200500200

No.

THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Golden Peanut Company, LLC

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 [illegible]ORTING IT, OR EXPORTING IT, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE [illegible] PURPOSES, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT [illegible]D BY THE PLANT VARIETY PROTECTION ACT. IN THE UNITED STATES SEED OF THIS VARIETY ([illegible]E SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED SEED AND (2) SHALL CONFORM TO THE NU[illegible] GENERATIONS SPECIFIED BY THE OWNER OF THE RIGHTS. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SE[illegible]

PEANUT

'AT-3081R'

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 fifteenth day of June, in the year two thousand and seven.

Attest:

Commissioner
Plant Variety Protection Office
Agricultural Marketing Service

[illegible] of Agriculture

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 (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 OWNER: Golden Peanut Company, LLC

2. TEMPORARY DESIGNATION OR EXPERIMENTAL NAME:

3. VARIETY NAME: AT-3081R

4. ADDRESS *(Street and No., or R.F.D. No., City, State, and ZIP Code, and Country)*
100 North Point Center East
Suite 400
Alpharetta, Georgia 30022

5. TELEPHONE *(include area code)*: 770-752-8195

6. FAX *(include area code)*: 770-752-8306

FOR OFFICIAL USE ONLY

PVPO NUMBER: 20050200

FILING DATE: April 8, 2005

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

8. IF INCORPORATED, GIVE STATE OF INCORPORATION: GA

9. DATE OF INCORPORATION:

10. NAME AND ADDRESS OF OWNER REPRESENTATIVE(S) TO SERVE IN THIS APPLICATION. *(First person listed will receive all papers)*
J. Ernest Harvey
809 Grand Street
Ashburn, Georgia 31714

FEES RECEIVED

FILING AND EXAMINATION FEES: $ 3,652 DATE 4/8/05

CERTIFICATION FEE: $ 768 – DATE 5/29/07

11. TELEPHONE *(Include area code)*: (229) 567-9246

12. FAX *(Include area code)*:

13. E-MAIL: jharvey01@alltel.net

14. CROP KIND *(Common Name)*: Peanut

15. GENUS AND SPECIES NAME OF CROP: Arachis Hypogaea

16. FAMILY NAME *(Botanical)*: *Leguminosae*

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

18. DOES THE VARIETY CONTAIN ANY TRANSGENES? *(OPTIONAL)*
☐ YES ☑ NO
IF SO, PLEASE GIVE THE ASSIGNED USDA-APHIS REFERENCE NUMBER FOR THE APPROVED PETITION TO DEREGULATE THE GENETICALLY MODIFIED PLANT FOR COMMERICALIZATION. _____

19. 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 ($3,652), made payable to "Treasurer of the United States" *(Mail to the Plant Variety Protection Office)*

20. 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 21 and 22 below)* ☐ NO *(If "no", go to item 23)*

21. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS TO NUMBER OF CLASSES?
☑ YES ☐ NO
IF YES, WHICH CLASSES? ☐ FOUNDATION ☒ REGISTERED ☒ CERTIFIED

22. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS?
☑ YES ☐ NO
IF YES, SPECIFY THE NUMBER 1,2,3, etc. FOR EACH CLASS.
[1] FOUNDATION [1] REGISTERED [1] CERTIFIED
(If additional explanation is necessary, please use the space indicated on the reverse.)

23. 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.)*

24. 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.)*

25. The owners declare that a viable sample of basic seed of the variety has been 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		SIGNATURE OF OWNER	
NAME *(Please print or type)*: Robert T. Parker IV		NAME *(Please print or type)*:	
CAPACITY OR TITLE: Vice President	DATE: 04-01-05	CAPACITY OR TITLE:	DATE:

(See reverse for instructions and information collection burden statement)

INSTRUCTIONS

20050200

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 $3,652 ($432 filing fee and $3,220 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 401, 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 $432 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/pvpo/pvpindex.htm

To avoid conflict with other variety names in use, the applicant must check the appropriate recognized authority and provide evidence that name has been cleared by the appropriate recognized authority before the Certificate of Protection is issued. For example, for agricultural and vegetable crops, contact: Seed Branch, AMS, USDA, 10301 Baltimore Avenue, Suite 401 NAL Building, Beltsville, MD 20705. Telephone: (301) 504-5682 http://www.ams.usda.gov/lsg/seed.htm.

ITEM

19a. 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

19b. 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.

19c. 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.

19d. 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.*

19e. 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.

20. 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).*

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

24. *See Section 55 of the Act for instructions on claiming the benefit of an earlier filing date.*

22. CONTINUED FROM FRONT *(Please provide a statement as to the limitation and sequence of generations that may be certified.)*

23. 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.)*

24. 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. The fees for filing a change of address; owner's representative; 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.)*

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not 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 1.4 hours 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 all its programs and activities on the basis of race, color, national origin, gender, religion, age, disability, sexual orientation, marital or family status, political beliefs, parental status, or protected genetic information. (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 USDA's TARGET Center at 202-720-2600 (voice and TDD).

To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, Room 326-W, Whitten Building, 14th and Independence Avenue, SW, Washington, DC 20250-9410 or call 202-720-5964 (voice and TDD). USDA is an equal opportunity provider and employer.

Exhibit A
Origin and Breeding History

The hybridization and pedigree selection method of plant breeding was used in the development of "AT-3081R".

In 1993, the cross of "H95" and "GK-7" was made. The H95 parent is an AgraTech breeding line with average Agronomic characteristics such as yield and grade but it has excellent resistance to tomato-spotted wilt virus (TSWV). The "GK-7" parent was a very popular and widely grown variety during the 80's and 90's in the Southeast as well as South Texas.

Over the following eight generations, offspring from this cross were planted in progeny rows and selections made for uniformity of pod and seed size, commercial runner market type, high yield and grade and resistance to TSWV. The line was considered stable and no further segregation was noted in 2000.

Increase plots of "AT-3081R" were observed for three generations (2001 through 2003) and were determined to be stable and uniform. Tests were conducted from 2001 to present. Pod and seed characteristics, disease resistance and plant phenotype have remained consistent. Generally, less than 1% of the seed may be deemed to have a lighter pink seed coat (testa).

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Exhibit A – Origin and Breeding History (revised)

The H95 parent, used in the cross that led to the development of 'AT-3081R', was obtained by Agratech Seeds, Inc. from North Carolina State University. H95 was derived from an interspecific cross using the wild species Arachis batizocoi. During the segregating generations selections were made for desirable agronomic traits and resistance to various diseases. H95 exhibited good resistance to TSWV.

Variants appear in 'AT-3081R' at a frequency of about <1%. These variants have a lighter pink seed coat (testa) color.

#200200200

Exhibit B – Statement of Distinctness (revised)

The variety designated as 'AT-3081R' has been selected for its high yield and Tomato-Spotted Wilt Virus (TSWV) resistance (see Exhibit C).

'AT-3081R' is most similar to Georgia Green in that both are commercial runner market types. The two varieties have very similar shelling characteristics and also percent SMK content. Georgia Green and 'AT-3081R' are both non high-oleic varieties with very similar O/L ratios and fatty acid profiles (see Exhibit C).

'AT-3081R' differs from Georgia Green in plant growth habit and seed size. The variety designated as 'AT-3081R' has a prostrate plant growth habit and a very prominent main stem during the growing season, which is very different from Georgia Green. Georgia Green has a more upright plant growth habit with no distinct main stem. Georgia Green has much less vegetative growth.

There are no molecular markers known in the application variety or the most similar variety that I am aware of.

The big difference between 'AT-3081R' and 'Agratech 201' is 'Agratech 201' is a high-oleic variety and 'At-3081R' is not high-oleic.

REPRODUCE LOCALLY. Include form number and date on all reproductions.

Form Approved OMB NO 0581-0055

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not 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 1.4 hours 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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Exhibit C

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
SCIENCE AND TECHNOLOGY
PLANT VARIETY PROTECTION OFFICE
BELTSVILLE, MD 20705

OBJECTIVE DESCRIPTION OF VARIETY
Peanut (*Arachis hypogaea*)

NAME OF APPLICANT (S)	TEMPORARY OR EXPERIMENTAL DESIGNATION	VARIETY NAME
Golden Peanut Company, LLC		AT-3081R
ADDRESS *(Street and No. or RD No., City, State, Zip Code, and Country)*		FOR OFFICIAL USE ONLY
100 North Point Center East Suite 400 Alpharetta, Georgia 30022		PVPO NUMBER 200500200

PLEASE READ ALL INSTRUCTIONS CAREFULLY:

Place the appropriate number that describes the varietal character of this variety in the boxes below. Place a zero in the first box e.g., [0][8][9] or [0][9]) when a number is either 99 or less or 9 or less.

1. BOTANICAL TYPE:

[1] Flowering on the Main Stem: 1 = Absent 2 = Present

[1] Branching Pattern: 1 = Alternate – Pairs of vegetative and reproductive branches (Virginia)
2 = Sequential – Continuous reproductive branches (Valencia-Spanish) _____
3 = Other (Specify) _____

2. PLANT:

[1] Habit: 1 = Prostrate (Florunner) 2 = Decumbent (NC–5) 2 = Semi-Erect (Florispan) 4 = Erect (Starr)

[3] Branching: 1 = Sparse (Valencia) 2 = Moderate (Starr) 3 = Profuse (Florunner)

3. MATURITY:

[2] Region: 1 = Virginia, North Carolina 2 = Southeast United States 3 = Southwest United States 4 = Other

[1][3][5] Number of Days to Maturity

[1][0] Number of Days Earlier Than [7]
[1][5] Number of Days Later Than [1]

1 = Starr 2 = Florunner 3 = Florigiant
4 = Virginia 61R 5 = NC-2
6 = NC-5 7 = Southeastern Runner 56-15
8 = Other (Specify) _____

4. LEAVES:

[3] Color at 60 Days (Nickerson Color Designation _____)

[6][9] mm Leaflet Length (Basal Leaflet of the Youngest Fully Opened Leaf)

[4][3][5] Leaflet Length/Width Ratio

1=Light Green (10gy 6/9)
2= Medium Green (2.5G 5/9)
3=Dark green (5G 4/7)
4= Other (Specify)

6

5. POD (Average for 20 pods at maturity):

27 mm Length

12 mm Diameter

5160 KG./HA. Pod Yield

00 % Less Than

08 % More Than

[ ] [8] 1 = Starr 2 = Florunner 3 = Florigiant 4 = Virginia 61R 5 = NC-2 6 = NC-5 7 = Southeastern Runner 56-15 8 = Other (Specify) Ga. Green

09 % Fancy Size: (% riding 13.46 mm., 34/64 Inch, Spacing Set on Presizer Roller

2 Number of Seeds per Pod: 1 = 1 2 = 2 3 =3 4 =3-4 5 = 2-3-4

1 Constriction: 1 = Shallow or None (Virginia 56R, Argentine) 2 = Medium (Virginia 61R) 3 = Deep (Starr)

1 Surface: 1 = Glabrous (Florunner) 2 = Pubescent (Florispan)

2 Beak: 1 = Absent 2 = Inconspicuous 3 = Pronounced

6. SEED (Mature, cured but not aged):

05 Coat Color: 1 = White (Pearl) 2 = Cream 3 = Tan (Starr) 4 = Brown 5 = Pink (Florigiant) 6 = Red 7 = Purple 8 = Dark Purple 9 = Variegated 10 = Other (Specify) _____

1 Coat Surface: 1 = Smooth 2 = Undented [1] 1 = Uniform Color 2 = Blemished

2 Shape: 1 = Spheriodal (Starr) 2 = Short Broad (Florunner) 3 = Elongated-Slender (Dixie Runner) 4 = Cylindrical-tapered Ends 5 = Cylindrical Blunt Ends (NC-2) 6 = Other (Specify) _____

14 mm Length 07 mm Width 64 Grams per ~~100~~ 100 Seeds (8% Moisture)

7. DISEASE RESISTANCE: (0 = Not Tested, 1 = Susceptible, 2 = Moderately Susceptible, 3 = Moderately Resistant, 4 = Resistant)

0	Southern Stem Rot	0	Rust	3	Early Leaf Spot	0	Virus X
0	Southern Leaf Spot	0	Mosaic	0	Pod Rot Complex	4	Other (Specify) TSWV

8. INSECT RESISTANCE: (0 = Not Tested, 1 = Susceptible, 2 = Moderately Susceptible, 3 = Moderately Resistant, 4 = Resistant)

0	Thrips	0	Burrowing Bug	2	Leaf Hopper	0	Nematode (Specify species) _____
0	Southern Corn Rootworm	0	Lesser Cornstalk Borer	0	Aphid	0	Other (Specify) _____

9. COMPARISON OF SUBMITTED VARIETY WITH ONE OR MORE SIMILAR VARIETIES:

VARIETY	OIL* (%)	PROTIEN* (%)	OLEIC: * LINOLEIC ACID RATIO	IODINE* NUMBER	SHELLING (%)	SMK** (%)	ELK+ (%)	MAIN STEM HEIGHT (CM)
Submitted	46.75	29.13	1.58	---	75.1	71.8	---	44.7
Similar	49.99	25.31	1.65	---	76.8	72.8	---	38.4
Name of Similar Variety	Ga. Green	Ga. Green	Ga. Green	---	Ga. Green	Ga. Green	---	---

* From Sound Mature Kernels ** Sound Mature Kernels + Extra Large Kernels

10. INDICATE A VARIETY WHICH MOST CLOSELY RESEMBLES THAT SUBMITTED:

CHARACTER	VARIETY	CHARACTER	VARIETY
Pod Color	GK-7	Seedling Vigor	GK-7
Seed Dormancy	GK-7	Hull Thickness	GGK-7
Seed Size	C99R	Leaf Color	GK-7

11. COMMENTS: (Additional description or clarification – such as: relative disease reactions may be compared with standard varieties)

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Exhibit C – Objective Description (revised)

The seed size data shows that 'AT-3081R' has about 20% more large seed (+21/64) than Georgia Green and significantly fewer small seed (+15/64) than Georgia Green. The seed shape of 'AT-3081R' is short broad.

The TSWV visual ratings were made on the yield trials at the various locations. The rating is the actual feet of row per plot infected with TSWV (2 row plot 20' long –40 feet total – scale 0 to 40). Ratings were made on 'AT-3081R' and 'Georgia Green' only.

Fatty Acid Profile – Analysis by J. Leek Associates, Albany, GA

Fatty Acids

Variety	O/L ratio	16:0	18:0	18:1	18:2	18:3	20:0	20:1	22:0	24:0
GA Green	1.65	9.17	2.34	49.99	30.38	0.00	1.32	1.56	3.33	1.90
AT-3081R	1.58	8.82	2.22	49.63	31.48	0.00	1.23	1.52	3.18	1.93

Seed Size Data – Analysis by J. Leek Associates, Albany, GA

Screen Sizes

Variety	+21/64	+18/64	+16/64	+15/64
GA Green	30.32	47.38	9.02	12.64
AT-3081R	36.69	47.00	14.72	1.20

Yield Data: 2001-2004

2001

Entry	Ashburn, GA	Chula, GA	Headland, AL	Blackville, SC	Average
AT-3081R	4555	3913	4401	---	4290
GA Green	4604	3788	3770	---	4054

2002

Entry	Ashburn, GA	Chula, GA	Headland, AL	Blackville, SC	Average
AT-3081R	4955	4825	5685	---	5155
GA Green	4284	3941	4540	---	4255

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2003

Entry	Ashburn, GA	Chula, GA	Headland, AL	Blackville, SC	Average
AT-3081R	5191	5281	4175	---	4882
GA Green	4665	4415	3110	---	4063

2004

Entry	Ashburn, GA	Chula, GA	Headland, AL	Blackville, SC	Average
AT-3081R	4872	4665	6096	4862	5124
GA Green	4278	4047	5410	3945	4420

TSWV Data: 2001-2004

2001

Entry	Ashburn, GA	Chula, GA	Headland, AL	Blackville, SC	Average
AT-3081R	6.00		1.82		3.91
GA Green	8.33		6.18		7.26

2002

Entry	Ashburn, GA	Chula, GA	Headland, AL	Blackville, SC	Average
AT-3081R	8.10		1.80		4.95
GA Green	19.20		6.10		12.65

2003

Entry	Ashburn, GA	Chula, GA	Headland, AL	Blackville, SC	Average
AT-3081R	1.40		8.50		4.95
GA Green	8.60		19.40		14.05

2004

Entry	Ashburn, GA	Chula, GA	Headland, AL	Blackville, SC	Average
AT-3081R	7.75		21.75		14.75
GA Green	11.45		19.00		15.28

Scale - 0 = No Infection
40 = Total Infection of plot (2 rows: 20 ft. long)

Yield Data: 2001 through 2004

Entry	Ashburn, GA	Chula, GA	Headland, AL	Blackville, SC	Ave.
			2001		
AT-3081R	4555	3913	4401	-------	4290
Ga. Green	4604	3788	3770	-------	4054
			2002		
AT-3081R	4955	4825	5685	-------	5155
Ga. Green	4284	3941	4540	-------	4255
			2003		
AT-3081R	5191	5281	4175	-------	4882
Ga. Green	4665	4415	3110	-------	4063
			2004		
AT-3081R	4872	4665	6096	4862	5124
Ga. Green	4278	4047	5410	3945	4420

TSWV Data: 2001 through 2004

			2001		
AT-3081R	6.00	-------	1.82	-------	3.91
Ga. Green	8.33	-------	6.18	-------	7.26
			2002		
AT-3081R	8.10	5.10	1.80	-------	5.00
Ga. Green	19.20	3.80	6.10	-------	9.70
			2003		
AT-3081R	1.40	-------	8.50	-------	4.95
Ga. Green	8.60	-------	19.50	-------	14.05
			2004		
AT-3081R	7.75	4.65	21.75	2.90	9.26
Ga. Green	11.45	7.10	19.00	19.90	14.36

Area of Adaptation

The data indicates "AT-3081R" is better suited to the peanut producing areas of the Southeastern United States.

Maintaining Seed Stocks

Seed will be maintained as classes of certified seed only. Foundation, Registered and Certified.

Breeding Objective

When the cross that led to "AT-3081R" was made, the objective was to develop a variety that was very similar to "GK-7" agronomically but with excellent resistance to TSWV. This was accomplished with "AT-3081R".

Exhibit E

Basis of Ownership

Late in 2002 Gold Kist Inc. made the decision to discontinue their peanut research program (AgraTech Seeds Inc.). Early in 2003 Golden Peanut Company purchased the AgraTech peanut breeding program and brand name. Golden Peanut Company continues to fund and operate the peanut-breeding program. Any variety that comes out of this program is the property of Golden Peanut Company. "AT-3081R" is the sole property of Golden Peanut Company.

REPRODUCE LOCALLY. Include form number and edition 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

Application is required in order to determine if a plant variety protection certificate is to be issued *(7 U.S.C. 2421)*. The information is held confidential until the certificate is issued *(7 U.S.C. 2426)*.

RAD 3/29/07

1. NAME OF APPLICANT(S)	2. TEMPORARY DESIGNATION OR EXPERIMENTAL NUMBER	3. VARIETY NAME
Golden Peanut Company, LLC		AT-3081R
4. ADDRESS *(Street and No., or R.F.D. No., City, State, and ZIP, and Country)*	**5. TELEPHONE** *(Include area code)*	**6. FAX** *(Include area code)*
100 North Point Center East Suite 400 Alpharetta, Georgia 30022	(770) 752-8195	(770) 752-8306
	7. PVPO NUMBER #200200200	

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

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

10. Is the applicant the original owner? ☐ YES ☑ NO If no, please answer one of the following:

a. If the 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 the 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 *(Trace ownership from original breeder to current owner. Use the reverse for extra space if needed)*:

Late in 2002 Gold Kist Inc. made the decision to discontinue their peanut research program (AgraTech Seeds Inc.). Early in 2003 Golden Peanut Company purchased the AgraTech breeding program and brand name. Golden Peanut Company continues to fund and operate the breeding program. Any variety that comes out of this program belongs to Golden Peanut Company. "AT-3081R" is the sole property of Golden Peanut Company.

PLEASE NOTE:

Plant variety protection can only be afforded to the owners (not licensees) who meet 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 the final breeding. See Section 41(a)(2) of the Plant Variety Protection Act for definitions.

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not 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 0.1 hour per response, including the time for reviewing the instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

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