No. 9900057

THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

C. Meijer B.V.

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.)

POTATO

'LADY OLYMPIA'

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 twelfth day of September, in the year two thousand one.

Attest:

Commissioner
Plant Variety Protection Office
Agricultural Marketing Service

Secretary of Agriculture

9900057

REPRODUCE LOCALLY. *Include form number and date on all reproductions.* FORM APPROVED - OMB NO. 0581-0055

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
SCIENCE AND TECHNOLOGY DIVISION - 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 (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) *(as it is to appear on the Certificate)*
C. Meijer B.V. ⊙ ~~BMP~~
16 Aug 2001

2. TEMPORARY DESIGNATION OR EXPERIMENTAL NUMBER
CMK 87-203-069

3. VARIETY NAME
LADY OLYMPIA

4. ADDRESS *(Street and No., or R.F.D. No., City, State, and ZIP Code, and Country)*
Stationsweg 18
P.O. Box 1
4416 ZG Kruiningen
The Netherlands

5. TELEPHONE *(include area code)*
+31 113 551474

6. FAX *(include area code)*
+31 113 551435
e-mail: MSR@zeelandnet.nl

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PVPO NUMBER
9900057

FILING DATE
11/05/98

7. GENUS AND SPECIES NAME
Solanum tuberosum

8. FAMILY NAME *(Botanical)*
Solanaceae

9. CROP KIND NAME *(Common name)*
potato

FEES RECEIVED
FILING AND EXAMINATION FEE: $ 2450.00
DATE 11/05/98
CERTIFICATION FEE: $ 320.00
DATE 09/12/01

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

11. IF INCORPORATED, GIVE STATE OF INCORPORATION

12. DATE OF INCORPORATION

13. NAME AND ADDRESS OF APPLICANT REPRESENTATIVE(S), IF ANY, TO SERVE IN THIS APPLICATION AND RECEIVE ALL PAPERS
Contact person:
Ir. Guus Heselmans C. MEIJER B.V.
~~Breeding Station Meijer~~ BATH SEWEG 45
~~tel +31 113 551474 fax +31 113 551435~~ 4411 RK RILLAND THE NETHERLANDS
07/23/01 SMP PER LETTER

14. TELEPHONE *(include area code)*

15. FAX *(include area code)*

16. 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 the Variety
d. ☒ Exhibit D. Additional Description of the Variety *(Optional)* 2X
e. ☒ Exhibit E. Statement of the Basis of the Applicant'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 PVPO)*

17. DOES THE APPLICANT 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 18 and 19 below)* ☒ NO *(If "no," go to item 20)* SMP 09/13/01

18. DOES THE APPLICANT SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS?
☐ YES ☐ NO

19. IF "YES" TO ITEM 18, WHICH CLASSES OF PRODUCTION BEYOND BREEDER SEED?
☐ FOUNDATION ☐ REGISTERED ☐ CERTIFIED

20. HAS THE VARIETY OR A HYBRID PRODUCED FROM THE VARIETY BEEN RELEASED, USED, OFFERED FOR SALE, OR MARKETED IN THE U.S. OR OTHER COUNTRIES?
☒ YES *(If "yes," give names of countries and dates)* ☐ NO
first date of selling: 1-4-1996 The Netherlands

21. The applicant(s) 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 applicant(s) is(are) the owner(s) 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.

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

SIGNATURE OF APPLICANT *(Owner(s))*		SIGNATURE OF APPLICANT *(Owner(s))*	
NAME *(Please print or type)* Ing. J.P.M. Muijsers		NAME *(Please print or type)*	
CAPACITY OR TITLE Legal representative and General Manager	DATE 7-10-1998	CAPACITY OR TITLE	DATE

STD-470 (03-96) *(Previous editions are to be destroyed)* *(See reverse for instructions and information collection burden statement)*

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Lady Olympia

EXHIBIT A

Origin And Breeding History

The crossing of Lady Olympia took place in Rilland in the Netherlands. The further selection from crossing to variety selection took also place in Rilland; after three years of selection Lady Olympia has been tested on more locations in and outside the Netherlands.
The parents of Lady Olympia are Agria; a common variety and KW 78-34-470 a genitot based on quality and storage characteristics developed by the SVP in Wageningen (---> public line).
The methods of breeding are: crossing, selection by field- and laboratory trialling and maintainance by vegetative multiplication.
The most important selection-criteria were:
marketable yield, maturity, grading, depthness of eyes, general impression, resistance to *Phytophthora infestans*, PVY, PVX, PVA, Leaf-roll, *Globodera rostochiensis* and common scab; quality aspects as dry matter content, cooking type, cooking quality and storability.

Methods for Maintainance the Variety

The variety will be maintained by vegetative multiplication. All vegetative multiplication takes place under supervision of the applicant C. Meijer B.V. at the adress mentioned on the application form.
Lady Olympia has been maintained and multiplied by specialized seed-stock builders. In the dutch system the number of generations is 9 (from single plant selection up to seedpotato-class =A= for ware potato growers). During maintainance and multiplication no off-types or variants have been found until yet.
This variety also has been multiplied with help of minitubers (generation 4-6).

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Comparison of parents with variety Lady Olympia

The variety differs in several aspects from its parents. The variety came out of a crossing.
The parents are:

Agria	Quarta x Semlo
KW78-4-470	KW 75-9-173 x KW75-16-272

The variety differs in following characters from its parents:

character	variety **Lady Olympia**	mother **Agria**	father **KW78-4-470**
eye deepness	shallow	shallow	faily deep
maturity (days)	middle early	late	middle late
tubersize	moderate	big	small
tubershape	long	long-oval	round
flower colour	white	white	violet
flesh colour	cream yellow	deep yellow	cream yellow

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EXHIBIT B

Stament of Uniformity and Stability

The variety is uniform and stable. Tests and trials have proved that Lady Olympia is very stable and does not show off-types or variants. This has been investigated by official research in behalve of various UPOV-member states at application following DUS research by those institutes.

Statement of Distinctness

The variety is distinct from all known varieties. This has been investigated by official research in behalve of various UPOV-member states.

Most similar variety: *Bintje*

			important dutch varieties					
Character	**Lady Olympia**	*Bintje*	Aziza	Nicola	Agria	Asterix	Saturna	Premiere
maturity	7	6.5	5	5,5	5	5	6	8,5
skincolour	yellow	yellow	yellow	yellow	yellow	red	yellow	yellow
fleshcolour	7	6	5,5	8	8	6,5	7	6
cooking-type	C	BC	C	A	BC	B	C	BC
flower colour	white	white	white	white	white	violet	whithe	white
crisp-quality	8	6	7	3	8	6	8	6
dry matter	8	7	7,5	5	6	7	9	6
dormancy	8	5,5	6	4,5	8	5	8	5
tuber-shape	LO	O	O	LO	LO	LO	RO	RO
number of tubers	7,5	7,5	7	8	6,5	7,5	8	6,5

1=poor, low, late
9=good, high, early

SOURCE: Recommended Variety List - 3 year research on many locations

Signature:..... Ing. J.P.M. Muijsers

Manager Breeding C. Meijer B.V.
Street adress: Stationsweg 18a, 4416 PJ Kruiningen, The Netherlands
Post office adress: Postbus 1, 4416 ZG Kruiningen, The Netherland

Exhibit C

9900057

NAME OF APPLICANT(S)
C. Meyer. B.V.

ADDRESS (*Street and No. or R.F.D. No., City, State, and Zip Code*)
Stationsweg 18a
4416 ZG Kruiningen
The Netherlands

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PVPO NUMBER 9900057

VARIETY (V) NAME
Lady Olympia

TEMPORARY OR EXPERIMENTAL DESIGNATION

REFERENCE VARIETIES: Enter the reference variety name in the appropriate box

Reference Variety 1 (R1)	Reference Variety 2 (R2)	Reference Variety 3 (R3)	Reference Variety 4 (R4)
Russet Burbank			

1. MARKET CHARACTERISTICS:

MARKET CLASS:

1 = Yellow-flesh tablestock; 2 = Round-white tablestock; 3 = Chip-processing; 4 = Frozen-processing; 5 = Russet tablestock; 6 = Other_____.

V	R1	R2	R3	R4
4	4			

2. PLANT CHARACTERISTICS:

GROWTH HABIT: *(See figure 1)*
3 = Erect (>45° with ground); 5 = Semi-erect (30-45° with ground); 7 = Spreading.

V	R1	R2	R3	R4
5	5			

TYPE:
1 = Stem (foliage open, stems clearly visible); 2 = Intermediate; 3 = Leaf (Foliage closed, stems hardly visible)

V	R1	R2	R3	R4
3	3			

MATURITY: Days after planting (DAP) at vine senescence

V	R1	R2	R3	R4
115	130			

PLANTING DATE:

V	R1	R2	R3	R4
15-4	15-4			

REGION/AREA:

V	R1	R2	R3	R4
various	various			

MATURITY CLASS:
1 = Very Early (<100 DAP); 2 = Early (100-110 DAP); 3 = Mid-season (111-120 DAP); 4 = Late (121-130 DAP); 5 = Very Late (>130 DAP).

V	R1	R2	R3	R4
3	4			

3. STEM CHARACTERISTICS: *Measure at early first bloom*

* **STEM ANTHOCYANIN COLORATION:**
1 = Absent; 3 = Weak; 5 = Medium; 7 = Strong; 9 = Very Strong

V	R1	R2	R3	R4
2	4			

STEM WINGS: *(See figure 12)*
1 = Absent; 3 = Weak; 5 = Medium; 7 = Strong; 9 = Very Strong

V	R1	R2	R3	R4
4	5			

4. LEAF CHARACTERISTICS:

LEAF COLOR: *(Observe fully developed leaves located on middle $^1/_3$ of plant)*
1 = Yellowish-green; 2 = Olive-green; 3 = Medium green; 4 = Dark green; 5 = Grey-green; 6 = Other_____

V	R1	R2	R3	R4
3	3			

LEAF COLOR CHART VALUE: Royal Horticulture Society Color Chart or Munsell Color Chart
(Observe fully developed leaves located on middle $^1/_3$ of plant & circle the appropriate color chart)

V	R1	R2	R3	R4
141A	141A			

LEAF PUBESCENCE DENSITY:
1 = Absent; 2 = Sparse; 3 = Medium; 4 = Thick; 5 = Heavy

V	R1	R2	R3	R4
3	2-3			

LEAF PUBESCENCE LENGTH:
1 = None; 2 = Short; 3 = Medium; 4 = Long; 5 = Very long

V	R1	R2	R3	R4
3	3			

(Note: Descriptor #19 can be used to describe the type and length of the glandular trichomes observed.)

* **LEAF SILHOUETTE:** *(See figure 2)*
1 = Closed; 3 = Medium; 5 = Open

V	R1	R2	R3	R4
2	4			

PETIOLES ANTHOCYANIN COLORATION:
1 = Absent; 3 = Weak; 5 = Medium; 7 = Strong; 9 = Very Strong

V	R1	R2	R3	R4
6	4			

LEAF STIPULES SIZE: *(See figure 13)*
1 = Absent; 3 = Small; 5 = Medium; 7 = Large

V	R1	R2	R3	R4
4	2			

TERMINAL LEAFLET SHAPE: *(See figure 3 & 11)*
1 = Narrowly ovate; 2 = Medium ovate; 3 = Broadly ovate; 4 = Lanceolate; 5 = Elliptical;
6= Obovate; 7 = Oblong; 8 = Other_____

V	R1	R2	R3	R4
2	1			

TERMINAL LEAFLET TIP SHAPE: *(See figure 4 & 11)*
1 = Acute; 2 = Cuspidate; 3 = Acuminate; 4 = Obtuse; 5 = Other_____

V	R1	R2	R3	R4
3	3			

* **TERMINAL LEAFLET BASE SHAPE:** *(See figure 5 & 11)*
1 = Cuneate; 2 = Acute; 3 = Obtuse; 4 = Cordate; 5 = Truncate; 6 = Lobed; 7 = Other_____

V	R1	R2	R3	R4
4	4			

TERMINAL LEAFLET MARGIN WAVINESS:
1 = Absent; 2 = Slight; 3 = Weak; 4 = Medium; 5 = Strong

V	R1	R2	R3	R4
3	2			

NUMBER OF PRIMARY LEAFLET PAIRS: *(See figure 11)*

AVERAGE:

V	R1	R2	R3	R4
5	4			

RANGE:

V	R1	R2	R3	R4
4 to 6	3 to 5	to	to	to

PRIMARY LEAFLET TIP SHAPE: *(See figure 4 & 11)*
1 = Acute; 2 = Cuspidate; 3 = Acuminate; 4 = Obtuse; 5 = Other_____

V	R1	R2	R3	R4
3	4			

* **PRIMARY LEAFLET SIZE:**

1 = Very Small; 2 = Small; 3 = Medium; 4 = Large; 5 = Very Large

V	R1	R2	R3	R4
3	2-3			

PRIMARY LEAFLET SHAPE: *(See figure 3 & 11)*

1 = Narrowly ovate; 2 = Medium ovate; 3 = Broadly ovate; 4 = Lanceolate; 5 = Elliptical;
6= Obovate; 7 = Oblong; 8 = Other_____

V	R1	R2	R3	R4
2	1			

PRIMARY LEAFLET BASE SHAPE: *(See figure 5 & 11)*

1 = Cuneate; 2 = Acute; 3 = Obtuse; 4 = Cordate; 5 = Truncate; 6 = Lobed; 7 = Other_____

V	R1	R2	R3	R4
4	4			

NUMBER OF SECONDARY AND TERTIARY LEAFLET PAIRS: *(See figure 11)*

AVERAGE:

V	R1	R2	R3	R4
6	6			

RANGE:

V	R1	R2	R3	R4
4 to 8	4 to 8	to	to	to

5. INFLORESCENCE CHARACTERISTICS:

NUMBER OF INFLORESCENCE / PLANT:

AVERAGE:

V	R1	R2	R3	R4
3	5			

RANGE:

V	R1	R2	R3	R4
2 to 4	3 to 6	to	to	to

NUMBER OF FLORETS / INFLORESCENCE:

AVERAGE:

V	R1	R2	R3	R4
8	8			

RANGE:

V	R1	R2	R3	R4
6 to 12	5 to 13	to	to	to

* **COROLLA INNER SURFACE COLOR CHART VALUE: Royal Horticulture Society Color Chart or Munsell Color Chart**

(Measure predominant color of newly open flower & circle the appropriate color chart)

V	R1	R2	R3	R4
155B	155A			

* **COROLLA INNER SURFACE COLOR:** *(Measure predominant color of newly open flower)*
1 = White; 2 = Red-violet; 3 = Blue-violet; 4 = Other_____

V	R1	R2	R3	R4
1	1			

COROLLA SHAPE: *(See figure 6)*
1 = Very rotate; 2 = Rotate; 3 = Pentagonal; 4 = Semi-stellate; 5 = Stellate

V	R1	R2	R3	R4
3	2			

CALYX ANTHOCYANIN COLORATION:
1 = Absent; 3 = Weak; 5 = Medium; 7 = Strong; 9 = Very strong

V	R1	R2	R3	R4
4	1			

ANTHER COLOR CHART VALUE: Royal Horticulture Society Color Chart or Munsell Color Chart
(Measure when newly opened flower is fully expanded and circle the appropriate color chart)

V	R1	R2	R3	R4
17A	17A			

ANTHER SHAPE: *(See figure 7)*
1 = Broad cone; 2 = Narrow cone; 3 = Pear shape cone; 4 = Loose; 5 = Other_____

V	R1	R2	R3	R4
3	3			

POLLEN PRODUCTION:
1 = None; 3 = Some; 5 = Abundant

V	R1	R2	R3	R4
2	2			

STIGMA SHAPE: *(See figure 8)*
1 = Capitate; 2 = Clavate; 3 = Bi-lobed

V	R1	R2	R3	R4
1	3			

STIGMA COLOR CHART VALUE: Royal Horticulture Society Color Chart or Munsell Color Chart
(Circle the appropriate color chart)

V	R1	R2	R3	R4
144A	144A			

BERRY PRODUCTION: *(Under field conditions)*
1 = None; 3 = Low; 5 = Moderate; 7 = Heavy; 9 = Very heavy

V	R1	R2	R3	R4
1	1			

5. TUBER CHARACTERISTICS:

* **PREDOMINANT SKIN COLOR:**

1 = White; 2 = Light Yellow; 3 = Yellow; 4 = Buff; 5 = Tan; 6 = Brown; 7 = Pink; 8 = Red; 9 = Purplish-red; 10 = Purple; 11 = Dark purple-black; 12 = Other_____

V	2	R1	6	R2		R3		R4	

PREDOMINANT SKIN COLOR CHART VALUE: Royal Horticulture Society Color Chart or Munsell Color Chart
(Circle the appropriate color chart)

V	150D	R1	166D	R2		R3		R4	

SECONDARY SKIN COLOR:
1 = Absent; 2 = Present, please describe: _____

V	–	R1	–	R2		R3		R4	

SECONDARY SKIN COLOR CHART VALUE: Royal Horticulture Society Color Chart or Munsell Color Chart
(Circle the appropriate color)

V	–	R1	–	R2		R3		R4	

SECONDARY SKIN COLOR DISTRIBUTION:
1 = Eyes; 2 = Eyebrows; 3 = Splashed; 4 = Scattered; 5 = Spectacled; 6 = Stippled; 7 = Other_____

V	–	R1	–	R2		R3		R4	

SKIN TEXTURE:
1 = Smooth; 2 = Rough (flaky); 3 = Netted; 4 = Russetted; 5 = Heavily russetted; 6 = Other_____

V	1	R1	4	R2		R3		R4	

* **TUBER SHAPE:** *(See figure 10)*
1 = Compressed; 2 = Round; 3 = Oval; 4 = Oblong; 5 = Long; 6 = Other_____

V	4-5	R1	5	R2		R3		R4	

TUBER THICKNESS:
1 = Round; 2 = Medium thick; 3 = Slightly flattened; 4 = Flattened; 5 = Other_____

V	1-2	R1	2	R2		R3		R4	

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TUBER LENGTH (mm):

AVERAGE:

V	R1	R2	R3	R4
100	116			

RANGE:

V	R1	R2	R3	R4
95 to 141	40 to 159	to	to	to

STANDARD DEVIATION:

V	R1	R2	R3	R4
15.5	17.6			

AVERAGE WEIGHT OF SAMPLE TAKEN:

V	R1	R2	R3	R4
7.9	8.2			

TUBER WIDTH (mm):

AVERAGE:

V	R1	R2	R3	R4
58	62			

RANGE:

V	R1	R2	R3	R4
32 to 74	40 to 90	to	to	to

STANDARD DEVIATION:

V	R1	R2	R3	R4
10.4	12.6			

AVERAGE WEIGHT OF SAMPLE TAKEN:

V	R1	R2	R3	R4
7.9	8.2			

TUBER THICKNESS (mm):

AVERAGE:

V	R1	R2	R3	R4
49	54			

RANGE:

V	R1	R2	R3	R4
28 to 62	34 to 78	to	to	to

STANDARD DEVIATION:

V	R1	R2	R3	R4
10.9	12.1			

AVERAGE WEIGHT OF SAMPLE TAKEN:

V	R1	R2	R3	R4
7.9	8.2			

TUBER EYE DEPTH:

1 = Protruding; 2 = Shallow; 3 = Intermediate; 4 = Deep; 5 = Very deep

V	R1	R2	R3	R4
2	2			

TUBER LATERAL EYES
1 = Protruding; 2 = Shallow; 3 = Intermediate; 4 = Deep; 5 = Very deep

V	2	R1	2	R2		R3		R4	

NUMBER EYE / TUBER:

AVERAGE:

V	8.4	R1	13	R2		R3		R4	

RANGE:

V	7 to 11	R1	11 to 17	R2	to	R3	to	R4	to

DISTRIBUTION OF TUBER EYES:
1 = Predominantly apical; 2 = Evenly distributed

V	1	R1	1-2	R2		R3		R4	

PROMINENCE OF TUBER EYEBROWS:
1 = Not prominent; 2 = Slight prominence; 3 = Medium prominence; 4 = Very prominent; 5 = Other_____

V	1	R1	1	R2		R3		R4	

* **PRIMARY TUBER FLESH COLOR CHART VALUE:** Royal Horticulture Society Color Chart or Munsell Color Chart
(Circle the appropriate color chart)

V	5D	R1	155D	R2		R3		R4	

SECONDARY TUBER FLESH COLOR:
1 = Absent; 2 = Present, please describe: _____

V	-	R1	-	R2		R3		R4	

SECONDARY TUBER FLESH COLOR CHART VALUE: Royal Horticulture Society Color Chart or Munsell Color Chart
(Circle the appropriate color chart)

V	-	R1	-	R2		R3		R4	

NUMBER OF TUBERS / PLANT:
1 = Low (<8); 2 = Medium (8 -15); 3 = High (>15)

V	2-3	R1	2-3	R2		R3		R4	

6. DISEASES CHARACTERISTICS:

DISEASES REACTION: 0 = NOT TESTED; 1 = RESISTANT; 3 = MODERATELY RESISTANT; 5 = MODERATELY SUSCEPTIBLE; 7=SUSCEPTIBLE; 9=HIGHLY SUSCEPTIBLE

	V	R1	R2	R3	R4
BACTERIAL RING ROT: Foliar reaction	0	0			
BACTERIAL RING ROT: Tuber reaction	0	0			
LATE BLIGHT	7	8			
PLRV (leaf roll)	5	7			
PVX	1-2				
PVY	2	7			
OTHER: wart disease 1	1	5			
OTHER: Common scab	5	2			

7. PESTS CHARACTERISTICS:

PEST REACTION: 0 = NOT TESTED; 1 = RESISTANT; 3 = MODERATELY RESISTANT; 5 = MODERATELY SUSCEPTIBLE; 7=SUSCEPTIBLE; 9=HIGHLY SUSCEPTIBLE

	V	R1	R2	R3	R4
GOLDEN NEMATODE	9	9			
OTHER:					

8. GENE TRAITS:

INSERTION OF GENES: ☐ YES ☒ NO

If YES, describe the gene(s) introduced or attach information:

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9. QUALITY CHARACTERISTICS:

CHIEF MARKET: Frozen French Fries

SPECIFIC GRAVITY (wt. air /wt. air - wt. water)
1 < 1.060; 2 = 1.060-1.069; 3 = 1.070-1.079; 4 = 1.080-1.089; 5 > 1.090

V	4	R1	4	R2		R3		R4	

TOTAL GLYCOALKALOID CONTENT (mg. / 100 g. fresh tuber)

V	<5	R1		R2		R3		R4	

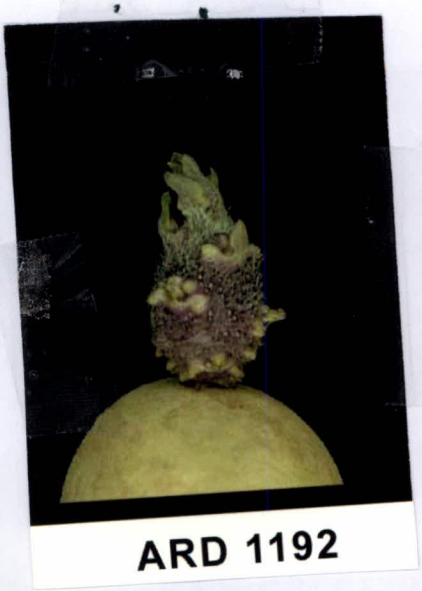
OTHER QUALITY CHARACTERISTICS: Describe any other quality characteristics that may aid in identification, (e.g. chip-processing, french fry processing, baking, boiling, after-cooking darkening). Please attach data and corresponding protocol.

11. CHEMICAL IDENTIFICATION:

Describe chemical traits of the candidate variety that aid in its identification (e.g. protein or DNA electrophoresis). Please attach data and the corresponding protocol.

ADDITIONAL COMMENTS AND CHARACTERISTICS:

Include any additional descriptors that would be useful in distinguishing the candidate variety.



ARD 1192

l a d y o l y m p i a

Reference number of reporting authority: ARD 1192

15. Characteristics included in the UPOV guidelines or national test guidelines

UPOV No.	Characteristics	States of expression	Note	Remarks
1.	Lightsprout: size	large	7	
2.	Lightsprout: shape	conical	3	
3.G	Lightsprout: anthocyanin coloration of base	blue-violet	2	
4.	Lightsprout: intensity of anthocyanin coloration of base	strong	7	
5.	Lightsprout: pubescen of base	strong	7	
6.	Lightsprout: size of tip	medium	5	
7.	Lightsprout: habit of tip	open	7	
8.	Lightsprout: intensity of anthocyanin coloration of tip	medium to strong	6	
9.	Lightsprout: pubescens of tip	strong	7	
10.	Lightsprout: number of root tips	medium	5	
11.	Lightsprout: protrusion of lenticels	weak to medium	4	
12.	Lightsprout: length of lateral shoots	short to medium	4	
13.	Plant: height	medium	5	
14.	Plant: type	leaf-type	3	
15.	Plant: growth habit	semi erect	5	
16.	Stem: thickness of main stem	medium	5	
17.	Stem: extension of anthocyanin coloration	very weak to weak	2	
18.	Leaf: size	medium to large	6	
19.	Leaf: silhouette	closed to medium	4	

OFFICE COMMUNAUTAIRE DES VARIETES VEGETALES – COMMUNITY PLANT VARIETY OFFICE

9900057

REPRODUCE LOCALLY. *Include form number and date on all reproductions.* FORM APPROVED - OMB NO. 0581-0055

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)	2. TEMPORARY DESIGNATION OR EXPERIMENTAL NUMBER	3. VARIETY NAME
C. Meijer B.V.	CMK 87-203-069	**LADY OLYMPIA**

4. ADDRESS *(Street and No., or R.F.D. No., City, State, and ZIP Code, and Country)*	5. TELEPHONE *(include area code)*	6. FAX *(include area code)*
Stationsweg 18a P.O. Box 1 4416 ZG Kruiningen The Netherlands	+ 31 113 551474	+31 113 551435
	7. PVPO NUMBER 9900057	

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?
If no, give name of country _____ [ ] YES [X] NO

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

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 complete 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.

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) 720-5881 (voice) or (202) 720-7808 (TDD).
To file a complaint, write the Secretary of Agriculture, U.S. Department of Agriculture, Washington, D.C. 20250, or call 1-800-245-6340 (voice) or (202) 720-1127 (TDD). USDA is an equal employment opportunity employer.

Meijer

9900057

EXHIBIT F

Upon the request of the Commisioner of the Plant Variety Protection Office, Applicant C. Meijer BV agrees to deposit at the U.S. National Seed Storage Laboratory (NSSL) a viable tissue culture sample for the variety Lady Olympia. Applicant C. Meijer B.V. further agrees to replenish the sample if viability does not meet or falls below NSSL standards.

Signature:.....

Ing. J.P.M. Muijsers
Manager Breeding C. Meijer B.V.
Street adress: Stationsweg 18a, 4416 PJ Kruiningen, The Netherlands
Post office adress: Postbus 1, 4416 ZG Kruiningen, The Netherlands