No. 200200024

THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Syngenta Seeds, Inc.

Whereas, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED DISTINCT VARIETY OF SEXUALLY REPRODUCED, OR TUBER PROPAGATED 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 TWENTY 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 CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE ABOVE PURPOSE , 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.)

PEPPER

'7521F'

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 tenth day of March, in the year two thousand three.

Attest:

Commissioner
Plant Variety Protection Office
Agricultural Marketing Service

Secretary of Agriculture

...number and date on all reproductions

Form Approved - OMB No. 0581-0055

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
SCIENCE AND TECHNOLOGY - PLANT VARIETY PROTECTION OFFICE

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE

(Instructions and information collection burden statement on reverse)

The following statements are made in accordance with the Privacy Act of 1974 (5 U.S.C. 552a) and the Paperwork Reduction Act (P... of 1995.

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).

JMS 2/19/02

1 NAME OF OWNER
SYNGENTA SEEDS, INC. - VEGETABLES

2. TEMPORARY DESIGNATION OR EXPERIMENTAL NAME
7521-F

3. VARIETY NAME
7521F

4 ADDRESS *(Street and No., or R.F.D. No., City, State, and ZIP Code, and Country)*
600 North Armstrong Place
Boise, ID 83704

5. TELEPHONE *(include area code)*
(208)322-7272

6. FAX *(include area code)*
(208)322-1436

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PVPO NUMBER 200200024

7. IF THE OWNER NAMED IS NOT A "PERSON", GIVE FORM OF ORGANIZATION *(corporation, partnership, association, etc.)*
Corporation

8. IF INCORPORATED, GIVE STATE OF INCORPORATION
Delaware

9. DATE OF INCORPORATION
2/25/75

FILING DATE
Nov. 7, 2001

10 NAME AND ADDRESS OF OWNER REPRESENTATIVE(S) TO SERVE IN THIS APPLICATION. *(First person listed will receive all papers)*
Charleen Orthel
Syngenta Seeds, Inc. - Vegetables
P.O. Box 4188
Boise, ID 83711-4188

FEES RECEIVED
FILING AND EXAMINATION FEES: $ 2705.00
DATE 11/7/01
CERTIFICATION FEE: $ 320.00
DATE 2/3/03

11 TELEPHONE *(Include area code)*
(208)327-7246

12. FAX *(Include area code)*
(208) 322-1436

13. E_MAIL
charleen.orthel@syngenta.com

14. CROP KIND *(Common Name)*
Sweet Bell Pepper

15 GENUS AND SPECIES NAME OF CROP
Capsicum Annuum

16. FAMILY NAME *(Botanical)*
Solanaceae

17. IS THE VARIETY A FIRST GENERATION HYBRID?
☐ YES ☒ NO

18. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED (Follow instructions on reverse)
- a. ☒ Exhibit A. Origin and Breeding History of the Variety
- b. ☒ Exhibit B. Statement of Distinctness
- c. ☒ Exhibit C. Objective Description of Variety
- d. ☒ Exhibit D. Additional Description of the Variety *(Optional)*
- e. ☒ Exhibit E. Statement of the Basis of the Owner's Ownership
- f. ☒ Voucher Sample *(2,500 viable untreated seeds or, for tuber propagated varieties, verification that tissue culture will be deposited and maintained in an approved public repository)*
- g. ☒ Filing and Examination Fee ($2,450), made payable to "Treasurer of the United States" *(Mail to the Plant Variety Protection Office)*

19. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE SOLD AS A CLASS OF CERTIFIED SEED? *See Section 83(a) of the Plant Variety Protection Act)*
☐ YES *(If "yes", answer items 20 and 21 below)* ☒ NO *(If "no," go to item 22)*

20. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS?
☐ YES ☒ NO

21. IF "YES" TO ITEM 20, WHICH CLASSES OF PRODUCTION BEYOND BREEDER SEED?
☐ FOUNDATION ☐ REGISTERED ☐ CERTIFIED

22. HAS THE VARIETY (INCLUDING ANY HARVESTED MATERIAL) OR A HYBRID PRODUCED FROM THIS VARIETY BEEN SOLD, DISPOSED OF, TRANSFERRED, OR USED IN THE U. S. OR OTHER COUNTRIES?
☒ YES ☐ NO
IF YES, YOU MUST PROVIDE THE DATE OF FIRST SALE, DISPOSITION, TRANSFER, OR USE FOR EACH COUNTRY AND THE CIRCUMSTANCES. *(Please use space indicated on reverse.)*

23. IS THE VARIETY OR ANY COMPONENT OF THE VARIETY PROTECTED BY INTELLECTUAL PROPERTY RIGHT *(PLANT BREEDER'S RIGHT OR PATENT)*?
☐ YES ☒ NO
IF YES, PLEASE GIVE COUNTRY, DATE OF FILING OR ISSUANCE AND ASSIGNED REFERENCE NUMBER. *(Please use space indicated on reverse.)*

24. The owners declare that a viable sample of basic seed of the variety will be furnished with application and will be replenished upon request in accordance with such regulations as may be applicable, or for a tuber propagated variety a tissue culture will be deposited in a public repository and maintained for the duration of the certificate.

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

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

SIGNATURE OF OWNER
Charleen Orthel

SIGNATURE OF OWNER

NAME *(Please print or type)*
Charleen Orthel

NAME *(Please print or type)*

CAPACITY OR TITLE
Customer Qual. Mgmt. Coor.

DATE
10/26/01

CAPACITY OR TITLE

DATE

T-470 (6-98) designed by the Plant Variety Protection Office with WordPerfect 6.0a. Replaces STD-470 (03-96) which is obsolete. *(See reverse for instructions and information collection burden statement)*

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INSTRUCTIONS

GENERAL: To be effectively filed with the Plant Variety Protection Office (PVPO), ALL of the following items must be received in the PVPO: (1) Completed application form signed by the owner; (2) completed exhibits A, B, C, E; (3) for a seed reproduced variety at least 2,500 viable untreated seeds, for a hybrid variety at least 2,500 untreated seeds of each line necessary to reproduce the variety, or for tuber reproduced varieties verification that a viable *(in the sense that it will reproduce an entire plant)* tissue culture will be deposited and maintained in an approved public repository; (4) check drawn on a U.S. bank for $2,450 ($300 filing fee and $2,150 examination fee), payable to "Treasurer of the United States" *(See Section 97.6 of the Regulations and Rules of Practice.)* Partial applications will be held in the PVPO for not more than 90 days, then returned to the applicant as unfiled. Mail application and other requirements to Plant Variety Protection Office, AMS, USDA, Room 500, NAL Building, 10301 Baltimore Avenue, Beltsville, MD 20705-2351. Retain one copy for your files. All items on the face of the application are self explanatory unless noted below. Corrections on the application form and exhibits must be initialed and dated. DO NOT use masking materials to make corrections. If a certificate is allowed, you will be requested to send a check payable to "Treasurer of the United States" in the amount of $300 for issuance of the certificate. Certificates will be issued to owner, not licensee or agent.

Plant Variety Protection Office
Telephone: (301) 504-5518
FAX: (301) 504-5291
Homepage: http://www.ams.usda.gov/science/pvp.htm

ITEM

18a. 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) evidence of uniformity and stability; and
(4) the type and frequency of variants during reproduction and multiplication and state how these variants may be identified

18b. Give a summary of the variety's distinctness. Clearly state how this application variety may be distinguished from all other varieties in the same crop. If the new variety is most similar to one variety 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 (prints) of seed and plant comparisons which clearly indicate distinctness

18c. Exhibit C forms are available from the PVPO Office for most crops; specify crop kind. Fill in Exhibit C (Objective Description of Variety) form as completely as possible to describe your variety.

18d. Optional additional characteristics and/or photographs. Describe any additional characteristics that cannot be accurately conveyed in Exhibit C. Use comparative varieties as is necessary to reveal more accurately the characteristics that are difficult to describe, such as plant habit, plant color, disease resistance, etc.

18e. Section 52(5) of the Act requires applicants to furnish a statement of the basis of the applicant's ownership. An Exhibit E form is available from the PVPO.

19. 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 this affirmative decision after the variety has been sold and so labeled, the decision published, or the certificate issued. However, if "No" has been specified, the applicant may change the choice. *(See Regulations and Rules of Practice, Section 97.103).*

22. *See Sections 41, 42, and 43 of the Act and Section 97.5 of the regulations for eligibility requirements.*

23. *See Section 5.5 of the Act for instructions on claiming the benefit of an earlier filing date.*

22. CONTINUED FROM FRONT *(Please provide the date of first sale, disposition, transfer, or use for each country and the circumstances, if the variety (including any harvested material) or a hybrid produced from this variety has been sold, disposed of, transferred, or used in the U.S. or other countries.)*

Attached

A hybrid produced from this variety was commercially sold in the U.S. on 1/16/01.

JMS 2/19/02

23. CONTINUED FROM FRONT *(Please give the country, date of filing or issuance, and assigned reference number, if the variety or any component of the variety is protected by intellectual property right (Plant Breeder's Right or Patent).)*

NOTES: It is the responsibility of the applicant/owner to keep the PVPO informed of any changes of address or change of ownership or assignment or owner's representative during the life of the application/certificate. There is no charge for filing a change of address. The fee for filing a change of ownership or assignment or any modification of owner's name is specified in Section 97.175 of the regulations. *(See Section 101 of the Act, and Sections 97.130, 97.131, 97.175(h) of the Regulations and Rules of Practice.)*

To avoid conflict with other variety names in use, the applicant must check the variety names proposed by contacting: Seed Branch, AMS, USDA, Room 213, Building 306, Beltsville Agricultural Research Center–East, Beltsville, MD 20705. Telephone: (301) 504-8089.

Public reporting burden for this collection of information is estimated to average 30 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Agriculture, Clearance Officer, OIRM, AG Box 7630, Jamie L. Whitten Building, Washington, D.C. 20250. When replying, refer to OMB No. 0581-0055 and form number in your letter. Under the PRA of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

The U.S. Department of Agriculture (USDA) prohibits discrimination in its programs on the basis of race, color, national origin, sex, religion, age, disability, political beliefs, and marital or familial status. (Not all prohibited bases apply to all programs). Persons with disabilities who require alternative means for communication of program information (braille, large print, audiotape, etc.) should contact the USDA Office of Communications at (202) 720-2791. To file a complaint, write the Secretary of Agriculture, U.S. Department of Agriculture, Washington, D.C. 20250, or call (202) 720-7327 (voice) or (202) 720-1127 (TDD). USDA is an equal opportunity employer.

S&T-470 (6-98) designed by the Plant Variety Protection Office with WordPerfect 6.0a. Replaces STD-470 (03-96) which is obsolete.

Exhibit A
Origin and History of the Pepper Variety "7521F"

The parent line 7521F was developed as part of a continuing breeding effort to introduce the resistance Tomato Spotted Wilt (TSW) virus from PI 159236 into improved sweet bell pepper parent lines.

The population labeled 7521F came from a single cross between the two proprietary parent lines (3484) and 7KW in 1994. Both of these parents were originally derived from Yolo Wonder L. The latter parent carries the TSW resistance. In 1980 the first cross was made between the publicly available line PI 159236 and a proprietary bell pepper inbred derived from Yolo Wonder L. This was followed by a series of 6 single crosses to improved proprietary bell pepper parent lines. Selection during this period was done in Europe for TSW resistance as well as for appropriate bell pepper phenotype. This work culminated in the parent line 7KW. Following the cross between 3484 and 7KW the offspring were considered to have the appropriate combination of bell pepper appearance and TSW resistance. Six generations of selfing and single plant selection were practiced under greenhouse conditions in Europe to ensure uniform phenotypic expression for both horticultural and disease resistance traits.

In 1997 the F7 seed of the family, later designated as 7521F, was sent to the Syngenta Research station in Naples, Florida for further testing and evaluation in hybrid combination. Hybrids were made in 1998 and evaluated during the years 1998 through 2000 in Florida and Georgia field trials. In 2000 it was decided that the TSW resistance was effective in Georgia and the bell pepper phenotype of the hybrids with 7521F was quite acceptable.

In 1999 6 plants OF 7521F were grown in the Naples greenhouse for seed increase using controlled pollination. Selfed seeds from the six plants were bulked to make the breeder's seed of the line. The F_8 generation was evaluated in a 20-plant field plot in Naples as well as in two 40-plant disease tests for TSW and Tobacco Mosaic virus (TMV). No off-types or variants of any kind were found. A further seed increased was made in 2000 under insect proof conditions in Woodland, California to produce the Foundation seed of this parent line. Again, no off-types or variants of any kind were observed. The F9 was grown in 2000 at Naples in a 300-plant grow-out to check again for off-types and variants. No off-types or variants of any kind were found. The parent line has been therefore tested for two generations in three test locations for uniformity and stability. The lack of any observed variants as well the overall observed uniformity for both phenotypic and disease resistances indicates that the parent line is both highly stable and reproducible.

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Exhibit B
Novelty Statement

7521F most closely resembles Jupiter (PVP 840006) because both have large blocky bell fruits with very similar immature fruit color and leaf color. 7521F is unique among all current bell peppers since it is the first to possess the genetic resistance to Tomato Spotted Wilt virus (TSWV) bred from PI 159236. This fact was demonstrated in two independent disease screens done in Naples, Florida during 2000 in which 7521F was compared with Jupiter as a standard susceptible control.

July 2000

Identification	Number inoculated	Number resistant	Number susceptible	Percent resistant
Jupiter	72	0	72	0%
7521F	72	72	0	100%

December 2000

Identification	Number inoculated	Number resistant	Number susceptible	Percent resistant
Jupiter	69	0	69	0%
7521F	57	57	0	100%

FORM APPROVED. OMB NO. 0581-005

EXHIBIT (
(Pepper

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
LIVESTOCK, MEAT, GRAIN & SEED DIVISION
PLANT VARIETY PROTECTION OFFICE
BELTSVILLE, MARYLAND 20705

SUS 2/19/02

OBJECTIVE DESCRIPTION OF VARIETY
PEPPER (Capsicum spp.)

NAME OF APPLICANT(S)	TEMPORARY DESIGNATION	VARIETY NAME
Syngenta Seeds, Inc. – Vegetables		7521F

ADDRESS (Street and No., or R.F.D. No., City, State, and Zip Code)	FOR OFFICIAL USE ONLY
P.O. Box 4188 Boise, ID 83711	PVPO NUMBER 2002 0 0024

Place the appropriate number that describes the varietal character of this variety in the boxes below. Characteristics described, including numerical measurements should represent those which are TYPICAL for the variety. Fill unused columns with zeroes (e.g., 0 9 9 when number is 99). The location of the test area is Naples, Florida

Please answer questions appropriate for your variety if the information is available.

COMPARISON VARIETIES

1 = Yolo Wonder L
2 = Pimiento Perfection
3 = Mexican Chili
4 = Anaheim Chili
5 = Cayenne Long Red
6 = Cubanelle
7 = Jalapeño
8 = Serrano
9 = Sweet Cherry
10 = Floral Gem
11 = Sweet Banana
12 = Tabasco
13 = Other *(Specify)* Jupiter, Early Calwonder

1. SPECIES:

[1] 1 = *C. annuum* 2 = *C. frutescens* 3 = *C. baccatum* 4 = *C. chinense* 5 = Other *(Specify)*

2. MARKET MATURITY:

[7 3] Days from transplanting until mature green stage

[9 0] Days from transplanting until mature red or yellow stage

[1 1 5] Days from direct seed until mature green stage

[1 3 1] Days from direct seed until mature red or yellow stage

From transplanting:

[0 2] Days earlier than Jupiter [ ]
[ ] Same as Early Calwonder [ ]
[ ] Days later than [ ]
} Comparison varieties

From direct seed:

[0 2] Days earlier than Jupiter [ ]
[ ] Same as Early Calwonder [ ]
[ ] Days later than [ ]
} Comparison varieties

3. PLANT:

[1] Habit: 1 = Compact 2 = Spreading 3 = Other *(Specify)*

[3 8] cm Height

[0 7] cm Shorter than Jupiter [ ]
Same as [ ]
[0 3] cm Taller than Early Calwonder [ ]
} Comparison varieties

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3. PLANT (Continued):

[3 | 2] cm Width

[|] cm Narrower than . . . . . [ ]

Same as . . . . . [ ] } Comparison varieties

[0 | 4] cm Wider than .Jupiter. . . [ ]

[1 | 8] mm Length of third internode (from soil surface)

[2] Basal branches: 1 = None 2 = Few (2-3) 3 = Many (over 3)

[2] Branch flexibility: 1 = Willowy (Cayenne Long Red) 2 = Rigid (Yolo Wonder L)

4. LEAVES:

[3] Foliage color: 1 = Light Green 2 = Medium Green 3 = Dark Green 4 = Purple 5 = Other *(Specify)* _____

Leaf and stem pubescence: (1) = Absence (Yolo Wonder L) 2 = Moderate (Serrano) 3 = Heavy (Chili Piquin)

[1] Mature shape: 1 = Lanceolate 2 = Elliptic

[3] Mature size: 1 = Small (Tabasco) 2 = Medium (Anaheim Chili) 3 = Large (Yolo Wonder L)

5. FLOWER:

[6] Calyx lobe number

[6] Petal number

[1] Corolla color: 1 = White 2 = Purple 3 = Other *(Specify)* _____

[3] Corolla throat markings color: 1 = Yellow (tan) 2 = Purple 3 = Other *(Specify)* absent

[1] Anther color: 1 = Yellow 2 = Purple

[1] Style length: 1 = Less than stamen 2 = Same as stamen 3 = Exceed stamen

[1] Flower number per leaf axil: 1 = One 2 = Two or more

[1] Self-incompatibility: 1 = Absent 2 = Present

[1] Cytoplasmic male sterility: 1 = Absent 2 = Present

6. FRUIT:

[1] Group:
1 = Bell (Yolo Wonder L)
2 = Pimiento (Pimiento Perfection)
3 = Ancho (Mexican Chili)
4 = Anaheim Chili (Sandia)
5 = Cayenne (Cayenne Long Red)
6 = Cuban (Cubanelle)
7 = Jalapeño (Jalapeño)
8 = Small hot (Serrano)
9 = Cherry (Sweet Cherry)
10 = Short wax (Floral Gem)
11 = Long wax (Sweet Banana)
12 = Tabasco (Tabasco)
13 = Other *(Specify)* _____

[1] Pungency: 1 = Sweet (Yolo Wonder L) 2 = Hot (Jalapeño)

[3] Immature color:
1 = Light Green (Cubanelle)
2 = Medium Green (Long Thin Cayenne)
3 = Dark Green (Yolo Wonder L)
4 = Very Dark Green (Ancho Chili)
5 = Yellow (Yellow Belle)
6 = Purple (Violetta)
7 = Ivory (Twiggy)
8 = Other *(Specify)* _____

[1] Mature color:
1 = Red (Yolo Wonder L)
2 = Orange
3 = Orange-yellow (Golden Calwonder)
4 = Brown (Mulatto)
5 = Ivory
6 = Green (Permagreen)
7 = Salmon
8 = Lemon Yellow

6

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6. FRUIT (Continued):

1	Surface smoothness:	1 = Smooth (Yolo Wonder L)	2 = Rough (Long Thin Cayenne)	
2	Calyx shape:	1 = Cup-shaped	2 = Saucer-shaped	
2	Position:	1 = Upright (Santaka)	2 = Pendent (Jalapeño)	
1	Base shape:	1 = Cupped (Yolo Wonder L)	2 = Rounded (Jalapeño)	
2	Apex shape:	1 = Pointed (Long Thin Cayenne)	2 = Blunt (Yolo Wonder L)	
3	Flesh thickness:	1 = Thin (Long Thin Cayenne)	2 = Medium (Anaheim Chili)	3 = Thick (Yolo Wonder L)
09	cm Length			
02	cm Shorter than Jupiter			
	Same as Early Calwonder		Comparison varieties	
	cm Longer than			
085	mm Diameter of fruit at calyx attachment			
200	g weight per fruit			
1	Fruit shape:	1 = Bell (Yolo Wonder L) 3 = Elongate (Long Thin Cayenne) 5 = Oblate (Sunnybrook)	2 = Conical (Pimiento) 4 = Oblong (Jalapeño) 6 = Globe (Red Cherry)	
2	Fruit set:	1 = Scattered	2 = Concentrated	
3 to 4	Number of locules (range)			
1	Pedicel length:	1 = Short (Yolo Wonder L)	2 = Long (Anaheim Chili)	
2	Pedicel shape:	1 = Straight	2 = Curved	
2	Pedicel Thickness:	1 = Slender (Cayenne)	2 = Thick (Yolo Wonder L)	

7. SEED:

1	Seed color:	1 = Yellow	2 = Purple
09	g/1000 seeds		

8. ANTHOCYANIN (1 = Absent, 2 = Present):

1 Leaf	1 Stem	1 Node	1 Calyx	1 Pedicel	1 Seedling Hypocotyl
1 Fruit					

9. DISEASE REACTION (0 = Not tested, 1 = Susceptible, 2 = Resistant):

0	Cucumber mosaic virus	1	Bacterial spot *(Xanthomonas vesicatoria)*
0	Curly top virus	0	Cercospora leaf spot *(Cercospora capsici)*
0	Pepper mottle virus	0	Phytophthora root rot *(Phytophthora capsici)*
2	Potato Y virus	0	Ripe rot *(Vermicularia capsici)*
2	Tobacco etch virus	0	Southern blight *(Sclerotium rolfsii)*
1	Tobacco mosaic virus	0	Verticillium wilt *(Verticillium dahliae)*
0	Anthracnose *(Gloeosporium piperatum)*	0	Nematode *(Meloidogyne incognita acrita)*
		2	Other *(Specify)* Tomato Spotted Wilt virus

7

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10. INDICATE THE VARIETY MOST CLOSELY RESEMBLING THE APPLICATION VARIETY FOR THE FOLLOWING:

CHARACTER	VARIETY	CHARACTER	VARIETY
Maturity	Early Calwonder	Fruit shape	Yolo Wonder L
Plant habit	Early Calwonder	Immature fruit color	Jupiter
Leaf color	Jupiter	Mature fruit color	Jupiter
Leaf shape	Early Calwonder	Pungency	Yolo Wonder L

11. COMMENTS:

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Exhibit D
Additional Description of the Variety

The variety 7521F is sweet bell pepper inbred with a square, blocky fruit shape. The fruit are very regular in shape and smoothness.

In Florida tests the variety flowers approximately 27 days after transplanting. The plant habit is considered to be similar to Early Calwonder. The foliage cover is most similar to Jupiter, but is slightly less dense. The parent line 7521F also most closely resembles Jupiter in terms of both immature fruit color and leaf color. Although the presence of Tomato Spotted Wilt virus resistance makes it unique from all other bell peppers it can also be distinguished from many bell peppers because of the lack of anthocyanin pigment at the nodes, on the fruit and in the anthers (exhibit C, item 8).

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE

EXHIBIT E
STATEMENT OF THE BASIS OF OWNERSHIP

The following statements are made in accordance with the Privacy Act of 1974 (5 U.S.C. 552a) and the Paperwork Reduction Act (PRA) of 1995.

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)
SYNGENTA SEEDS, INC. - VEGETABLES

2. TEMPORARY DESIGNATION OR EXPERIMENTAL NUMBER
7521F

3. VARIETY NAME
7521 F

4. ADDRESS *(Street and No., or R.F.D. No., City, State, and ZIP, and Country)*
600 NORTH ARMSTRONG PLACE
BOISE, ID 83704

5. TELEPHONE *(include area code)*
(208) 322-7272

6. FAX *(include area code)*
(208) 322-1436

7. PVPO NUMBER
2002 0 0024

8. Does the applicant own all rights to the variety? *Mark an "X" in appropriate block.* If no, please explain. [X] YES [ ] NO

9. Is the applicant (individual or company) a U.S. national or U.S. based company? [X] YES [ ] NO
If no, give name of country

10. Is the applicant the original owner? [X] YES [ ] NO *If no, please answer one of the following:*

a. If original rights to variety were owned by individual(s), is (are) the original owner(s) a U.S. national(s)?
[ ] YES [ ] NO If no, give name of country

b. If original rights to variety were owned by a company(ies), is(are) the original owner(s) a U.S. based company?
[ ] YES [ ] NO If no, give name of country

11. Additional explanation on ownership *(if needed, use reverse for extra space)*:

EXHIBIT E
Statement of the Basis
of Application

PLEASE NOTE:

Plant variety protection can be afforded only to owners (not licensees) who meet one of the following criteria:

1. If the rights to the variety are owned by the original breeder, that person must be a U.S. national, national of a UPOV member country, or national of a country which affords similar protection to nationals of the U.S. for the same genus and species.

2. If the rights to the variety are owned by the company which employed the original breeder(s), the company must be U.S. based, owned by nationals of a UPOV member country, or owned by nationals of a country which affords similar protection to nationals of the U.S. for the same genus and species.

3. If the applicant is an owner who is not the original owner, both the original owner and the applicant must meet one of the above criteria.

The original breeder/owner may be the individual or company who directed final breeding. See Section 41(a)(2) of the Plant Variety Protection Act for definition.

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0581-0055. The time required to compete this information collection is estimated to average 10 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

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STATEMENT OF THE BASIS OF APPLICATION OWNERSHIP

The parent line, 7521F, was developed as part of a continuing breeding effort to introduce the resistance Tomato Spotted Wilt (TSW) virus from PI 59236 into improved sweet bell pepper parent lines.

The pepper variety, 7521F, for which Plant Variety Protection is hereby being sought, was developed by Dr. Steven Czaplewski, of Syngenta Seeds, Inc. – Vegetables. By agreement between the employees and Syngenta Seeds, Inc.- Vegetables, all rights to any invention, discovery or development made by the employee while employed by Syngenta Seeds, Inc. – Vegetables are assigned to Syngenta Seed, Inc. – Vegetables with no rights of any kind retained by the employees.