No. 8300053

THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Wilbur-Ellis Company
Seed Division

Whereas, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

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

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF eighteen YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, 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

'Valgreen'

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* 30th *day of* April *in the year of our Lord one thousand nine hundred and* eighty-four.

Attest:

Kenneth R. Evans
Commissioner
Plant Variety Protection Office
Grain Division
Agricultural Marketing Service

John R. Block
Secretary of Agriculture

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
LIVESTOCK, MEAT, GRAIN & SEED DIVISION

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE

(Instructions on reverse)

FORM APPROVED: OMB NO. 0581-0005

No certificate for plant variety protection may be issued unless a completed application form has been received (5 U.S.C. 553).

1. NAME OF APPLICANT(S)
Wilbur - Ellis Company
Seed Division

2. TEMPORARY DESIGNATION
PS 1536

3. VARIETY NAME
VALGREEN

4. ADDRESS *(Street and No. or R.F.D. No., City, State, and Zip Code)*
East 12001 Empire Way
Spokane, Washington 99206 USA

5. PHONE *(Include area code)*
(509)922-1774

FOR OFFICIAL USE ONLY
PVPO NUMBER
8300053

6. GENUS AND SPECIES NAME
Pisum sativum

7. FAMILY NAME *(Botanical)*
Leguminosae

FILING
DATE 1-21-83
TIME 3:00 ☐ A.M. ☒ P.M.

8. KIND NAME
Peas

9. DATE OF DETERMINATION
July 7, 1981

FEES RECEIVED
AMOUNT FOR FILING $ 1,000
DATE 1/21/83
AMOUNT FOR CERTIFICATE $ 500
DATE 4/10/84

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

11. IF INCORPORATED, GIVE STATE OF INCORPORATION
California

12. DATE OF INCORPORATION
1924

13. NAME AND ADDRESS OF APPLICANT REPRESENATIVE(S), IF ANY, TO SERVE IN THIS APPLICATION AND RECEIVE ALL PAPERS
Floyd A. Weems
Wilbur - Ellis Company
Seed Division Spokane, Washington 99206 USA
East 12001 Empire Way

14. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED

a. ☒ Exhibit A, Origin and Breeding History of the Variety *(See Section 52 of the Plant Variety Protection Act.)*

b. ☒ Exhibit B, Novelty Statement

c. ☒ Exhibit C, Objective Description of the Variety *(Request form from Plant Variety Protection Office.)*

d. ☒ Exhibit D, Additional Description of the Variety

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

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

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

18. DID THE APPLICANT(S) FILE FOR PROTECTION OF THE VARIETY IN THE U.S. OR OTHER COUNTRIES?
United Kingdom October 18, 1982
☒ Yes *(If "Yes," give names of countries and dates)*
☐ No

19. HAVE RIGHTS BEEN GRANTED IN THE U.S. OR OTHER COUNTRIES?
☐ Yes *(If "Yes," give names of countries and dates)*
☒ No

20. The applicant(s) declare(s) that a viable sample of basic seeds of this variety will be furnished with the application and will be replenished upon request in accordance with such regulations as may be applicable.

The undersigned applicant(s) is (are) the owner(s) of this sexually reproduced novel plant variety, and believe(s) that the variety is distinct, uniform, and stable as required in Section 41, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act.

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

SIGNATURE OF APPLICANT For: Wilbur - Ellis Company Seed Division
Floyd A. Weems
Floyd A. Weems, Research Director
DATE October 18, 1982

SIGNATURE OF APPLICANT
DATE

FORM LMGS-470 (9-81) (Edition of 1-78 is obsolete)

VALGREEN

14A EXHIBIT A

8300053

VALGREEN was derived from the following crosses:

$\left(\left(\text{PI } 285719 \times^{5} \text{ Dark Skin Perfection}\right) \times^{3} \text{ RF } 73152\right)$

PI 285719 is a plant introduction line from Poland, with a very uniform plant type, medium height, medium vigor, flowering 16th node, very heavy foliage, dark green color, late maturity, purple flowered, moderate pod-set, frequent double flowers, average 6 ovules per pod and good virus tolerance.

DARK SKIN PERFECTION is a public freezer variety widely grown in the pea processing areas of the USA and Europe.

RF 73152 is a multi-podded, multi-resistant, breeding line. A Dark Skin Perfection type plant, podding 4, 4, 3, 3, very concentrated pod-set, flowering on the 15th node, very uniform plant, medium height, midseason maturity, white flowered, 6-8 ovules, dark green, Dark Skin Perfection vigor and resistant to Fusarium Wilt, races 1, 5, and only good tolerance to race 6.

PI 258719 was crossed with Dark Skin Perfection. The resulting F_1 progenies were then back crossed five generations with Dark Skin Perfection. Progeny of this combination was crossed to RF 73152, then backcrossed three generations, then advanced three generations. At this time, single plants were selected for multi-podded and plant characteristics. These single plant progenies were then grown three generations in soils heavily infested with Fusarium Wilt races 5 and 6. Further selections were made for resistance to the two races of wilt. We advanced these selections to the ninth generation, where we found them to be genetically stable. In 1981, we began our first increase program to our present quantities. We have observed no variants during the past two multiplications, which we feel is evidence of uniformity and stability.

VALGREEN 8300053

14B EXHIBIT B

WILBUR-ELLIS COMPANY believes we are the original and only breeder of the variety VALGREEN and base novelty on the following:

VALGREEN pods are borne 4, 4, 3, 2 per peduncle, whereas Dark Skin Perfection pods are borne 2, 2, 1, 1 per peduncle.

VALGREEN average sieve size is 4.11, whereas Dark Skin Perfection is 4.47.

VALGREEN average plant height is 56.0 cm, whereas Dark Skin Perfection plant height averages 66.0 cm.

VALGREEN bears its pods in a more concentrated set toward the top of the plant more than does Dark Skin Perfection, making VALGREEN more uniform in maturity.

VALGREEN averages 74 days to 100 tenderometer maturity, whereas Dark Skin Perfection averages only 70 days to 100 tenderometer.

VALGREEN is resistant ot Fusarium Wilt races 5 and 6, whereas Dark Skin Perfection is susceptible to both races.

VALGREEN has exceptionally strong internodes below the first flowering node and each node thereafter, giving outstanding, upright plant support to the weight of mature pods. Dark Skin Perfection has strong internodes below first flowering node, becoming weaker each node thereafter, creating lodging at pod maturity.

VALGREEN is most similar to the variety, Dark Skin Perfection.

FORM APPROVED: OMB NO. 0581-0055

EXHIBIT C
(Pea)

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
LIVESTOCK, POULTRY, GRAIN & SEED DIVISION
NATIONAL AGRICULTURAL LIBRARY
BELTSVILLE, MARYLAND 20705

OBJECTIVE DESCRIPTION OF VARIETY

PEA *(PISUM SATIVUM)*

NAME OF APPLICANT(S)
Wilbur - Ellis Company Seed Division

ADDRESS *(Street and No. or R.F.D. No., City, State, and ZIP Code)*
East 12001 Empire Way
Spokane, Washington 99206 USA

VARIETY NAME OR TEMPORARY DESIGNATION
VALGREEN (PS 1536)

FOR OFFICIAL USE ONLY
PVPO NUMBER 8300053

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:

[15] Node number of first bloom: [0][7][4] No. of days to processing [1][6][9][5] Heat Units

[N][A] No. of days *Earlier* than . . . . [NA] 1 = ALASKA WR 2 = THOMAS LAXTON WR 3 = LITTLE MARVEL 7= Dark Skin Perfection

[0][4] No. of days *Later* than . . . . [7] 4 = WANDO 5 = ALDERMAN WR 6 = AUSTRIAN WINTER

3. PLANT HEIGHT:

[0][5][6] CM. HIGH

[1][0] Cm. *Shorter* than . . . . . [7] 1 = ALASKA WR 2 = THOMAS LAXTON WR 3 = LITTLE MARVEL 7= Dark Skin Perfection

[1][3] Cm. *Taller* than . . . . . [1] 4 = WANDO 5 = ALDERMAN WR 6 = AUSTRIAN WINTER

4. VINE:

[1] Habit: 1 = DETERMINATE 2 = INDETERMINATE

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

[3] 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

[2][0] NUMBER OF NODES

5. LEAFLETS:

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

[4] Wax: 1 = NONE 2 = LIGHT 3 = MEDIUM 4 = HEAVY

[1] 1 = NOT MARBLED 2 = MARBLED (Alaska)

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

6. STIPULES:

[2] 1 = LACKING 2 = PRESENT

[2] 1 = NOT CLASPING 2 = CLASPING

[1] 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

7. FLOWER COLOR:

[1] VENATION [1] STANDARD [1] WING [1] KEEL

1 = WHITE 2 = GREENISH 3 = LAVENDER 4 = PURPLE 5 = RED 6 = OTHER (Specify) _____

FORM LPGS-470-14 (8-80) (Formerly Form GR-470-14 (3-78) which may be used)

8. PODS:

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

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

[3] 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

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

[6.5] CM. LENGTH

[10] MM. WIDTH (Between sutures)

[6.8] NO. SEEDS PER POD

9. SEEDS (95–100 Tenderometer):

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

Seive: %	1	2	3	4	5	6	7	8	AVERAGE
	00	08	20	36	25	11	00	00	~~4.29~~ 4.11

RJS. 5/25/83

SEEDS (Dry, Mature):

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

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

[~~1~~ 2] Surface: 1 = SHINY 2 = DULL RJS 3/20/84

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

[5] 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

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

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

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

[24.5] GRAMS PER 100 SEEDS

10. DISEASE: (0 = Not Tested; 1 = Susceptible; 2 = Resistant) 3= Unknown

[2]	FUSARIUM WILT	[2]	NEAR–WILT	[3]	DOWNY MILDEW
[3]	ASCOCHYTA BLIGHT	[1]	POWDERY MILDEW	[3]	BACTERIAL BLIGHT
[3]	MOSAIC	[2]	PEA ENATION MOSAIC	[3]	YELLOW BEAN MOSAIC

[ ] OTHER (Specify) _____

11. INSECT: (0= Not Tested; 1 = Susceptible; 2 = Resistant) 3= Unknown

[3] APHIDS

[ ] OTHER (Specify) _____

12. INDICATE WHICH VARIETY MOST CLOSELY RESEMBLES THAT SUBMITTED

CHARACTER	NAME OF VARIETY	CHARACTER	NAME OF VARIETY
Leafiness	Dk. Skin Perf.	Fresh Seed Color	Puget
Leaf Color	Same	Mature Seed Color	Scout
Pod Color	Same	Seed Shape	Dk. Skin Perf.
Pod Shape	same	Plant Habit	Puget

COMMENTS:

VALGREEN

14D EXHIBIT D

ADDITIONAL DESCRIPTION OF VALGREEN

-SEE ATTACHED DATA-

8300053

VALGREEN — Variety Name — Variety Designation 00000-PS1536-82-04 — Variety Number

[3] TYPE OF SAMPLE 0 = na (no answer); 1 = cross; 2 = single plant selection; 3 = bulk selection

Origin Female PI 285719 — Origin Male DARK SKIN PERFECTION

Origin Short BC 5 GEN TO DSP THEN x RF 73152 BC 3 GEN TO RF 73152 THEN SPS SELECTED 11 GENERATION

VALGREEN

HISTORY (FOR PREVIOUS YEAR) PS 1536-81-04 — Variety Name — Variety Designation 00000-PS1536-82-04 — Variety Number

[8] DISPOSITION 0 = na; 1 = discard; 2 = hold; 3 = increase; 4 = increase and reselect; 5 = increase and retest; 6 = test for disease reaction; 7 = sample to research station; 8 = sample to customer

[2] USE 0 = na; 1 = canner; 2 = canner-freezer; 3 = dry edible; 4 = edible pod; 5 = feed grain

[1] GENERAL TYPE 0 = na; 1 = garden; 2 = field; 3 = edible pod

[1] INTERNODE TYPE 0 = na; 1 = internodes straight; 2 = internodes zigzag

[2] SEASON: NODE NUMBER OF FIRST BLOOM 0 = na; 1 = early (8th - 12th node); 2 = midseason (13th-15th node); 3 = late (16th-24th node)

MATURITY [NA] number of days earlier than [–] [04] number of days later than [6]
1 = Alaska WR; 2 = Thomas Laxton WR; 3 = Little Marvel; 4 = Wando; 5 = Alderman WR (6) DARK SKIN PERFECTION

COMPARATIVE PLANT HEIGHT [10] cm. shorter than [6] [13] cm. taller than #1
1 = Alaska WR; 2 = Thomas Laxton WR; 3 = Little Marvel; 4 = Wando; 5 = Alderman WR (6) DSP

ACTUAL PLANT HEIGHT [056] cm. high

VINE

[1] Habit 0 = na; 1 = determinate; 2 = undecided; 3 = indeterminate. [ ] Node Color 0 = na; 1 = green; 2 = red blotch.

[3] Stockiness 0 = na; 1 = slim (Alaska); 2 = medium (Thomas Laxton WR); 3 = heavy (Alderman)

[2] Branching 0 = na; 1 = none; 2 = one to two branches (Little Marvel); 3 = more than two branches (Dwarf Grey Sugar)

[15] (Range 14-16) Number of Nodes to First Bloom [06] cm. Internode Length (just below first flowering node)

[QQ] Color (Royal Society Color Chart)

LEAFLETS

[ ] Color [3] Wax 0 = na; 1 = none; 2 = light; 3 = medium; 4 = heavy [2] Marbling 0 = na; 1 = none; 2 = marbled

2 – [3] Number of Pairs 0 = na; 1 = one; 2 = two; 3 = three or more; 4 = not paired; 5 = none

STIPULES

[2] Presence 0 = na; 1 = lacking; 2 = present [2] Marbling 0 = na; 1 = not marbled; 2 = marbled

[2] Color Compared with Leaflets 0 = na; 1 = lighter; 2 = same; 3 = darker [2] Clasping 0 = na; 1 = not cls.; 2 = cls.

[3] Size Compared with Leaflets 0 = na; 1 = smaller; 2 = same; 3 = larger

FLOWER COLOR

[1] Venation [1] Standard [1] Wing [1] Keel 0 = na; 1 = white; 2 = greenish; 3 = lavendar; 4 = purple; 5 = red

[1] Monocolor or Bicolor 0 = na; 1 = monocolor; 2 = bicolor — 49 days 1st Bloom

PODS

[1] Shape 0 = na; 1 = straight; 2 = slightly curved; 3 = curved [2] End 0 = na; 1 = pointed; 2 = blunt (Alaska)

[ ] Color [1] Surface 0 = na; 1 = smooth; 2 = rough [6-8] cm. length [10] mm. Width (between sutures)

Number of Pods/Peduncle [ ] 4 [ ] 5 [ ] 6 [ ] 7 [ ] 8 [ ] 9 [ ] 10 [ ] 11 [ ] 12 [ ] 13 [4] 14 [4] 15 [3] 16 [2] 17

[ ] 18 [ ] 19 [ ] 20 [ ] 21 [ ] 22 [ ] 23 [ ] 24 [6-8] Seeds per Pod — Average 7.0

YIELD AND EFFICIENCY

[ ] Eco. Yield gms. [ ] Harvest index (%) [ ] Biological Yield in grams

NODULATION

[2] Presence 0 = na; 1 = not present; 2 = present [ ] mm. Size if Present [ ] Color

[ ] Insect Damage 0 = na; 1 = nematode; 2 = citona larva; 3 = nematode and citona larva

Lateral Roots: [ ] # of nodules at a depth less than 15 cm. [ ] # of nodules at a depth greater than 15 cm.

Primary Roots: [ ] # of nodules at a depth less than 15 cm. [ ] # of nodules at a depth greater than 15 cm.

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95-100 TENDEROMETER SEEDS

4 Shape 0 = na; 1 = flattened; 2 = angular; 3 = oval; 4 = rounded [ ] Surface Color [ ] Coty Color

1 Surface 0 = na; 1 = shiny; 2 = dull. English-Sieve Seed Distribution (%): Sieve Waste [ ]

#1; 00 #2; 08 #3; 20 #4; 36 #5; 25 4.29

#6; 11 #7; 00 #8; 00 Metric-Sieve Seed Distrib. (%): [ ] waste smaller than 7.10 mm;

[ ] useable larger than 7.90; [ ] ditto than 8.71; [ ] than 9.51; [ ] than 10.30; [ ] than 11.10

MATURE, DRY SEEDS

1 Mono or Bicolor 0 = na; 1 = monocolor; 2 = bicolor. [ ] Primary Color [ ] Secondary Color

6 Color Pattern 0 =na; 1 = splashed; 2 = mottled; 3 = striped; 4 = flecked; 5 = dotted; 6 = uniform color

1 Hilum Floor Color 0 = na; 1 = white; 2 = tan; 3 = black [ ] Coty Color 24.5 gm/100 seeds 14 size in 64ths"

1 Shape 0 = na; 1 = flattened; 2 = angular; 3 = oval; 4 = rounded 01 Surface 1 = wrinkled; 10 = smooth

PLANT REACTION TO ELEMENTS

00 Drought 00 Cold 00 Heat 0 = not tested; 1 = most susceptible; 10 = most resistant

[ ] Quantity of Seeds Planted [ ] Weight of Seeds Planted in grams

LOCATION

[ ] Range #(1-50) [ ] Row #(1-200) [ ] Wire #(1-500) [ ] Field #(1-50)

[ ] Range Axis [ ] Wire Axis 0 =na; 1 = E to W; 2 = W to E; 3 = N to S; 4 = S to N

DATES

041182 Planting Date (month, day, year) 0425 Up (month, day) 0531 Bloom

[ ] Canning [ ] Cut [ ] Harvest

STAND

[ ] Emergence (up to 400) [ ] Plants per square yard (up to 500)

WEIGHT

				INVENTORY
	Field Run	(up to 40,000 lb)	(up to 1,000,000 gm)	up to 40,000 lb
	Mill Run	(ditto)	(ditto)	up to 1,000,000 gm
	Hand Picked	(ditto)	(ditto)	

	Date	Percent		Date	Percent
1st Bloom Count	0531	005	5th Bloom Count	0604	087
2nd Bloom Count	0601	027	6th Bloom Count	0605	098
3rd Bloom Count	0602	048	7th Bloom Count		
4th Bloom Count	0603	078			

DISEASE: 0 = not tested; 1 = most susceptible; 10 = most resistant

Root Rot Complex: 00 ascochyta 00 aphanomyces 00 rhizotonia 00 pythium 08 fusarium solani

00 sclerotinia. Fus. Wilt: 10 1 00 2 00 3 00 4 10 5 08 6 00 7

DISEASE: 0 = not tested; 1= absolutely susceptible; 2 = segregating for resistance; 3 = absolutely resistant.

00 pea enation mosaic 00 yellow bean mosaic 00 pea-seed borne mosaic 00 bacterial blight. Insects: 00 aphid

00 citona or leaf weevil 00 common pea weevil 00 nematodes 00 wire worms

MILDEW: 0 = not tested; 1 = susceptible; 2 = segregating for resistance; 3 = absolutely resistant

1 powdery mildew 00 downy mildew

ROOT STRUCTURE TYPE [ ]

QUALITY OF PEAS

[ ] % of defective peas [ ] color of processed peas

Bitterness: 0 = no test; 1 = most bitter; 10 = least bitter 10 Unprocessed 10 Processed Small Sample

Starchiness: 0 = no test; 1 = most starchy; 10 = most sweet 10 Unprocessed 10 Processed blanched!

ADDITIONAL NOTES