No. 7300094

THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Gold Kist, Incorporated

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 seventeen YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR IMPORTING IT, OR EXPORTING IT, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT. [illegible] THE UNITED STATES SEED OF THIS VARIETY (1) SHALL BE SOLD BY VARIETY NAME ONLY AS [illegible] CLASS OF CERTIFIED SEED AND (2) SHALL CONFORM TO THE NUMBER OF GENERATIONS [illegible]IFIED BY THE OWNER OF THE RIGHTS. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

PEANUT

'GK-3'

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, DC *this* first *day of* June *in the year of our Lord one thousand nine hundred and* seventy-six

Attest:

Commissioner
Plant Variety Protection Office
Grain Division
Agricultural Marketing Service

Secretary of Agriculture

FORM GR-470
(2-12-71)

UNITED STATES DEPARTMENT OF AGRICULTURE
CONSUMER AND MARKETING SERVICE
GRAIN DIVISION
HYATTSVILLE, MARYLAND 20782

FORM APPROVED
OMB NO. 40-R3712

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE

INSTRUCTIONS: *See Reverse.*

1. VARIETY NAME OR TEMPORARY DESIGNATION G. K. 3 GK-3 12/22/75 letter	2. KIND NAME Temp. designation	FOR OFFICIAL USE ONLY PVPO NUMBER 73094
3. GENUS AND SPECIES NAME Arachis hypogaea	4. FAMILY NAME (*Botanical*) Leguminosae	FILING DATE 5·17·73 / TIME 10 A.M.
	5. DATE OF DETERMINATION September, 1972	FEE RECEIVED $ 750 / CHARGES
6. NAME OF APPLICANT(S) Gold Kist Inc.	7. ADDRESS (*Street and No. or R.F.D. No., City, State, and ZIP Code*) P. O. Box 2210 Atlanta, Georgia 30301	8. TELEPHONE AREA CODE AND NUMBER (404) 237-2251

9. IF THE NAMED APPLICANT IS NOT A PERSON, FORM OF ORGANIZATION: (*Corporation, partnership, association, etc.*) Farm Cooperative	10. STATE OF INCORPORATION Georgia	11. DATE OF INCORPORATION June 29, 1936

12. Name and mailing address of applicant representative(s), if any, to serve in this application and receive all papers:

Dr. J. E. Harvey
Director of Agronomic Research
Gold Kist Seed Research
P. O. Box 644
Ashburn, Georgia 31714
Ph: (912) 567-3311

Dr. J. E. Marion
Director of Research
Gold Kist Research Center
P. O. Box 388
2230 Industrial Blvd.
Lithonia, Georgia 30058
Ph: (404) 482-7466

13. CHECK BOX BELOW FOR EACH ATTACHMENT SUBMITTED:

- [x] 12A. Exhibit A, Origin and Breeding History of the Variety (*See Section 52, P.L. 91-577*)
- [x] 12B. Exhibit B, Botanical Description of the Variety
- [x] 12C. Exhibit C, Objective Description of the Variety
- [x] 12D. Exhibit D, Data Indicative of Novelty
- [x] 12E. Exhibit E, Statement of the Basis of Applicant's Ownership

The applicant declares that a viable sample of basic seed of this variety will be deposited upon request before issuance of a certificate and will be replenished periodically in accordance with such regulations as may be applicable. (*See Section 52, P.L. 91-577*).

14A. 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), P.L. 91-577*) (*If "Yes," answer 14B and 14C below.*) [x] YES [ ] NO

14B. Does the applicant(s) specify that this variety be limited as to number of generations? [x] YES [ ] NO

14C. If "Yes," to 14B, how many generations of production beyond breeder seed? Three

Applicant is informed that false representation herein can jeopardize protection and result in penalties.

The undersigned applicant(s) of this sexually-reproduced novel plant variety believes 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 (P.L. 91-577).

May 1, 1973
(DATE)

(SIGNATURE OF APPLICANT)

(DATE)

(SIGNATURE OF APPLICANT)

FORM APPROVED. OMB NO. 40-R3712

FORM GR-470-29
(6-17-74)

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
GRAIN DIVISION
HYATTSVILLE, MARYLAND 20782

OBJECTIVE DESCRIPTION OF VARIETY
PEANUT (Arachis hypogaea)

NAME OF APPLICANT(S)
Gold Kist Inc.

ADDRESS (Street and No. or R.F.D. No., City, State, and ZIP Code)
P.O. Box 2210, Atlanta, Ga. 30301

VARIETY NAME OR TEMPORARY DESIGNATION
73094

FOR OFFICIAL USE ONLY
PVPO NUMBER
G. K. 3 GK-3
letter 12/22/75

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

1. BOTANICAL TYPE:

[1] Flowering on the Main Stem: 1 = ABSENT 2 = PRESENT

[1] Branching Pattern: 1 = ALTERNATE – Pairs of vegetative & reproductive branches (Virginia) 3 = OTHER (*Specify*) _____
2 = SEQUENTIAL – Continuous reproductive branches (Valencia–Spanish) _____

2. PLANT:

[1] Habit: 1 = PROSTRATE (*Florunner*) 2 = DECUMBENT (*NC–5*) 3 = 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 = S.E. UNITED STATES 3=S.W. UNITED STATES 4=OTHER

[1][4][0] NUMBER OF DAYS TO MATURITY

[0][5] NO. OF DAYS EARLIER THAN . . . . . [4]

[0][5] NO. OF DAYS LATER THAN . . . . . [3]

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:

[2] COLOR AT 60 DAYS: (*Nickerson Color Designation*): 1 = LIGHT GREEN (10Gy 6/9) 2 = MEDIUM GREEN (2.5G 5/9) 3 = DARK GREEN (5G 4/7) 4 = OTHER (*Specify*) _____

[6][3] MM. LEAFLET LENGTH (*Basal leaflet of the youngest fully opened leaf*)

[2.4][2] LEAFLET LENGTH/WIDTH RATIO

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

[4][3] MM. LENGTH

[1][6] MM. DIAMETER

[4][2][7][5] KG./HA. POD YIELD *

[ ][ ][ ] % LESS THAN . . . . . [ ]

[0][0][9] % MORE THAN . . . . . [3]

1 = STARR 2 = FLORUNNER 3 = FLORIGIANT
4 = VIRGINIA 61R 5 = NC - 2
6 = NC - 5 7 = SOUTHEASTERN RUNNER 56-15
8 = OTHER (*Specify*) _____

[8][9] % FANCY SIZE: (*% riding 13.46 mm., 34/64 inch, spacing set on presizer roller*)

* Ave of 28 test locations over a period of five year (1970-1974).

73094 G. K. 3, GK-3

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

[2] NUMBER OF SEEDS PER POD: 1 = 1 2 = 2 3 = 3 4 = 3–4 5 = 2–3–4

[2] 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 = VARIGATED 10 = OTHER (*Specify*) _____

[1] COAT SURFACE: 1 = SMOOTH 2 = INDENTED [2] 1 = UNIFORM COLOR 2 = BLEMISHED

[4] 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*) _____

[22] MM. LENGTH [10] MM. WIDTH [93] GRAMS PER 100 SEED (*8% Moisture*)

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

[1] SOUTHERN STEM ROT
[0] EARLY LEAF SPOT
[1] SOUTHERN LEAF SPOT
[0] POD ROT COMPLEX
[0] RUST
[0] VIRUS X
[0] MOSAIC
[1] OTHER (*Specify*) CBR (Cylindrocladium black rot)

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

[1] THRIPS
[1] LEAF HOPPER
[1] SOUTHERN CORN ROOTWORM
[0] APHID
[0] BURROWING BUG
[0] NEMATODE (*Specify species*)
[1] LESSER CORNSTALK BORER
[ ] OTHER (*Specify*) _____

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

VARIETY	OIL* (%)	PROTEIN* (%)	OLEIC: * LINOLEIC ACID RATIO	IODINE* NUMBER	SHELLING (%)	SMK** (%)	ELK+ (%)	MAIN STEM HEIGHT (CM)
SUBMITTED	50.6	59.0 *	2.20	88.2	74	74	32	53
~~Florigiant~~ SIMILAR	52.9	63.6	1.89	91.9	75	75	24	45
NAME OF SIMILAR VARIETY	Florigiant							

* *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	Florigiant	SEEDLING VIGOR	Florigiant
SEED DORMANCY	Florunner	HULL THICKNESS	NC-5
SEED SIZE	Va 72R	LEAF COLOR	NC-2

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

* on meal basis after extration of oil / phone 3/12/76

Rec 10/6/75

G. K. 3

INTRODUCTION

G. K. 3 is a new Virginia type peanut that appears to be superior to all commonly grown Virginia type varieties in yield of pods per acre. The variety also has an improved pod shape and improved uniformity. Preleminary laboratory tests of peanuts grown in Georgia indicate that the variety is suitable for all uses of the commercial Virginia type peanuts. In addition, due to a somewhat tougher hull, there is a possibility that it could be more resistant to infection from toxin producing molds thereby producing a higher quality peanut for the trade.

EXHIBIT A: ORIGIN AND BREEDING HISTORY OF THE VARIETY

G. K. 3 was developed by continuous selection for Virginia type pods in progenies from an intervarietal cross between F416 and F392 both of which are Florida breeding lines developed by W. A. Carver. F416 is a very productive, small podded Virginia type peanut with a spreading habit of plant growth. When planted in Georgia it matures in 130 to 140 days. Pods of F416 are tough. The F392 parent was released by the University of Florida as the Florigiant variety which for the last several years has been the

most widely grown Virginia variety in the United States. Florigiant is a productive variety with desirable pod shape and quality.

The initial cross was made in 1963 at the Gold Kist Research Farm using F392 as the pollen parent. Rigorous selection was practiced on the F_2 to F_5 progenies for productivity, commercial Virginia type pods and seeds and for uniformity in size and shape of both pods and seeds. Final selection and evaluation was made in the Gold Kist strain testing program.

EXHIBITS B AND C: BOTANICAL AND OBJECTIVE DESCRIPTION OF THE VARIETY

G. K. 3 is a high-yielding Virginia-type peanut with large seed and a spreading habit of growth. It matures in approximately 135 days in Georgia when planted between April 15, and May 15. The foliage is dense with a characteristic light green color, lighter than the commonly grown Florigiant variety. G. K. 3 pods are larger than those of Florigiant with a more desirable shape. Compared with Florigiant, they lack the undesirable smaller pods that are found in Florigiant. Seeds of G. K. 3 are larger than those of Florigiant (Table 1).

G. K. 3 having a typical spreading habit of growth is suitable for mechanical harvesting.

EXHIBIT A.

Field observations were made during the 1975 growing season for variants or off-type plants. The only variants observed were an occasional sterile plant and these occured at a frequency of less than 1 per 5,000 plants. These variants were a darker green color than the normal GK-3 plants. There was no segregation for such characteristics as pod shape, pod size and plant type.

EXHIBIT D.

GK-3, with a typical Virginia type fruiting pattern, that is pairs of vegetative and reproductive branches, is a high yielding Virginia type peanut with large seed and a spreading habit of growth.

GK-3 has uniformly larger fruit and seed sizes than Florigiant and this contributes to slightly lower percentages of sound mature kernels (Table 1). Florigiant seed has a smoother seed coat than GK-3 and will probably blach easier than the GK-3 variety. Blanching data is not available on GK-3 at this time. Mature seed of GK-3 has a characteristic freckling on the seed coat which is absent on Florigiant.

Though the GK-3 variety has a spreading habit of plant growth it is not as prostrate as Florigiant and Florunner.

The GK-3 variety grows with more vigor than Florigiant and produces a somewhat larger plant. The mainstem of GK-3 is an average of 8 cm higher than that of Florigiant at 110 days of age.

The leaflet color of GK-3 is a slightly lighter green than those of Florigiant and much lighter than those of Florunner.

In tests in Virginia, GK-3 is 5 to 10 days later maturing than Florigiant. In tests in Georgia and Florida, GK-3 is comparable in maturity to Florigiant.

GK-3 has consistently performed better than the commercial cultivar Florigiant in tests at all locations from 1970 to 1974. This increased yield can be attributed in part to the fact that GK-3 has a wider fruiting area. The variety fruits further out on the limbs than the Florigiant variety. Also, part of the yield increase comes from the fruit being larger. Fruit of GK-3 are not concentrated as closely around the tap-root as are those of Florigiant. In 1971, GK-3 yielded slightly less than the Florigiant check variety in the Suffolk, Virginia tests. However, from 1972 through 1974, GK-3 performed well in the Virginia tests (Table 2).

Data in Table 3 shows that GK-3 has slightly lower percentages of protein and crude fat than Floriginat. However, the oil quality of GK-3 can be considered superior to that of Florigiant due to its lower iodine value which reflects a lower percentage of linoleic acid and longer shelf life for the end products. The O/L ratio for GK-3 is somewhat higher than that of Florigiant. Results of chemical analysis concerning Niacin content will be forwarded when they are received for laboratory conducting the analysis.

Data in Table 4 indicates GK-3 compares favorably with Florigiant in flavor evaluation studies.

Peanut - 'G.K. 3' PV # 7300094

Exhibit D:

'G.K. 3' most closely resembles 'Florigiant' except 'G.K. 3' has more uniformly larger fruit (40 mm. vs. 35 mm. long), larger seeds (90 vs. 86 grs/100 seeds), rougher seedcoat, freckled vs. nonfreckled seedcoat, plant habit is less prostrate, main stem is 8 cm. taller at 110 days of age (57 cm. vs. 49 cm.), and in Virginia is 5 to 10 days later in maturing, and has lighter green leaves than 'Florigiant.' Yield is greater than 'Florigiant' which is attributed in part to fruits occurring further out on the limbs and larger fruits. Oil quality of 'G.K. 3' exceeds 'Florigiant' based on lower Iodine No. (88.2 vs. 91.9) and higher O/L ratio (2.20 vs. 1.89).

J. E. Harvey Jr.

Table 1. Comparison of pod length of GK-3 and Florigiant grown on the Gold Kist Research Farm in 1975. Measurements in mm. Average of 20 mature pods/replication.

ENTRY	RI	RII	RIII	RIV	AVERAGE
GK-3	40.0	40.0	40.0	40.0	40.0
Florigiant	35.0	35.0	34.0	36.0	35.0

LSD (P=.05) .82
CV = 1%

Table 2. Comparison of seed length of GK-3 and Florigiant grown on the Gold Kist Research Farm in 1975. Measurements in mm. Average of 20 mature seed/replication.

ENTRY	RI	RII	RIII	RIV	AVERAGE
GK-3	18.0	19.0	19.0	19.0	18.8
Florigiant	17.0	18.0	17.0	17.0	17.3

LSD (P=.05) .95
CV = 2%

Table 3. Comparison of seed width of GK-3 and Florigiant grown on the Gold Kist Research Farm in 1975. Measurements in mm. Average of 20 mature seed/replication.

ENTRY	RI	RII	RIII	RIV	AVERAGE
GK-3	9.0	9.0	10.0	10.0	9.5
Florigiant	9.0	9.0	9.0	9.0	9.0

LSD (P=.05) .85
CV = 4%

Table 4. Comparison of mainstem height of GK-3 and Florigiant grown on the Gold Kist Research Farm, Ashburn, Ga. 1975. Twenty measurements taken at random from the 1975 breeder seed increase. Measurements in cm.

GK-3	FLORIGIANT
44	46
61	51
58	50
57	49
57	53
61	51
62	47
58	45
50	46
59	51
58	50
57	57
62	49
56	47
59	45
55	53
53	44
58	48
59	52
59	46
57	49

EXHIBIT D: DATA INDICATIVE OF NOVELTY

In advanced yield trials conducted on the Gold Kist Research farm and at various other locations throughout the Virginia peanut producing area for the 1970-72 seasons, G. K. 3 outyielded the standard Florigiant variety by an average of 12% in 1970, 5% in 1971, and 12% in 1972.

G. K. 3 consistently outyielded Florigiant in all tests at all locations in 1970 and 1972. In 1971, G. K. 3 yielded slightly less than the Florigiant check variety in the Suffolk, Virginia tests. In 1972, G. K. 3 performed well in the Virginia tests (Table 2).

Grade data are summarized in Table 3. The total sound mature kernel content of G. K. 3 was slightly less than that of the Florigiant variety. However, G. K. 3 grossed an average of 51.11 more per acre than the commercial cultivar Florigiant for the 1970-72 crop years.

Data in Table 4 show that the Protein and Crude Fat content of G. K. 3 is less than that of Florigiant. G. K. 3 has a considerably lower iodine value and L/O ratio than Florigiant, which would indicate a longer keeping quality for the oil.

Data shown in Table 5 indicates that the processing and quality

characteristics of G. K. 3 are essentially the same as for the Florigiant check variety.

Table 1. Comparison of seed size for G. K. 3 and Florigiant peanut varieties grown on the Gold Kist Research Farm, Ashburn, Georgia, 1972.

VARIETY	SEED COUNT/LB.
Florigiant	525
G. K. 3	505

Table 2. Comparison of yield data for G. K. 3 and Florigiant peanut varieties grown at various locations in 1970 through 1972.

YEAR	LOCATION	YIELD G.K. 3	YIELD Florigiant	G. K. 3 INCREASE OVER FLORIGIANT
1970	Graceville, Fla.	2231.24	1808.95	422.29
	Ashburn, Ga.	4750.46	4312.44	438.02
1971	Graceville, Fla.	2836.24	2094.51	741.73
	Ashburn, Ga.	3486.01	3464.23	21.78
	Statesboro, Ga.	4083.75	3645.73	438.02
	Suffolk, Va.			
	1st. Location	4479.42	4583.48	-104.06
	2nd. Location	3298.46	3402.52	-104.06
1972	Graceville, Fla.	3084.10	2627.60	456.50
	Ashburn, Ga.	2550.70	2543.00	7.70
	Statesboro, Ga.	4910.70	4407.30	503.40
	Suffolk, Va.			
	1st. Location	4730.60	4181.80	548.80
	2nd. Location	3158.10	2419.00	739.10

Table 3. Grades and values for G. K. 3 and Florigiant peanut varieties grown on the Gold Kist Research Farm, Ashburn, Ga., 1972.

VARIETY	FANCY %	ELK %	SMK %	SS %	TSK %	OK %	$VALUE TON
G. K. 3	39	32	74	0	74	2	302.09
Florigiant	34	24	75	0	75	2	303.25

Table 4. Quality characteristics for G. K. 3 and Florigiant peanut varieties grown on the Gold Kist Research Farm, Ashburn, Georgia, 1972.

QUALITY FACTOR	G. K. 3	FLORIGIANT
Protein content[1]	59.0	63.6
Crude Fat[1]	50.6	52.9
I_2 Value[2]	88.2	91.9
L/O[3]	.45	.53
Constituent Fatty Acids of the Oil		
Palmitic, 16:0	10.40	9.74
Stearic, 18:0	4.62	3.46
Oleic, 18:1	53.1	51.3
Linoleic, 18:2	24.1	27.1
Arachidic, 20:0	2.17	1.83
Eicosenoic, 20:1	1.12	1.20
Behenic, 22:0	3.10	3.43
Lignoceric, 24:0	1.44	1.99

[1] All values on moisture free basis
[2] Wijs procedure
[3] % Linoleic / % Oleic acid

The data presented here were comiled by J. L. Ayres, Food Scientist, Gold Kist Research Center, Lithonia, Georgia.

Table 5. Processing and quality evaluation for G. K. 3 and Florigiant peanut varieties grown on the Gold Kist Research Farm, Ashburn, Georgia, 1972.

QUALITY FACTOR	G. K. 3	FLORIGIANT
Peanut Butter:		
Appearance	5.9	6.0
Color	5.4	6.0
Texture	5.9	6.2
Aroma	5.9	5.5
Flavor	5.9	5.1
Total	29.0	28.8

(Hedonic scale, 9-1)

The data presented here were compiled by J. L. Ayres, Food Scientist, Gold Kist Research Center, Lithonia, Georgia.

EXHIBIT E: STATEMENT OF THE BASIS OF APPLICANTS OWNERSHIP

Gold Kist Inc., one of the larger farm cooperatives, being heavily peanut oriented, and having peanut marketing facilities in all three major peanut producing areas in the United States, made a decision in 1964, to initiate its own peanut research program.

The Gold Kist peanut variety improvement program was begun in 1964, under the direction of Dr. W. A. Carver with headquarters in Graceville, Fla. Upon Dr. Carver's retirement in 1967, the research program was transferred to Ashburn, Georgia where it is presently located, and the writer was employed to continue the program. When the program was initiated, the general objective was to engage in research which would directly or indirectly result in improved peanut varieties which would be acceptable to all segments of the industry from the grower to the consumer. Working toward this objective, the hybridization and pedigree selection method of plant breeding has been used. From this program G. K. 3 has been developed and Gold Kist is the owner of this variety. The author is a plant breeder employed by Gold Kist.

ASSIGNMENT

WHEREAS, GOLD KIST INC., a cooperative marketing association organized under the Georgia Cooperative Marketing Act with principal offices at 244 Perimeter Center Parkway, N.E., Atlanta, Georgia 30346, hereinafter referred to as the ASSIGNOR, has been granted Plant Variety Protection Certificate #7300094, (hereinafter referred to as the "Certificate"), which Certificate covers the peanut seed variety known as "GK-3";

AND WHEREAS, AGRATECH SEEDS INC., a corporation organized under the laws of the State of Georgia with principal offices at 244 Perimeter Center Parkway, N.E., Atlanta, Georgia 30346, hereinafter referred to as the ASSIGNEE, is desirous of acquiring the entire right, title, and interest in and to said Certificate, including any continuations thereof, in the United States and thoughout the world, including any and all renewals, reissues, and prolongations thereof.

NOW, THIS WITNESSETH that for and in consideration of One Dollar ($1.00) and other good and valuable consideration, the receipt whereof is hereby acknowledged, said ASSIGNOR hereby assigns, sells and transfers to said ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title, and interest in and to said Certificate, including any and all continuations thereof, including any and all renewals, reissues, and prolongations thereof, with all the rights, powers, privileges, and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such certificate when granted.

AND said ASSIGNOR authorizes and requests the Secretary of Agriculture to record this Assignment with the Plant Variety Protection Office.

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNOR, this 1st day of June, 1984, at Atlanta, Georgia.

GOLD KIST INC.

By: Jere E. Freeman

Title: Vice President

Subscribed and sworn to before me this 1st day of June, 1984.

K. M. Corpanck
Notary Public

Notary Public, Georgia State at Large
My Commission Expires May 11, 1985

My commission expires: