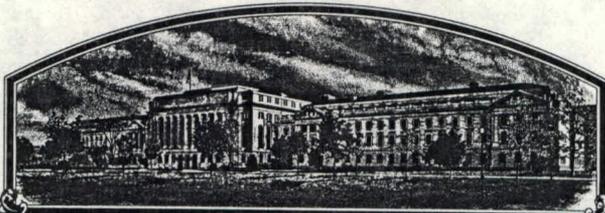


No.

8500087



# THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

## L. D. Maffei Seed Co., Inc.

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 OF 1930, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

PEA

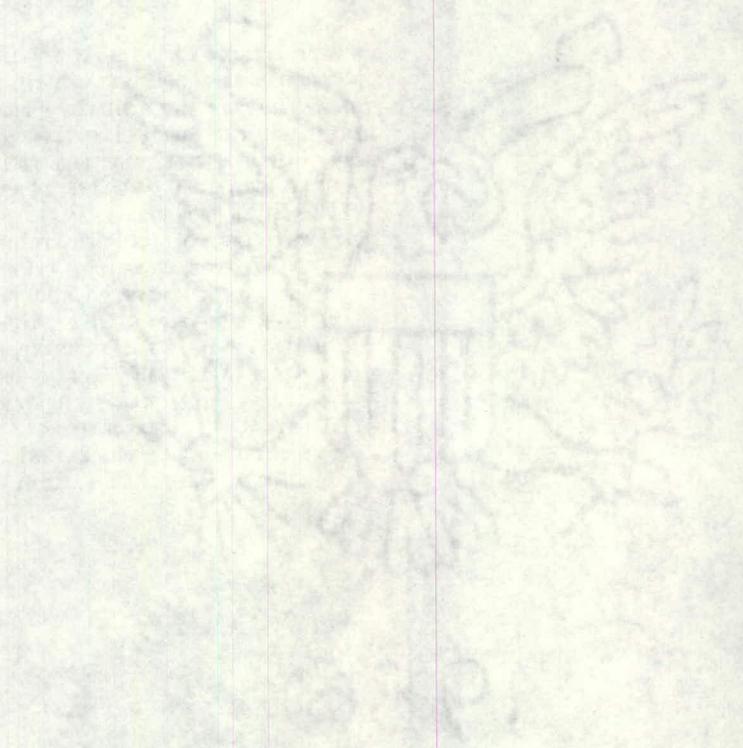
'MF-502'

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 31st day of March in the year of our Lord one thousand nine hundred and eighty-six.

Attest

*Kenneth H. ...*  
Commissioner  
Plant Variety Protection Office  
Agricultural Marketing Service

*Richard E. Lyng*  
Secretary of Agriculture



U.S. DEPARTMENT OF AGRICULTURE  
AGRICULTURAL MARKETING SERVICE

FORM APPROVED: OMB NO. 0681-0066

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE

(Instructions on reverse)

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 APPLICANT(S) L.D. Maffei Seed Co. Inc		2. TEMPORARY DESIGNATION LDM 8402		3. VARIETY NAME <b>MF-502</b>	
4. ADDRESS (Street and No. or R.F.D. No., City, State, and Zip Code) P.O. Box 903 Newman, CA. 95360		5. PHONE (Include area code) 209 862 2841		FOR OFFICIAL USE ONLY PVPO NUMBER <b>8500087</b>	
6. GENUS AND SPECIES NAME <u>Pisum sativum</u>		7. FAMILY NAME (Botanical) Leguminosae		FILING DATE 3/29/85 TIME 2:30 <input type="checkbox"/> A.M. <input checked="" type="checkbox"/> P.M.	
8. KIND NAME Garden pea		9. DATE OF DETERMINATION May 1984		FEES RECEIVED AMOUNT FOR FILING \$ 1,800 DATE 3/29/85 AMOUNT FOR CERTIFICATE \$ 225. DATE 1/31/86	
10. IF THE APPLICANT NAMED IS NOT A "PERSON," GIVE FORM OF ORGANIZATION (Corporation, partnership, association, etc.) Corporation				12. DATE OF INCORPORATION 1961	
11. IF INCORPORATED, GIVE STATE OF INCORPORATION California				12. DATE OF INCORPORATION 1961	
13. NAME AND ADDRESS OF APPLICANT REPRESENTATIVE(S), IF ANY, TO SERVE IN THIS APPLICATION AND RECEIVE ALL PAPERS Louis D. Maffei L.D. Maffei Seed Co. Inc P.O. Box 903, Newman CA. 95360 PHONE (Include area code): 209 862 2841					
14. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED					
a. <input checked="" type="checkbox"/> Exhibit A, Origin and Breeding History of the Variety (See Section 52 of the Plant Variety Protection Act.)					
b. <input checked="" type="checkbox"/> Exhibit B, Novelty Statement.					
c. <input checked="" type="checkbox"/> Exhibit C, Objective Description of Variety (Request form from Plant Variety Protection Office.)					
d. <input checked="" type="checkbox"/> Exhibit D, Additional Description of Variety.					
e. <input checked="" type="checkbox"/> Exhibit E, Statement of the Basis of Applicant's Ownership.					
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.) <input type="checkbox"/> Yes (If "Yes," answer items 16 and 17 below) <input checked="" type="checkbox"/> No					
16. DOES THE APPLICANT(S) SPECIFY THAT THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS? <input type="checkbox"/> Yes <input type="checkbox"/> No			17. IF "YES" TO ITEM 16, WHICH CLASSES OF PRODUCTION BEYOND BREEDER SEED? <input type="checkbox"/> Foundation <input type="checkbox"/> Registered <input type="checkbox"/> Certified		
18. DID THE APPLICANT(S) PREVIOUSLY FILE FOR PROTECTION OF THE VARIETY IN THE U.S.? <input type="checkbox"/> Yes (If "Yes," give date) <input checked="" type="checkbox"/> No					
19. HAS THE VARIETY BEEN RELEASED, OFFERED FOR SALE, OR MARKETED IN THE U.S. OR OTHER COUNTRIES? <input type="checkbox"/> Yes (If "Yes," give names of countries and dates) <input checked="" type="checkbox"/> 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 <i>Louis D. Maffei</i>				DATE Mar. 26, 1985	
SIGNATURE OF APPLICANT				DATE	

## INSTRUCTIONS

\*\*\*

**General:** Send an original copy of the application and exhibits, at least 2,500 viable seeds, and \$1,800 fee (\$200 filing fee and \$1,600 examination fee) to U.S. Department of Agriculture, Agricultural Marketing Service, Warehouse and Seed Division, Plant Variety Protection Office, National Agricultural Library Building, Beltsville, Maryland 20705. (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

- 9 Give the date the applicant determined that he had a new variety based on (1) the definition in section 41(a) of the Act and (2) the date a decision was made to increase the seed.
- 14a 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) the type and frequency of variants during reproduction and multiplication and state how these variants may be identified and (4) evidence of uniformity and stability.
- 14b Give a summary statement of the variety's novelty. Clearly state how this novel variety may be distinguished from all other varieties in the same crop. If the new variety most closely resembles one or a group of related varieties: (1) identify these varieties and state all differences objectively; (2) attach statistical data for characters expressed numerically and demonstrate that these are clear differences; and (3) submit, if helpful, seed and plant specimens or photographs of seed and plant comparisons clearly indicating novelty.
- 14c Fill in the Exhibit C, Objective Description form, for all characteristics for which you have adequate data.
- 14d Describe any additional characteristics that are not described, or whose description cannot be accurately conveyed in Exhibit C. Use comparative varieties as is necessary to reveal more accurately the description of characteristics that are difficult to describe, such as plant habit, plant color, disease resistance, etc.
- 15 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 his affirmative decision after the variety has either been sold and so labeled, his decision published, or the certificate has been issued. However, if the applicant specified "No," he may change his choice. (See section 180.16 of the Regulations and Rules of Practice.)
- 16 See section 42 of the Plant Variety Protection Act and section 180.7 of the Regulations and Rules of Practice.

\*\*\* Please send untreated seed. We have no facilities for handling seed that has been treated.



8500087

EXHIBIT: 14A

Origin and breeding history of the variety.

'MF-502' R/S 2/3/86  
<LDM 8402> was developed by W.A. Haglund and was derived from an F1 cross of (Puget X WSU 23) X (Puget X Aspen). The original cross was made in 1978. A single plant selection from this cross was obtained in 1981 (F 10 generation) and increased to form the stock seed of <8402> 'MF-502'

The single plant selection from <8402> 'MF-502' was increased in Yuma, AZ in 1981-82, planted in October, 1981 and harvested in March of 1982. In 1982-83, selection <8402> 'MF-502' was tested in Mount Vernon, WA for uniformity of plant type, nodes to first bloom and homozygosity to Fusarium wilt Races 1,2,5 and 6, (Fusarium oxysporum f sp pisii). No variants were observed in the plant types and the selection was homozygous resistant to the four races of Fusarium wilt.

Thirty pounds of seed from selection 8402 was increased in Yuma, AZ in 1983-84 and approximately 400 pounds of seed was harvested.

Cultivar <8402> 'MF-502' was planted in pea variety trials in Mount Vernon, WA conducted by Washington State University (W.C. Anderson) and in LeSueur, Minnesota, conducted by the Green Giant Co. (D. Seible). No variants were observed in these trials. Yield data and quality data from these trials established the potential commercial value of this selection (Addendum I and II).

Data on the uniformity of <8402> 'MF-502' with respect to nodes to first bloom is presented in Exhibit 14A-1.

2

850087

UNIT: 114

Genetic and Breeding History of the Variety

The variety was developed by W.A. England and was selected from an  
 cross of (71) x (22) (Project 2) (Paper). The original cross was  
 made in 1978. A plant selected from this cross was obtained in  
 1981 (19 generation) and increased to form the cross and of 1982.  
 The first plant selection from 8402 was increased in 1982. AS in  
 1981-82, planted in October, 1981 and harvested in March of 1982. In  
 1982-83, selected 8402 was tested in Mount Vernon, WA for uniformity of  
 plant vigor, rate to first flower and homogeneity to determine what factor  
 1, 2, 3 and 4. Phenotypic variation (as a result of variation was observed  
 in the plant cross and the selection was compared to the  
 four years of breeding.

This cross of head from selection 8402 was increased in 1982. AS  
 to 1983-84 and selected 8402 plants of seed was harvested.

Genetic history of the plant 8402 is as follows: In Mount Vernon, WA  
 conducted by the Department of Agriculture (W.C. Johnson) and  
 increased by the Department of Agriculture (W.C. Johnson) and  
 increased by the Department of Agriculture (W.C. Johnson) and  
 were observed in 1982 trials. Yield data and other  
 trials conducted the potential commercial value  
 (Adaptation to 1982-83 trials).  
 Data on the inheritance of 8402 which respond to notes to the  
 its experiment in 1982-83.



8500087

EXHIBIT 14A-1

Uniformity of development of 8402 and 8404  
as demonstrated by the nodes to first bloom.

All data based on the readings from 15 plants:

<u>Node Of First Fruit</u>	<u>Number Plants</u>	<u>Variety</u>
15	5	◁84027 'MF-502' R/S 2/3/86
14	10	
13	2	Grant
14	5	
15	6	
16	2	
14	5	Puget
15	10	
13	2	Darkskin Perfection
14	3	
15	10	
9	1	◁84047 'MC-201'
10	12	
11	2	





EXHIBIT 14B

8500087

Novelty statement.

'MF-502' r/s 2/3/86

Variety <84027 is very similar to the commercial variety Puget. This variety can be separated from Puget by the resistance to Races 1,2,5 and 6 of Fusarium oxysporum f sp pisi. Puget is resistant to only Race 1.

The usefulness of this variety is clearly demonstrated by the Washington State pea variety trial report (Addendum I). This report confirms the resistance of 8402 to Races 5 and 6 of Fusarium wilt. Also, that the yield and quality of this selection is equal to or superior to commercial varieties available with similar resistance (pp 19, 20, 21, 22, 24, 27, 28, 29 and 30).

The variety <84027 was developed for resistance to Races 5 and 6 of Fusarium wilt. The only commercial growing areas known to be infested with these wilts are Western Washington and Southwest British Columbia. However, tests in Minnesota indicate that <84027 is also adapted to the growing conditions of this area, Green Giant report (Addendum II).



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Supplemental data for pea application No. 8500087, <sup>'MF-502'</sup> <LDM 8402.>

Addendum to Exhibit <sup>B</sup> <sub>A</sub>:

*R/S 2/3/86*

<sup>'MF-502'</sup> <LDM 8402> is most similar to the commercial varieties Puget and Grant. The variety <LDM 8402> is difficult to separate on phenotype from these two varieties. The only positive method of separation of these 3 varieties is to use their reaction to the 3 races of Fusarium oxysporum f sp pisi. <LDM 8402> is the only selection that is resistant to the 3 races of Fusarium wilt. The table below lists the reaction of these 3 varieties to Fusarium wilt.

	FUSARIUM WILT		
	Race 1	Race 5	Race 6
Puget	res	sus	sus
Grant	res	sus	res
<sup>'MF-502'</sup> <LDM 8402>	res	res	res

res = resistant  
sus - susceptible

Submitted September 30, 1985  
By William A. Haglund

The amount of work for the year was estimated at 100,000 hours. The actual work done was 110,000 hours. The difference of 10,000 hours is due to the fact that the work was completed ahead of schedule. The amount of work for the year was estimated at 100,000 hours. The actual work done was 110,000 hours. The difference of 10,000 hours is due to the fact that the work was completed ahead of schedule.

Particulars	Estimated	Actual
Work done	100,000	110,000
Hours available	100,000	100,000
Hours used	100,000	110,000

The amount of work for the year was estimated at 100,000 hours. The actual work done was 110,000 hours. The difference of 10,000 hours is due to the fact that the work was completed ahead of schedule.

Supplemental data for pea application No. 8500087, ~~LDM 8402~~ <sup>'MF-502'</sup>

Addendum to Exhibit B:

Table 14B-2, attached, compares ~~LDM 8402~~ <sup>'MF-502'</sup> to Puget, Grant, Sounder and Sundance. Puget and ~~LDM 8402~~ <sup>'MF-502'</sup> do not differ significantly in nodes to first bloom, plant height to first bloom, total plant height, first bloom date and mean 50% bloom. ~~LDM 8402~~ <sup>'MF-502'</sup> differs from Grant only in nodes to first bloom. ~~LDM 8402~~ <sup>'MF-502'</sup> is significantly shorter than Sundance and Sounder. <sup>RJS 2/3/86</sup>

The following table lists the wilt, Fusarium oxysporum f sp pisi, reaction of these varieties as published by Washington State University, Northwest Washington Research and Extension Unit, Mount Vernon, Washington in their 1980 and 1984 Pea Research Reports. The 1980 report is enclosed and the 1984 report was forwarded with the original application.

	FUSARIUM OXYSPORUM F SP PISI		
	Race 1	Race 5	Race 6
Puget	res	sus	sus
Grant	res	sus	res
Sounder	res	res	res
Sundance	res	seg	res
<del>LDM 8402</del> <sup>'MF-502'</sup>	res	res	res

res = resistance, controlled by a single dominant gene  
seg = segregating for resistance  
sus = susceptible

Submitted September 30, 1985  
By William A. Haglund

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TABLE 14B-2

'MF-502'

R/S 2/3/86

Comparison of ~~L84027~~ Puget and similar multipoded varieties of freezing peas. All data based on 4 replications arranged in a randomized block design.

Plots were single row plots, 4 meters long with a seeding rate of 2 seeds per cm row.

Variety	Nodes	ht. cm.	ht. cm.	Pods 1st	Bloom Dates	
	1st Bloom	1st Bloom	Total	3 Nodes	1st	50%
<LDM 84027 'MF-502'	14.3 c	43.9 bc	65.4 b	7.1 b	2.7	4.2 a
Puget	14.6 bc	44.9 bc	64.6 b	6.2 bc	2.5	4.0 a
Grant	14.9 ab	44.9 bc	64.0 b	6.1 bc	2.2	4.7 a
Sounder	15.4 a	50.4 ab	75.9 a	6.7 ab	3.2	5.2 a
Sundance	14.1 c	54.7 a	73.4 ab	5.8 c	3.2	5.5 a
F Value	8.19	6.37	3.44	4.89	1.2	3.26
CV%	2.4	7.7	8.8	7.3	28.0	14.5
F .01 = 5.41	F .05 = 3.26					

Means followed by the same letter are not significantly different from each other as determined by the Duncans multiple range test (P = .05).

ht cm first bloom = plant height from the point of cotyledon attachment to the first fruit node.

ht cm total = total plant height from cotyledon attachment to top of plant.

Pods first 3 nodes = total number of pods produced on the first 3 nodes.

Bloom dates: the bloom date is based on the occurrence of the first bloom of this set of varieties,

day 1 was considered when the first flower occurred, Puget on 7/1/85. All dates are based from

7/1, Mean 50% bloom is also based on the first bloom of the varieties in this set.

Data for the means is the average measurements of 10 plants within each of the replicates.

Planted 12 May, 1985.

Location, Mount Vernon, Washington.

Submitted September 30, 1985  
By William A. Haglund





8. PODS:

1 Shape: 1 = STRAIGHT 2 = SLIGHTLY 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  2 Surface: 1 = SHINY 2 = DULL  
 5 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  4 MM. WIDTH (Between sutures)  0  7 NO. SEEDS PER POD

9. SEEDS (95--100 Tenderometer):

(seeds 5-6 drill plant)

3 Color: 1 = LIGHT GREEN 2 = GREEN 3 = DARK GREEN 4 = OTHER (Specify) \_\_\_\_\_  
 Sieve: %  0  1  1  3  1  6  2  9  3  1  1  0  0  1  0  0  0  4  1  3 AVERAGE

SEEDS (Dry, Mature):

1 Shape: 1 = FLATTENED 2 = ANGULAR 3 = OVAL 4 = ROUNDED  
 3 Surface: 1 = SMOOTH 2 = DIMPLED  2 Surface: 1 = SHINY 2 = DULL  
 3 = WRINKLED  
 1 Color Pattern: 1 = MONOCOLOR 2 = MOTTLED 3 = STRIPED 4 = DOTTED  
 4 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  
 2 Secondary Color: } 10 = GRAY 11 = BLACK  
 1 Hilum Floor Color: 1 = WHITE 2 = TAN  1 Cotyledon Color: 1 = GREEN 2 = YELLOW 3 = ORANGE  
 3 BLACK  
 1  8 GRAMS PER 100 SEEDS

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

2 FUSARIUM WILT  2 NEAR-WILT  1 DOWNY MILDEW  
 0 ASCOCHYTA BLIGHT  1 POWDERY MILDEW  0 BACTERIAL BLIGHT  
 0 MOSAIC  0 PEA ENATION MOSAIC  0 YELLOW BEAN MOSAIC  
 2 OTHER (Specify) Fusarium oxysporum f sp pisi races 5 and 6

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

1 APHIDS  OTHER (Specify) \_\_\_\_\_

12. INDICATE WHICH VARIETY MOST CLOSELY RESEMBLES THAT SUBMITTED

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

COMMENTS:

MAR 29 1985

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EXHIBIT 14D

Additional description of the variety.

'MF-502' RJS 2/3/86

Exhibits 14D-1 and 14D-2 are photocopies of <8402> and Puget obtained at near 100 tenderometer of both of the varieties.

'MF-502'

Exhibit 14D-1 is the photocopy of Puget and 14D-2 is <LDM 8402>. The photocopies contain:

Leaflet pairs, 2 nodes below the first fruiting node.

Leaflet pairs, 2nd fruiting node.

Stipule at 1st fruiting node.

Pods at 1st fruiting node.

Pods at 2nd fruit node.

These two exhibits demonstrate the similarity of this variety to the commercial cultivar Puget with respect to plant type.

'MF-502'

Exhibit 14D-3 illustrates the size and shape of the seed of <8402> as compared to Puget seed. This seed was produced in Mount Vernon, Washington in the 1984 trials. Note the similar size and shape of the <8402> seed as compared to the Puget seed.

'MF-502'

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EXHIBIT

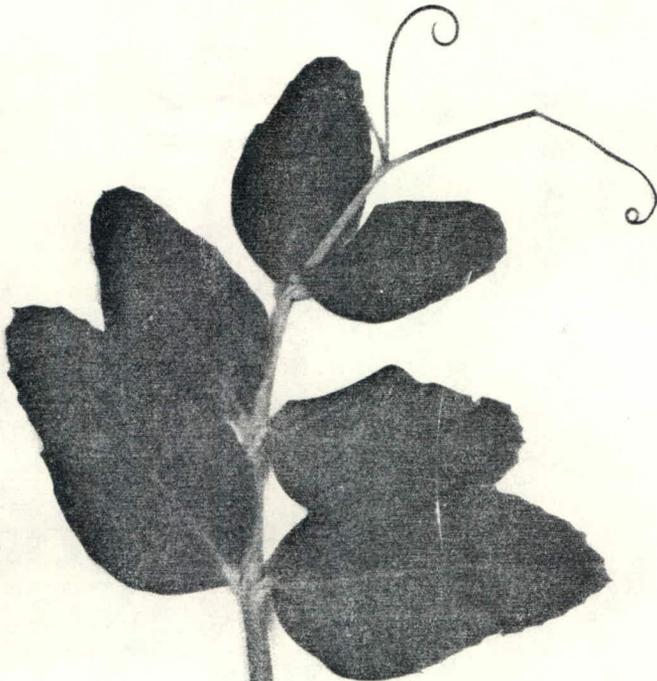
UNIT 112

Official description of the variety

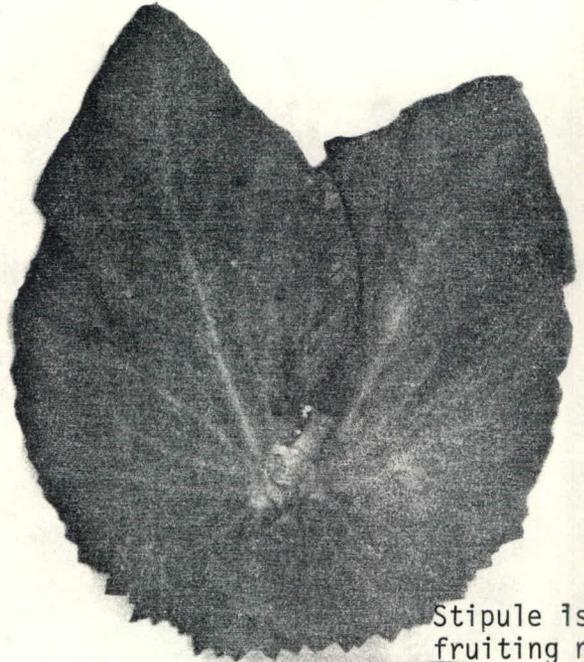
The variety is a medium-early maturing, determinate, bushy type. The plants are upright and bushy, with a well-developed root system. The leaves are alternate, ovate, and have a serrated margin. The flowers are small and white, and are borne in terminal panicles. The fruit is a small, round, green berry, which ripens to a dark purple color. The variety is adapted to a wide range of soil conditions and is resistant to many common diseases and insect pests. It is a good source of fruit and is well suited for home gardens and small-scale commercial production.

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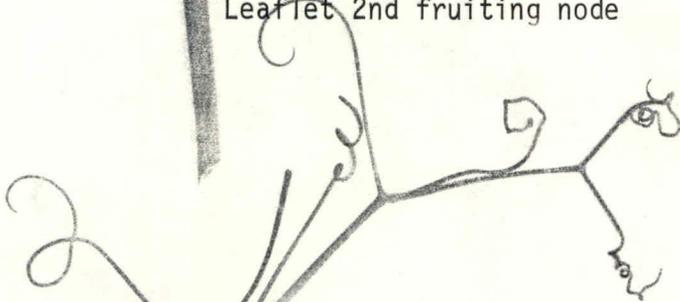
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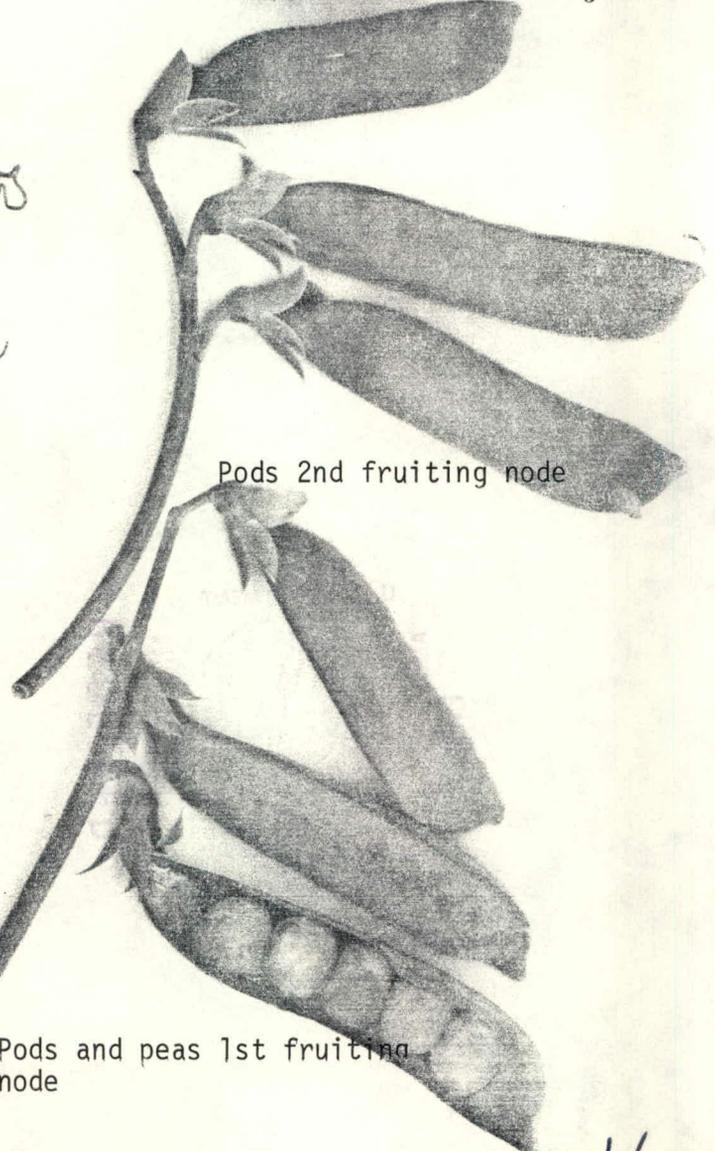
Leaflet 2nd fruiting node



Stipule 1st fruiting node



Leaflet, 2 nodes below 1st fruiting node



Pods 2nd fruiting node

Pods and peas 1st fruiting node

//

8200047

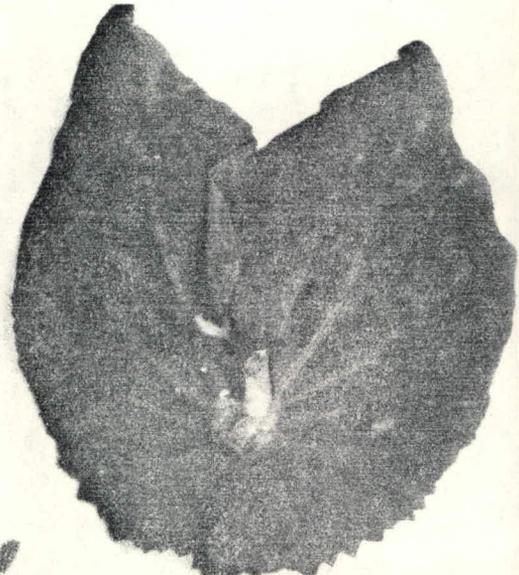
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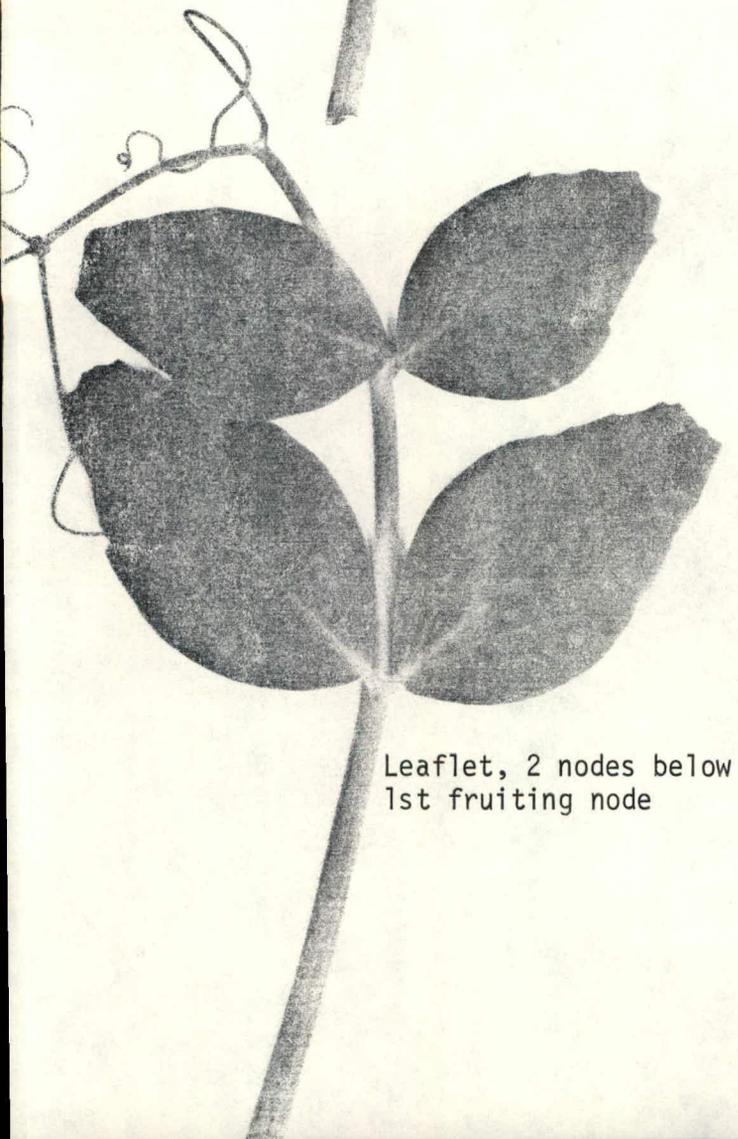
8402



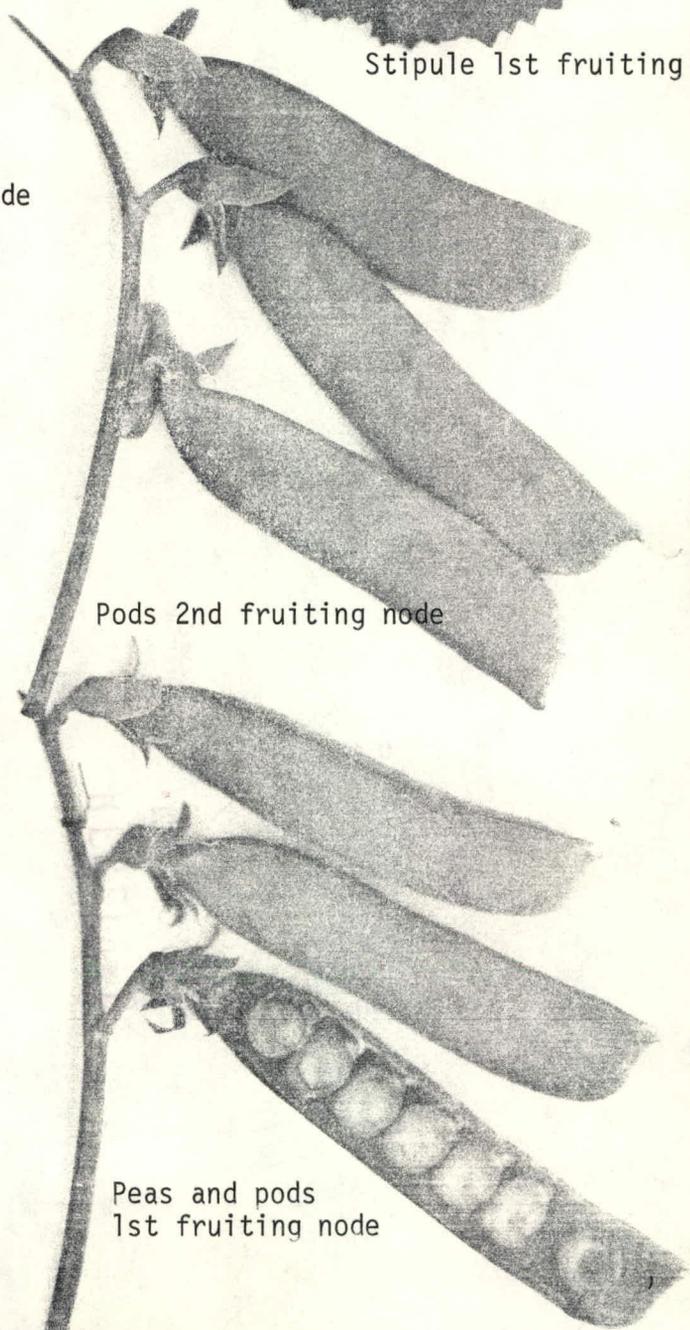
Leaflet 2nd fruiting node



Stipule 1st fruiting node



Leaflet, 2 nodes below 1st fruiting node



Pods 2nd fruiting node

Peas and pods 1st fruiting node

12

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Exhibit 14D-3

*'MF-502'* *PJS 2/3/86*

Photograph of seeds of Puget and 8402. Photograph illustrates the seed size and color of the 2 selections. All of the seed was grown in the Mount Vernon, Washington growing area in 1984



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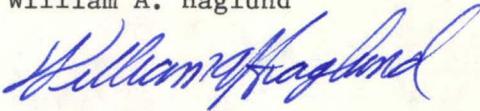
EXHIBIT 14E

Statement of applicants ownership.

<sup>'MF-502'</sup>  
<LDM 8402>, a multiple wilt resistant garden pea of the Puget type  
was developed by W.A. Haglund, Cascade Agricultural Service Company.

<sup>'MF-502'</sup>  
<LDM 8402> was developed by W.A. Haglund while a consultant for L.D.  
Maffei Seed Company, Inc. and is the property of L.D. Maffei Seed  
Company Inc.

William A. Haglund



Plant Pathologist  
Cascade Agricultural Service Company



14

Statement of work...

...with a suitable...  
...W. ...  
...developed by W.A. ...  
...Inc. and its ...

...service ...

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