No. 8300066

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, 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

'Midget'

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 June in the year of our Lord one thousand nine hundred and eighty-four.

Attest:

Kenneth A. Evans
Commissioner
Plant Variety Protection Office
Livestock, Meat, Grain & Seed 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 Co. Seed Division
East 12001 Empire Way

2. TEMPORARY DESIGNATION
PS 1284

3. VARIETY NAME
MIDGET

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

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

FOR OFFICIAL USE ONLY

PVPO NUMBER
8300066

6. GENUS AND SPECIES NAME
Pisum sativum

7. FAMILY NAME *(Botanical)*
Leguminosae

FILING
DATE
2/23/83
TIME
2:30 ☐ A.M. ☒ P.M.

8. KIND NAME
Garden Pea

9. DATE OF DETERMINATION
July 2, 1981

FEES RECEIVED
AMOUNT FOR FILING
$ 1,000
DATE
2/23/83
AMOUNT FOR CERTIFICATE
$ 500.00
DATE
5/21/84

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 Research Director
Wilbur - Ellis Company Seed Division
Spokane, Washington 99206 USA

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 and France
1-10-83 1-10-83
☒ Yes *(If "Yes," give names of countries and dates)*
☐ No

19. HAVE RIGHTS BEEN GRANTED IN THE U.S. OR OTHER COUNTRIES?
None to date
☐ 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
Floyd A. Weems, Research Director
For and on the behalf of Wilbur - Ellis Co. Seed Div.
DATE
1-10-83

SIGNATURE OF APPLICANT
DATE
1

FORM LMGS-470 (9-81) (Edition of 1-78 is obsolete)

8300066

MIDGET was derived from the following crosses:

[(Small Sieve Alaska (M-163) X Alsweet) X PI 244231] X^3 Alsweet

Small Sieve Alaska (M163) is a small seeded Alaska type widely used commercially for canning, freezing and dry peas because of its adaptability to a wide range of climatic and soil conditions. Plants are double-podded and resistant to Fusarium Wilt, Race 1.

Alsweet is a small sieved, commercial variety that combines characteristics of Alaska and Early Sweet types and is widely grown in the northern areas of the USA as an early crop. Plants are indeterminate, upright, light green, mostly single-podded, resembling Alaska; resistant to Fusarium Wilt, Race 1. Pods are similar to Alaska in general appearance, 6-8 small seeds per pod, which are comparable to Alaska in color and size.

PI 244231 is the variety Senator from the Netherlands. Plants are very uniform, fairly tall and vigorous. Flowers on the 11th node, moderate amount of foliage and medium green leaves. Plants flower in 45 days, mature moderately early, white flowers, profuse flowering, mostly single flowers, pods rather short and narrow, 8 ovules per pod, small size seeds-slightly wrinkled, green and very tolerant to virus.

Small Sieve Alaska (M163) was crossed with Alsweet. The resulting F_1 progeny was then crossed one time with PI 244231 (Senator). The progeny from this cross was advanced to the F_3 generation and then back-crossed to Alsweet three times. The resulting progeny was then advanced to the F_5 generation, at which time single plant selections were made for plant, seed and double-podding characteristics, disease resistance, adaptability and yield potential. These progenies were then advanced to the F_8 where we found them to be genetically stable. An increase program was initiated to our present quantities. We have observed no variants in the past two multiplications, therefore, we feel uniformity and stability exists.

14 B EXHIBIT B 8300066

Wilbur-Ellis Company believes that we are the original and only breeder of the variety Midget and base novelty on the following:

Midget foliage is dark green as compared to Alsweet, which is light green.

Midget dry seeds are dark-green as compared to Alsweet, which are bluish green.

Midget seed size is 4,480 per pound as compared to Alsweet, which is 2,500.

Midget pods are borne consistent doubles, compared to Alsweet, which are singles, with an occasional double.

Midget plant height is 45 cm compared to Alsweet, which is 71 cm.

Midget pods are 6 cm in length as compared to 7 cm for Alsweet.

Midget maturity is 63 days as compared to 59 for Alsweet.

Midget is a canner-freezer type, whereas Alsweet is a canner.

Midget is most similar to the variety Alsweet.

Midget average sieve size is 1.86, whereas Alsweets are 2.83.

FORM APPROVED: OMB NO. 0581-0055

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

EXHIBIT C
(Pea)

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
MIDGET (PS 1284)

FOR OFFICIAL USE ONLY
PVPO NUMBER 8300066

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:

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

2. MATURITY:

[14] Node number of first bloom: [6][3] No. of days to processing [1][5][0][0] Heat Units

[0][7] No. of days *Earlier* than . . . [7] 1 = ALASKA WR 2 = THOMAS LAXTON WR 3 = LITTLE MARVEL

[0][8] No. of days *Later* than . . . . [1] 4 = WANDO 5 = ALDERMAN WR 6 = AUSTRIAN WINTER 7= DSP

3. PLANT HEIGHT:

[0][4][5] CM. HIGH

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

[N][A] Cm. *Taller* than . . . . . [ ] 4 = WANDO 5 = ALDERMAN WR 6 = AUSTRIAN WINTER 7= DSP

4. VINE:

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

[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][6] 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)

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

[2] 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

[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

7. FLOWER COLOR:

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

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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

[2] 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 6] CM. LENGTH

[2.5] MM. WIDTH (Between sutures)

[0 6] NO. SEEDS PER POD

9. SEEDS (95–100 Tenderometer):

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

Seive: %

1	2	3	4	5	6	7	8	AVERAGE
29	56	15	00	00	00	00	00	~~0.2.0~~ 1.86 RJS

SEEDS (Dry, Mature):

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

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

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

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

[5] Primary Color:

[NA] 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

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

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

[1 2] 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	[0]	POWDERY MILDEW	[0]	BACTERIAL BLIGHT
[0]	MOSAIC	[0]	PEA ENATION MOSAIC	[0]	YELLOW BEAN MOSAIC

[ ] OTHER (Specify) See the attached report on disease index readings.

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

[0] APHIDS

[ ] OTHER (Specify) _____

12. INDICATE WHICH VARIETY MOST CLOSELY RESEMBLES THAT SUBMITTED

CHARACTER	NAME OF VARIETY	CHARACTER	NAME OF VARIETY
Leafiness	Alsweet	Fresh Seed Color	Alsweet
Leaf Color	Alsweet	Mature Seed Color	Scout
Pod Color	Small Sieve Alaska	Seed Shape	Scout
Pod Shape	Small Sieve Alaska	Plant Habit	Alsweet

COMMENTS:


RECEIVED
FEB 28 1973

MIDGET

8300066

14 D EXHIBIT D

Additional Description of Variety MIDGET

--See attached data sheets--

1982
Quincy

8300066

PS 1284-80-04 Variety Name Designation MIDGET PS1284 82 04 Variety Number

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

Origin Female SS ALASKA (M163) Origin Male AL SWEET

Origin Short (SS ALASKA (M163) X AL SWEET) X PI 244-231
(X3 AL SWEET)
GENERATION

HISTORY (FOR PREVIOUS YEAR) (MIDGET)

PS 1284-81-04 Variety Name Designation MIDGET PS1284 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 07 number of days earlier than 6 08 number of days later than 1 1370 150
1 = Alaska WR; 2 = Thomas Laxton WR; 3 = Little Marvel; 4 = Wando; 5 = Alderman WR 6 = Dark Skin Perfection

COMPARATIVE PLANT HEIGHT 31 cm. shorter than 6 NA cm. taller than
1 = Alaska WR; 2 = Thomas Laxton WR; 3 = Little Marvel; 4 = Wando; 5 = Alderman WR

ACTUAL PLANT HEIGHT 045 cm. high

VINE

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

1 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)

14 Range 13-15 Number of Nodes to First Bloom 05 cm. Internode Length (just below first flowering node)

NA Color (Royal Society Color Chart)

LEAFLETS

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

1 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

1 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

PODS

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

DH GR Color 1 Surface 0 = na; 1 = smooth; 2 = rough 06 cm. length 2.5 mm. Width (between sutures)

Number of Pods/Peduncle 4 5 6 7 8 9 10 11 12 13 14 15 16 17
18 19 20 21 22 23 24 06 Seeds per Pod Range 5-8

YIELD AND EFFICIENCY

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

NODULATION

2 Presence 0 = na; 1 = not present; 2 = present 01 mm. Size if Present NA Color

0 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.

1982
Primary

8300066

95-100 TENDEROMETER SEEDS

4 Shape 0 = na; 1 = flattened; 2 = angular; 3 = oval; 4 = rounded Surface Color dark green Coty Color yellow

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

#1: 29 #2: 56 #3: 15 #4: 0 #5: 0

#6: 0 #7: 0 #8: 0 Metric-Sieve Seed Distrib. (%): NA waste smaller than 7.10 mm;

NA useable larger than 7.90; NA ditto than 8.71; NA than 9.51; NA than 10.30; NA than 11.10

MATURE, DRY SEEDS

1 Mono or Bicolor 0 = na; 1 = monocolor; 2 = bicolor. dark green Primary Color NA 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 yellow Coty Color 12 gm/100 seeds 14 size in 64ths"

1- 2 Shape 0 = na; 1 = flattened; 2 = angular; 3 = oval; 4 = rounded 06 Surface 1 = wrinkled; 10 = smooth

PLANT REACTION TO ELEMENTS

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

NA Quantity of Seeds Planted NA Weight of Seeds Planted in grams

LOCATION

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

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

DATES

04/18/82 Planting Date (month, day, year) 0425 Up (month, day) 0526 Bloom

0717 Canning NA Cut NA Harvest

STAND

Emergence (up to 400) Plants per square yard (up to 500) NA

WEIGHT

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

NA

	Date	Percent		Date	Percent
1st Bloom Count	0526	005	5th Bloom Count	0601	072
2nd Bloom Count	0528	020	6th Bloom Count	0602	087
3rd Bloom Count	0529	032	7th Bloom Count	0603	098
4th Bloom Count	0531	050			

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

Root Rot Complex: 0 ascochyta 0 aphanomyces 06 rhizotonia 06 pythium 06 fusarium solani

0 sclerotinia. Fus. Wilt: 10 1 0 2 0 3 0 4 0 5 0 6 0 7

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

0 pea enation mosaic 0 yellow bean mosaic 0 pea-seed borne mosaic 0 bacterial blight. Insects: 0 aphid

0 citona or leaf weevil 0 common pea weevil 0 nematodes 0 wire worms

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

1 powdery mildew 1 downy mildew

ROOT STRUCTURE TYPE wty grad

QUALITY OF PEAS

NA % of defective peas medium green color of processed peas

Bitterness: 0 = no test; 1 = most bitter; 10 = least bitter 09 Unprocessed 10 Processed

Starchiness: 0 = no test; 1 = most starchy; 10 = most sweet 08 Unprocessed 10 Processed

ADDITIONAL NOTES

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PENDLETON VARIETY TRIAL
Planted 6/18/82

Variety	Plant Stand 1/	Disease Index 2/
Belroy	54	2.5
Lance	73	2.5
CM 0114	72	2.0
Kosta	63	2.5
Br. 412	64	2.5
AG 404	54	3.5
AG 405	73	2.5
AG 406	56	2.5
PrePerfection	48	3.5
Venus	67	2.5
Granada	65	3.0
Canners 9889	60	2.5
Swinger	62	2.5
Canners 6060	59	3.0
Canners 8615	76	3.0
Rogers 77-251	73	3.0
Rogers Novella	67	3.5
OSU 190	60	3.0
Canners 9888	63	3.5
Strain 11	53	3.5
L-19-80	62	3.0
Brotherton 426	50	3.0
Crites 013	53	3.5
Canners 77-05-4	60	2.5
Asgrow Bolero	60	3.0
Regal	56	2.5
Brotherton 681	62	2.5
Brotherton 467	73	3.5
Morrison 81-4009	59	3.5
Brotherton Orcas	50	3.0
WE Alpha I	59	3.0
Dual	66	3.5
Dark Skin	70	3.0
80-1284	73	2.0
69-320	74	3.0
Strain 15	68	2.0
GVH8-18-1-3-1	73	2.0
Rogers 81-217	68	2.5

1/ Per cent emergence - middle row of three row plot counted.

2/ Disease index where 0 = healthy, and 5 = severe disease. Readings taken when plots were in full bloom.

3. Disease complex:
a) Pythium
b) Fusarium
c) Rhizoctonia

Project was at USDA Prosser due to Disease problem at Pendleton, as per Kraft's Info.

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