANGULAR 3 = OVAL 4 = ROUNDED

[3] Surface: 1 = SMOOTH 2 = DIMPLED 3 = WRINKLED

[2] Surface: 1 = SHINY 2 = DULL

[1] Color Pattern: 1 = MONOCOLOR 2 = MOTTLED 3 = STRIPED 4 = DOTTED

[3] Primary 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

[3] Secondary Color: 10 = GRAY 11 = BLACK

[1] Hilum Floor Color: 1 = WHITE 2 = TAN 3 = BLACK

[1] Cotyledon Color: 1 = GREEN 2 = YELLOW 3 = ORAN

[21] GRAMS PER 100 SEEDS

10. DISEASE: (0 = Not Tested; 1 = Susceptible; 2 = Resistant)

[2]	FUSARIUM WILT	[2]	NEAR–WILT	[0]	DOWNY MILDEW
[0]	ASCOCHYTA BLIGHT	[2]	POWDERY MILDEW	[0]	BACTERIAL BLIGHT
[0]	MOSAIC	[1]	PEA ENATION MOSAIC	[0]	YELLOW BEAN MOSAIC

[ ] OTHER (Specify) Appreciably tolerant to root rots (Fusarium)

RECEIVED APR 4 1975 U.S. DEPARTMENT

11. INSECT: (0 = Not Tested; 1 = Susceptible; 2 = Resistant)

[1] APHIDS

[0] OTHER (Specify) _____

12. INDICATE WHICH VARIETY MOST CLOSELY RESEMBLES THAT SUBMITTED

CHARACTER	NAME OF VARIETY	CHARACTER	NAME OF VARIETY
Leafiness	Perfection	Fresh Seed Color	Perfection
Leaf Color	Perfection	Mature Seed Color	Perfection
Pod Color	Perfection	Seed Shape	Perfection
Pod Shape	Perfection	Plant Habit	Perfection

COMMENTS:

Slightly more vigor and foliage than #8615.

RECEIVED
APR 4 1974
U.S. DEPT. OF AGRICULTURE
AMS, GRAIN DIV.
PVPO

INSTRUCTIONS

GENERAL: Send an original copy of the application, exhibits and $250.00 fee to U.S. Dept. of Agriculture, Agricultural Marketing Service, Grain Division, 6525 Belcrest Road, Hyattsville, Maryland 20782. (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

5 Insert the date the applicant determined that he had a new variety based on the definition in Section 41 (a) of the Act and decision is made to increase the seed.

13a First, give the genealogy, including public and commercial varieties, lines, or clones used, and the breeding method. Second, give the details of subsequent stages of selection and multiplication. Third, indicate the type and frequency of variants during reproduction and multiplication and state how these variants may be identified. Fourth, provide evidence on stability.

13b First, give any special characteristics of the seed and of the plant as it passes through the seedling stage, flowering stage and the fruiting stage. Second, describe the mature plant and compare it with a similar commercial variety grown under the same conditions, and indicate the differences.

13c A supplemental form will be furnished by the PVPO to describe in detail a variety for each kind of seed.

13d Provide complete data indicative of novelty. Seed and plant specimens or photographs of seed and plant comparisons clearly indicating novelty may be submitted. Seeds submitted may be sterile.

13e Indicate whether applicant is the actual breeder, the employer of the breeder, the owner through purchase or inheritance, etc.

RECEIVED
APR 4
PVPO

Re-examination

for approval:

~~Evans~~ [illegible]

~~[illegible]~~

~~Evans~~

1) letter requesting $10 reissuance fee needs to be sent upon approval **approved** [illegible]

2) after fee returned - Frey must correct the certificate for the plant habit trait

3) certificate returned under letter of Lee's signature

~~Based on my spot check review, we need to do another search. I'm surprise a breeder would make an error in plant habit.~~

[illegible]

Nancy ready for re-issuance fee. 10/6/80

Jesse

We requested $250 search fee and indicated the reissuance fee would be $10. in our letter of 6/10/80

The fee $250 was sent July 31 and the certificate was sent Aug. 14.

1st search by Fisher 3/15/76

2nd search July 31, 1980.

New search fee received and 2nd search completed Oct. 1, 1980

Ken Evans 10/6/80