No. 7400028

THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Western Valley Seed Company

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

'Vernon'

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* 16th *day of* August *in the year of our Lord one thousand nine hundred and* seventy-four

Attest:

J. Rollin

Commissioner
Plant Variety Protection Office
Grain Division
Agricultural Marketing Service

Earl L Butz

Secretary of Agriculture

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 VERNON	2. KIND NAME Peas	FOR OFFICIAL USE ONLY PV NUMBER 7400028
3. GENUS AND SPECIES NAME Pisum Sativun	4. FAMILY NAME *(Botanical)* Leguminosae 5. DATE OF DETERMINATION July 1, 1971	FILING DATE 11-7-73 TIME 8:00 A.M. FEE RECEIVED $250 BALANCE DUE $ — $ $ $ $
6. NAME OF APPLICANT(S) Western Valley Seed Co.	7. ADDRESS *(Street and No. or R.F.D. No., City, State, and ZIP Code)* 317 D Street P.O. Box 855 Lewiston, Idaho 83501	8. TELEPHONE AREA CODE AND NUMBER 208-743-6261
9. IF THE NAMED APPLICANT IS NOT A PERSON, FORM OF ORGANIZATION: *(Corporation, partnership, association, etc.)* Corporation	10. STATE OF INCORPORATION Idaho	11. DATE OF INCORPORATION January 27, 1953

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

Ardie G. Gustafson, President
Western Valley Seed Co.
P.O. Box 855
Lewiston, Idaho 83501

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.)* [X] YES [ ] NO

14B. Does the applicant(s) specify that this variety be limited as to number of generations? [ ] YES [X] 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 representations herein can jeopardize protection and result in penalties.

November 1, 1973 (DATE) — Ardie G. Gustafson (SIGNATURE OF APPLICANT)

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(DATE) — (SIGNATURE OF APPLICANT)

FORM GR-470 (REVERSE)

RECEIVED
OF AGRICULTURE
NOV 7 1973
AMS
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.

P. O. BOX 855
LEWISTON, IDAHO 83501
U. S. A.

Western Valley SEED CO.

Cablegrams: Westvalley
Phone: (208) 743-6261

GROWERS OF CANNING AND FREEZING VARIETIES OF SEED PEAS

EXHIBIT A

Origin and Breeding History of the Variety

1. Vernon originated in Idaho in 1969 from a hand pollinated cross between a Washington State University P.I. line as the male parent and Western Valley Seed Co. Dark Green Perfection as the female parent. (W.S.U. 69011 (P.I. 206798) X 63928 Dark Green Perfection).

2. This original cross was multiplied four generations through greenhouse and outside plot plantings. Pure line selections being made in the fifth generation. In the fall of 1971 this progency was sent to New Zealand for testing. In 1972, back to New Zealand for a winter increase. This seed being returned in the spring of 1973 for planting in Company trials in the State of Washington. The 1973 State of Washington production of this variety is back to New Zealand for a 3rd winter increase during 1973-74. During this time tests were made by the U.S.D.A. Agricultural Research Station at Prosser, Washington and the Washington State University Northwest Washington Research and Extension Unit.

3. Stabilized in F_5. No variants in subsequent generation that would require rogueing. ltr 11/20/73 ~~[illegible]~~

Quotations subject to market changes, seed being unsold and F.O.B. western growing station unless otherwise specified. Western Valley Seed Co. warrants, to the extent of purchase price, that seeds sold are as described on the container, within recognized tolerances.
We give no other or further warranty, expressed or implied.

P. O. BOX 855
LEWISTON, IDAHO 83501
U. S. A.

Western Valley SEED CO.

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Phone: (208) 743-6261

GROWERS OF CANNING AND FREEZING VARIETIES OF SEED PEAS

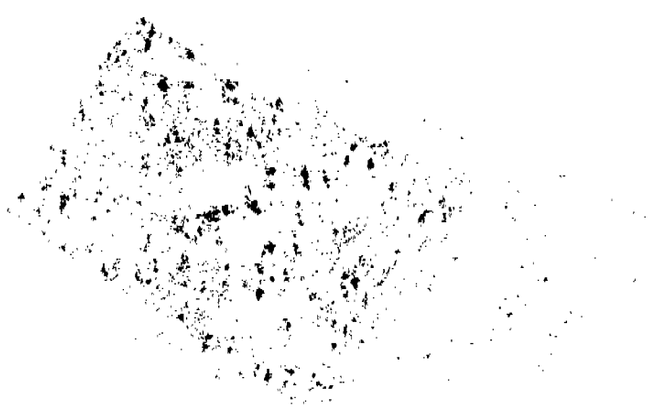
EXHIBIT B

Botanical Description of the Variety

Vernon is a mid-season Perfection type freezer pea. Plants are determinate, vigorous, double podded and is resistant to Race 5 Fusarium wilt.

This variety has good seedling vigor, Perfection type vine, internodes zigzag, semi-stiff straw with a 30 76 cm inch plant height. The plant is medium heavy, will do some branching, node color is green, internodes being about two 5 cm inches. First inflorescense being on the fourteenth node. Leaflets are paired two or more, medium wax, with marbling and dark green. Stipules are marbled, waxed, darker green than the leaflets and non clasping. Flowers are white with greenish venation and usually born as doubles. Generally the variety closely resembles Dark Green Perfection with a slightly smaller berry size.

Vernon has good growth habits and is resistant to Race 5 Fusarium wilt, which is extremely critical in some growing areas of the Pacific Northwest.



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GROWERS OF CANNING AND FREEZING VARIETIES OF SEED PEAS

Superseded

EXHIBIT D

Data Indicative of Novelty

Western Valley Seed Co. is the Breeder of this Race 5 Fusarium wilt resistant strain of Dark Green Perfection peas. Retaining the characters of being a freezer variety of mid-season maturity, high yield potential with acceptable quality.

With Race 5 wilt resistance, production of a crop can be accomplished in an area where this wilt can be totally destructive.

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Application No. 7400028 Pea, 'Vernon'

13D. Exhibit D:

'Vernon' most closely resembles 'Dark Green Perfection' but differs in having resistance to Fusarium Wilt Race 5.

Western Valley Seed Co
by Andie G Gustafson

P. O. BOX 855
LEWISTON, IDAHO 83501
U. S. A.

Western Valley SEED CO.

Cablegrams: Westvalley
Phone: (208) 743-6261

GROWERS OF CANNING AND FREEZING VARIETIES OF SEED PEAS

EXHIBIT E

Statement of Applicants Ownership

Western Valley Seed Co. of Lewiston, Idaho believes it is the sole original, and first Breeder of a variety with these characteristics, and being resistant to Race 5 Fusarium wilt.

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Quotations subject to market changes, seed being unsold and F.O.B. western growing station unless otherwise specified. Western Valley Seed Co. warrants, to the extent of purchase price, that seeds sold are as described on the container, within recognized tolerances.
We give no other or further warranty, expressed or implied.

Exhibit C

FORM APPROVED. OMB NO. 40-R3712

FORM GR-470-14 (10-2-72)

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

EXHIBIT C (Pea)

OBJECTIVE DESCRIPTION OF VARIETY

PEA (*PISUM SATIVUM*)

INSTRUCTIONS: *See Reverse.*

NAME OF APPLICANT(S): Western Valley Seed Co.

ADDRESS (*Street and No. or R.F.D. No., City, State, and ZIP Code*): 317 D Street P.O. Box 855, Lewiston, Idaho 83501

FOR OFFICIAL USE ONLY

PVPO NUMBER: 7400022

VARIETY NAME OR TEMPORARY DESIGNATION: VERSION

Place the appropriate number that describes the varietal character of this variety 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:

2 — 1 = ~~TALL~~ (Internodes straight) 2 = ~~DWARF~~ (Internodes zigzag)

1 — 1 = GARDEN 2 = FIELD 3 = EDIBLE-PODDED

2. SEASON:

2 Node number of first bloom: 1 = EARLY (8 - 12th node) 2 = MIDSEASON (13 - 24th node) 3 = LATE (Greater than 24th node)

3. MATURITY:

0 5 No. of days *Earlier* than 5

1 1 No. of days *Later* than 1

1 = ALASKA WR 2 = THOMAS LAXTON WR 3 = LITTLE MARVEL 4 = WANDO 5 = ALDERMAN WR 6 = AUSTRIAN WINTER

4. PLANT HEIGHT:

0 7 6 CM. HIGH

7 6 Cm. *Shorter* than 5

0 7 Cm. *Taller* than 1

1 = ALASKA WR 2 = THOMAS LAXTON WR 3 = LITTLE MARVEL 4 = WANDO 5 = ALDERMAN WR 6 = AUSTRIAN WINTER

5. VINE:

1 Habit: 1 = DETERMINATE 2 = INDETERMINATE

2 Stockiness: 1 = SLIM (Alaska) 2 = MEDIUM (Thomas Laxton WR) 3 = HEAVY (Alderman)

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

1 Node Color: 1 = GREEN 2 = RED BLOTCH

1 4 NUMBER OF NODES

0 5 CM. INTERNODE LENGTH (Just below 1st flowering node)

6. LEAFLETS:

3 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 Marbling: 1 = NONE 2 = MARBLED (Alaska)

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

7. 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

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

8. FLOWER COLOR:

1 1 = MONOCOLOR 2 = BICOLOR

2 Venation 1 Standard 1 Wing 1 Keel — 1 = WHITE 2 = GREENISH 3 = LAVENDER 4 = PURPLE 5 = RED 6 = OTHER (Specify) _____

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