No. 9800162

THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

D&PL Technology Holding Corp.

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.)

SOYBEAN

'DP 7731'

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 April, in the year two thousand three.

Attest:

Commissioner
Plant Variety Protection Office
Agricultural Marketing Service

Secretary of Agriculture

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 (5U.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
D&PL Technology Holding Corp.

2. TEMPORARY DESIGNATION OR EXPERIMENTAL NAME
92-28531
DPX 8S75

3. VARIETY NAME
DP 7731

4. ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP Code, and Country)
PO Box 157
100 Main Street
Scott, Mississippi 38772
USA

5. TELEPHONE (include area code)
(662) 742-4141

6. FAX (include area code)
(662) 742-3182

PVPO NUMBER
9800162

FILING DATE
3/16/1998

7. IF THE OWNER 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
February 29, 1996

10. NAME AND ADDRESS OF OWNER REPRESENTATIVE(S) TO SERVE IN THIS APPLICATION. (First person listed will receive all papers)
Delta and Pine Land Company
Kelly Casavechia
P.O. Box 157
Scott, MS 38772

FILING AND EXAMINATION FEE: $ 2,450.00
DATE 3/16/1998

CERTIFICATION FEE: $ 320.00
DATE 11/22/02

11. TELEPHONE (include area code)
(662) 742-4141

12. FAX (include area code)
(662) 742-3182

13. E_MAIL
kelly.h.casavechia@deltaandpine.com

14. CROP KIND (Common Name)
Soybean

15. GENUS AND SPECIES NAME OF CROP
Glycine Max

16. FAMILY NAME (Botanical)
Leguminosae

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 the 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 VATIETY 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 - As of date of original application 2/20/98
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, 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
William V. Hugie

NAME (Please print or type)
William V. Hugie

CAPACITY OR TITLE
Vice President/Director of Research

DATE
10/14/02

SIGNATURE OF OWNER

NAME (Please print or type)

CAPACITY OR TITLE

DATE

S&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)

EXHIBIT A

~~DELTAPINE SEED~~'S APPLICATION FOR 'DP 7731' (DPX 8S75) (BT: 10/27/2002)
D&PL Technology Holding Corp.'s (BT: 10/27/2002)

ORIGIN AND BREEDING HISTORY

Summer	1990	Cross 90235 was made between DP 415 and a selection for Coker 368 x A7986
Winter	1990-91	F_1 advanced to F_2 under lights in Costa Rica
Summer-Fall	1991	F_2 advanced to F_4 (2 generations) by bulk pod method in Costa Rica
Spring	1992	F_4 plants pulled from cross 90235 and threshed individually
Summer	1992	F_5 plant rows were grown in Scott, MS from cross 90235. Row 92-28531 was bulk harvested and determined to be breeding true for characteristics listed in exhibit C of this application. There were no known variants
	1993	Line 92-28531 was tested at 2 locations in preliminary tests in the Southeast
	1994-1996	Line 92-28531 grown in 21 advanced tests across the deep South and Southeast. Line 92-28531 designated as DPX 9775. Breeder seed increased to 66 bushels
	1997	DPX 9775 tested in State Experiment tests and increased further
	1998	DPX 9775 designated as DPX 8S75 and will be tested as such in State Experimental Station tests and increased further. (DPX 8S75 later designated as 'DP 7731' (BT: 10/27/2002 per applicant's updated SF-470 application form)

EXHIBIT B

D&PL Technology Holding Corp.
~~DELTAPINE~~ SEED'S APPLICATION FOR DPX 8S75
(BT: 10/17/2002)

NOVELTY STATEMENT

To our knowledge, ~~DPX 8S75~~ 'DP 7731' most resembles Coker 6847. Differences include but are not restricted to the following:

1) ~~DPX 8S75~~ 'DP 7731' (BT: 10/17/2002) is moderately susceptible to common root knot nematodes whereas Coker 6847 is resistant.
2) ~~DPX 8S75~~ 'DP 7731' is resistant to frogeye leafspot and Coker 6847 is susceptible. (BT: 10/17/2002)

Form Approved: OMB NO. 0581-0056

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE

EXHIBIT C
(Soybean)

PLANT VARIETY PROTECTION OFFICE
BELTSVILLE, MARYLAND 20705

OBJECTIVE DESCRIPTION OF VARIETY
SOYBEAN (Glycine max L.)

NAME OF APPLICANT(S)	TEMPORARY DESIGNATION	VARIETY NAME
~~DELTAPINE SEED~~ D&PL Technology Holding Corp. (BT: 10/17/2002)	92-28531 DPX 8S75	'DP 7731' (BT: 10/17/2002)

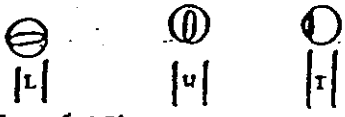
ADDRESS (Street and No., or R.F.D. No., City, State, and Zip Code)
100 MAIN STREET, P.O. BOX 157
SCOTT, MS 38772

FOR OFFICIAL USE ONLY
PVPO NUMBER
9800162

Choose the appropriate response which characterizes the variety in the features described below. When the number of significant digits in your answer is fewer than the number of boxes provided, place a zero in the first box when number is 9 or less (e.g., [0][9]). Starred characters ★ are considered fundamental to an adequate soybean variety description. Other characters should be described when information is available.

1. SEED SHAPE:

[2]



1 = Spherical (L/W, L/T, and T/W ratios = < 1.2)
2 = Spherical Flattened (L/W ratio > 1.2; L/T ratio = < 1.2)
3 = Elongate (L/T ratio > 1.2; T/W = < 1.2)
4 = Elongate Flattened (L/T ratio > 1.2; T/W > 1.2)

★ 2. SEED COAT COLOR: (Mature Seed)

[1] 1 = Yellow 2 = Green 3 = Brown 4 = Black 5 = Other (Specify) _____

3. SEED COAT LUSTER: (Mature Hand Shelled Seed)

[2] 1 = Dull ('Corsoy 79'; 'Braxton') 2 = Shiny ('Nebsoy'; 'Gasoy 17')

★ 4. SEED SIZE: (Mature Seed)

[1][5] Grams per 100 seeds

★ 5. HILUM COLOR: (Mature Seed)

[1] 1 = Buff 2 = Yellow 3 = Brown 4 = Gray 5 = Imperfect Black 6 = Black 7 = Other (Specify) _____

★ 6. COTYLEDON COLOR: (Mature Seed)

[1] 1 = Yellow 2 = Green

★ 7. SEED PROTEIN PEROXIDASE ACTIVITY:

[0] 1 = Low 2 = High

★ 8. SEED PROTEIN ELECTROPHORETIC BAND:

[0] 1 = Type A ($SP1^a$) 2 = Type B ($SP1^b$)

★ 9. HYPOCOTYL COLOR:

[1] 1 = Green only ('Evans'; 'Davis')
2 = Green with bronze band below cotyledons ('Woodworth'; 'Tracy')
3 = Light Purple below cotyledons ('Beeson'; 'Pickett 71')
4 = Dark Purple extending to unifoliate leaves ('Hodgson'; 'Coker Hampton 266A')

★ 10. LEAFLET SHAPE:

[3] 1 = Lanceolate 2 = Oval 3 = Ovate 4 = Other (Specify) _____

11. LEAFLET SIZE:

2 [1] 1 = Small ('Amsoy 71'; 'A5312') 2 = Medium ('Corsoy 79'; 'Gasoy 17')
3 = Large ('Crawford'; 'Tracy')

BT: 10/17/2002

12. LEAF COLOR:

[3] 1 = Light Green ('Webee'; 'York') 2 = Medium Green ('Corsoy 79'; 'Braxton')
3 = Dark Green ('Gnome'; 'Tracy')

★ 13. FLOWER COLOR:

[1] 1 = White 2 = Purple 3 = White with purple throat

★ 14. POD COLOR:

[1] 1 = Tan 2 = Brown 3 = Black

★ 15. PLANT PUBESCENCE COLOR:

[1] 1 = Gray 2 = Brown (Tawny)

16. PLANT TYPES:

[2] 1 = Slender ('Essex'; 'Amsoy 71') 2 = Intermediate ('Amcor'; 'Braxton')
3 = Bushy ('Gnome'; 'Govan')

★ 17. PLANT HABIT:

[1] 1 = Determinate ('Gnome'; 'Braxton') 2 = Semi-Determinate ('Will')
3 = Indeterminate ('Nebsoy'; 'Improved Pelican')

★ 18. MATURITY GROUP:

[1][0] 1 = 000 2 = 00 3 = 0 4 = I 5 = II 6 = III 7 = IV 8 = V
9 = VI 10 = VII 11 = VIII 12 = IX 13 = X

★ 19. DISEASE REACTION: (Enter 0 = Not Tested; 1 = Susceptible; 2 = Resistant)

BACTERIAL DISEASES:

★ [2] Bacterial Pustule *(Xanthomonas phaseoli* var. *sojensis)*

★ [0] Bacterial Blight *(Pseudomonas glycinea)*

★ [0] Wildfire *(Pseudomonas tabaci)*

FUNGAL DISEASES:

★ [0] Brown Spot *(Septoria glycines)*

Frogeye Leaf Spot *(Cercospora sojina)*

★ [ ] Race 1 [ ] Race 2 [ ] Race 3 [ ] Race 4 [ ] Race 5 [2] Other *(Specify)* RACES UNKNOWN

[2] Target Spot *(Corynespora cassiicola)*

[0] Downy Mildew *(Peronospora trifoliorum* var. *manshurica)*

[0] Powdery Mildew *(Microsphaera diffusa)*

★ [0] Brown Stem Rot *(Cephalosporium gregatum)*

[2] Stem Canker *(Diaporthe phaseolorum* var. *caulivora)*

19. DISEASE REACTION: (Enter 0 = Not Tested; 1 = Susceptible; 2 = Resistant) (Continued)

9800162

FUNGAL DISEASES: (Continued)

★ [0] Pod and Stem Blight *(Diaporthe phaseolorum var. sojae)*

[0] Purple Seed Stain *(Cercospora kikuchii)*

[0] Rhizoctonia Root Rot *(Rhizoctonia solani)*

Phytophthora Rot *(Phytophthora megasperma var. sojae)*

★ [1] Race 1 [ ] Race 2 [ ] Race 3 [ ] Race 4 [ ] Race 5 [ ] Race 6 [ ] Race 7

[ ] Race 8 [ ] Race 9 [ ] Other *(Specify)* _____

VIRAL DISEASES:

[0] Bud Blight (Tobacco Ringspot Virus)

[0] Yellow Mosaic (Bean Yellow Mosaic Virus)

★ [0] Cowpea Mosaic (Cowpea Chlorotic Virus)

[2] Pod Mottle (Bean Pod Mottle Virus)

★ [2] Seed Mottle (Soybean Mosaic Virus)

NEMATODE DISEASES:

Soybean Cyst Nematode *(Heterodera glycines)*

★ [0] Race 1 [0] Race 2 [2] Race 3 [0] Race 4 [1] Other *(Specify)* RACE 14

[0] Lance Nematode *(Hoplolaimus Colombus)*

★ [1] Southern Root Knot Nematode *(Meloidogyne incognita)*

★ [0] Northern Root Knot Nematode *(Meloidogyne Hapla)*

[1] Peanut Root Knot Nematode *(Meloidogyne arenaria)*

[0] Reniform Nematode *(Rotylenchulus reniformis)*

[0] OTHER DISEASE NOT ON FORM *(Specify)*: _____

20. PHYSIOLOGICAL RESPONSES: (Enter 0 = Not Tested; 1 = Susceptible; 2 = Resistant)

★ [0] Iron Chlorosis on Calcareous Soil

[ ] Other *(Specify)* _____

21. INSECT REACTION: (Enter 0 = Not Tested; 1 = Susceptible; 2 = Resistant)

[0] Mexican Bean Beetle *(Epilachna varivestis)*

[2] Potato Leaf Hopper *(Empoasca fabae)*

[0] Other *(Specify)* _____

22. INDICATE WHICH VARIETY MOST CLOSELY RESEMBLES THAT SUBMITTED.

CHARACTER	NAME OF VARIETY	CHARACTER	NAME OF VARIETY
Plant Shape	COKER 6847	Seed Coat Luster	DP 3681
Leaf Shape	DP 415	Seed Size	DP 415
Leaf Color	DP 415	Seed Shape	DP 415
Leaf Size	DP 415	Seedling Pigmentation	COKER 6847

23. GIVE DATA FOR SUBMITTED AND SIMILAR STANDARD VARIETY: Paired Comparison Data

VARIETY	NO. OF DAYS MATURITY	PLANT LODGING SCORE	CM PLANT HEIGHT	LEAFLET SIZE		SEED CONTENT		SEED SIZE G/100 SEEDS	NO. SEEDS/ POD
				CM Width	CM Length	% Protein	% Oil		
DPX 8S75 Submitted	151	2.3	79			37.2	17.4	15.0	
COKER 6847 Name of Similar Variety	152	1.8	81			37.1	17.8	14.2	

PUBLICATIONS USEFUL AS REFERENCE AIDS FOR COMPLETING THIS FORM:

1. Caldwell, B.E., ed. 1973. Soybeans: Improvement, Production, and Uses. Amer. Soc. Agron. Monograph No. 16.

2. Buttery, B.R. and R.I. Buzzell. 1968. Peroxidase activity in seeds of soybean varieties. Crop Sci., 8: 722-725.

3. Hymowitz, T. 1973. Electrophoretic analysis of SBTI-A_2 in the USDA soybean germplasm collection. Crop Sci., 13: 420-421.

4. Payne, R.C. and L.F. Morris. 1976. Differentiation of soybean cultivars by seedling pigmentation patterns. J. Seed Technol. 1: 1-19.

EXHIBIT D

D&PL Technology Holding Co.'s ~~DELTAPINE SEED'S~~ APPLICATION FOR 'DP 7731' ~~DPX 8S75~~
(BT: 10/17/2002) (BT: 10/17/2002)

ADDITIONAL DESCRIPTION OF VARIETY

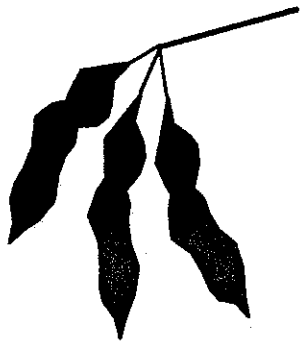
'DP 7731' ~~DPX 8S75~~ (BT: 10/17/2002) is a mid group VII selected from an F_4 plant and composited in the F_5 from the cross of DP 415 x (Coker 368 x A7986). It has white flowers, gray pubescence and tan pods. Seeds average 3000 per pound and are shiny yellow with buff hila. ~~DPX 8S75~~ 'DP 7731' (BT: 10/17/2002) is resistant to stem canker, frogeye leafspot, aerial blight, soybean mosaic virus, and race 3 of soybean cyst nematode. It is moderately susceptible to common root knot and peanut root knot nematode.

SOYBEAN PRODUCT NOMINATION FORM

Suggested Nominee Number: ~~**DPX 9775**~~ DP 7731 (BT: 10/17/2002)

Experimental Designations: 92-28531 Key #5268

Submitted by: Grover Shannon and Gus Dunlap



Date Submitted: January 1, 1997

Parentage: DP 415 x (COKER 368 x A7986) Cross 90-235

Maturity: Mid-Group VII RM 7.5

Data Collected from 21 Replicated Yield Tests.

I. Plant & Seed Characteristics:

Flower Color:	White
Pubescence Color:	Gray
Hilum Color:	Buff
Pod Wall Color:	Tan
Seed Coat Luster:	Shiny
Leaf Shape:	Ovate
Plant Type:	Determinate

DP 7731

PRODUCT SUMMARY SHEET

KEY FEATURES

Excellent yield potential
Excellent adaptability to both Midsouth and Southeast
Moderately resistant to race 3 SCN
Resistant to stem canker
Very good standability and appearance

PRODUCT DESCRIPTION

Trait	Phenotype
Relative maturity	7.5
Roundup Ready™	No
STS®	No
Flower color	White
Pubescence color	Grey
Hilum color	Buff
Podwall color	Tan
Seed size	2600 seeds/pound
Seed protein	39.1
Seed oil	17.3
Peroxidase reaction	Negative
Seedcoat luster	Shiny
Hypocotyl color	Green
Seed shape	Spherical flattened
Leaflet size	Medium
Leaflet color	Medium green
Canopy	Closed
Growth habit	Determinate
SCN race 3	Moderately resistant
SCN race 14	Susceptible
Common root knot	Susceptible
Peanut root knot	Susceptible
Javanese root knot	Untested
Lance nematode	Untested
Frogeye leafspot	Moderately resistant
Sudden death	Untested
Stem canker	Resistant
Phytophthora root rot	Untested
Red crown rot	Untested
Chloride tolerance	Untested

BREEDER'S SUBJECTIVE RATINGS

Field emergence	Excellent
Early vigor	Excellent
Narrow rows	Good
Wide rows	Excellent
No-till	Excellent
Late planting	Excellent
Poorly-drained soils	Good
Shatter resistance	Excellent

PRODUCT IDENTITY

Line selected by:	Dr. Grover Shannon
Suggested name:	DP 7731
Former designation:	DPX 9875,DPX 9775, 92-28531
Pedigree:	DPL415*(Co368*A7986)
Areas of adaptation:	Midsouth and Southeast
Replace:	DP 3733, DP417
Complement:	DP 6880 RR, DP 7375 RR
Main competition:	COOK, S75-55
Most similar line:	P9831

DP415 (BT: 10/13/2002)

YIELD HISTORY

Outyielded DP 3733 by 28% in 21 trials over three years
Outyielded COOK by 6% in 26 trials over four years

KNOWN WEAKNESSES

Susceptible to root knot nematodes
Not Roundup Ready™

SEED STOCK STATUS

450 units of Foundation seed are available.

ADDITIONAL DESCRIPTION

Offtypes of each of the following traits may be exhibited in up to 1% of the plants of this variety: flower color, pubescence color and hila color.

<DPX 9875> ('DP 7731') (CGT: 10/17/2002)

PRODUCT PERFORMANCE

Combined data, all locations, 1994 - 1996:

	YIELD		MAT	HGT	LDG
	bu/ac	%3733			
PX 9875	**55.0**	**128**	**+1**	**31**	**2.3**
DP 3733	43.1	100	0	28	1.4
DPL417	38.1	97	+5	39	3.0
Locations	21		10	21	21

Midsouth data

Midsouth, all locations

	YIELD	
	bu/ac	%3733
DPX 9875	**57.4**	**140**
DP3733	41.0	100
DPL 417	38.1	93
Locations	12	

Midsouth, by state:

	Mean	AR	MS	LA
	bu/ac	--------- bu/ac ---------		
DPX 9875	**57.4**	**39.0**	**62.0**	**59.7**
DP 3733	41.0	35.3	38.3	47.8
DPL417	38.1	29.4	41.5	37.3
Locations	12	2	6	4

DPX 9875

PRODUCT PERFORMANCE

Southeast data:

Southeast, all locations:

	YIELD	
	bu/ac	%3733
DPX 9875	**51.9**	**113**
DP 3733	46.0	100
DPL417	47.1	102
Locations	9	

Southeast, by state:

	Mean bu/ac	NC	SC	GA
		--------- bu/ac		--------
DPX 9875	**51.9**	**46.3**	**49.7**	**63.0**
DP 3733	46.0	53.2	41.2	50.9
DPL417	47.1	42.7	50.8	42.5
Locations	9	2	5	2

DPX 9875

PRODUCT PERFORMANCE

Combined data, all locations, 1994 - 1997:

	YIELD		MAT	HGT	LDG
	bu/ac	%3733			
DPX 9875	**52.2**	**106**	**-4**	**30**	**2.3**
COOK	49.4	100	0	33	2.4
Locations	26		12	25	25

Midsouth data

Midsouth, all locations

	YIELD	
	bu/ac	%3733
DPX 9875	**53.4**	**110**
COOK	48.7	100
Locations	12	

Midsouth, by state:

	Mean	AR	MS	LA
	bu/ac	-------- bu/ac --------		
DPX 9875	**53.4**	**39.0**	**62.3**	**60.4**
COOK	48.7	33.1	50.0	52.8
Locations	15	2	8	5

Southeast data:

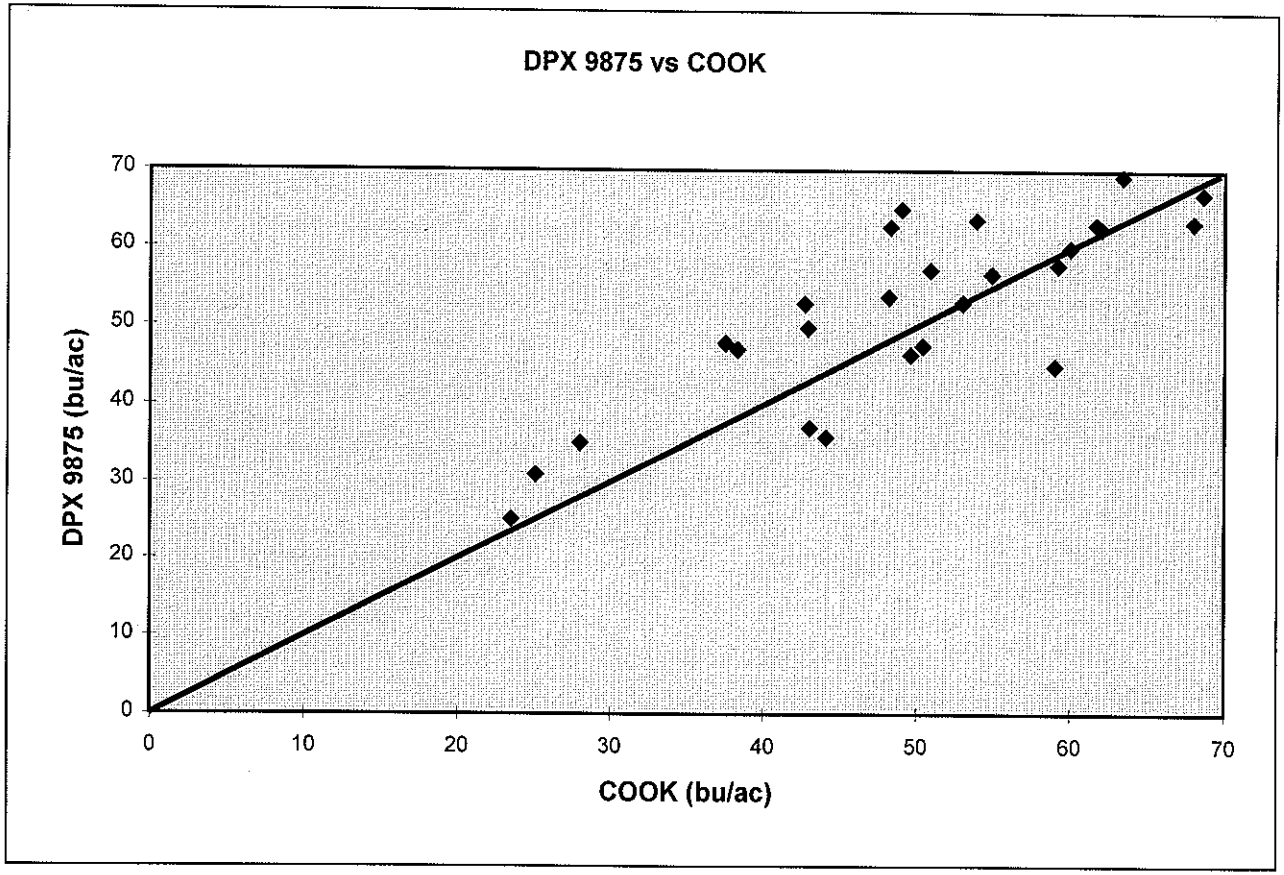
Southeast, all locations:

	YIELD	
	bu/ac	%COOK
DPX 9875	**50.6**	**100**
COOK	50.6	100
Locations	11	

Southeast, by state:

	Mean	NC	SC	GA
	bu/ac	--------- bu/ac --------		
DPX 9875	**50.6**	**46.3**	**48.2**	**63.0**
COOK	50.6	54.7	46.8	60.0
Locations	11	2	7	2

DPX 9875 ('DP 7731') (BT: 10/17/2002)
PRODUCT PERFORMANCE



This scattergram depicts the head-to-head performance of DPX 9875 ('DP 7731') (BT: 10/17/2002) compared to COOK. In 26 trials conducted from 1994 to 1997, 15 in the Midsouth and 11 in the Southeast, DPX 9875 ('DP 7731') (BT: 10/17/2002) outyielded COOK 16 times.

29103086

DPX 9875

DISEASE REACTION DOCUMENTATION

Soybean Cyst Nematode (*Heterodera glycines*)

Data from Dr. Lawrence Young, USDA, Jackson, Tennessee 1997

Line	Race 3 Score	Race 14 Score
DPX 9875	**1.3**	**3.7***
HUTCHESON	4.9	4.7
CENTENNIAL	1.2	4.3
BEDFORD	1.0	1.6
HARTWIG	1.0	1.0

Scale: 1= 0 to 5 females/plant, 2= 6 to 10, 3= 11 to 20, 4 = 21-40, 5 = more than 40 females/plant
* Single plant data suggest that DPX 9875 RR is segregating for resistance to race 14

Root Knot Nematode (*Meloidogyne incognita* and *M. arenaria*)

Data from Dr. Robert Kinloch, Univ. of Florida, Jay, Florida 1997

Line	*M.I.* Score	*M.A.* Score
DPX 9875	**3.5**	**4.0**
DAVIS	3.0	4.5
S65-50	1.0	3.0

Scale: 1=no galling, 5=very severe galling

Stem Canker (*Diaporthe phaseolorum* (Cooke & Ellis) Sacc. f. sp. *meridionalis* (Morgan-Jones)

Data from Dr. Grover Shannon, Deltapine Seed, Scott, Mississippi 1997

Line	Score
DPX 9875	**3.5**
P9831	1.0
BENNING	1.0
HASKELL	1.0
H7550 RR	1.0

Scale: 1=no symptoms, 5=very severe symptoms

775M
Combined analysis, all locations 1997

NAME	YIELD	MAT	HGT	LDG	GR
DPX 9875	55.6	51.2	29.0	1.8	2.1
P 9831	53.6	54.0	28.0	1.2	1.8
COOK	52.5	54.7	32.0	1.8	2.1
HASKELL	52.3	53.0	27.0	1.9	2.5
BENNING	47.4	49.3	41.0	1.1	3.3
GRAND MEAN	51.1	53.0	31.0	1.6	2.3
LOCATIONS	5	2	4	4	4

775M
Yield by location

NAME	MEAN	MSSL	MSSC	LAMO	SCHA	SCSU
DPX 9875	55.6	62.7	63.3	63.0	30.9	57.8
P 9831	53.6	57.3	61.7	54.3	28.9	65.2
COOK	52.5	48.3	68.0	61.7	25.1	59.2
HASKELL	52.3	55.3	71.0	58.7	20.0	56.3
BENNING	47.4	52.0	61.7	45.7	25.0	52.3
GRAND MEAN	51.1	55.5	63.3	54.5	23.4	58.3
CV		8.1	7.0	9.6	14.8	13.7
$LSD_{0.05}$		6.1	6.0	7.1	4.7	10.8

775M
Yield as a percentage of COOK

NAME	MEAN	MSSL	MSSC	LAMO	SCHA	SCSU
DPX 9875	106	130	93	102	123	98
P 9831	102	119	91	88	115	110
COOK	100	100	100	100	100	100
HASKELL	100	114	104	95	79	95
BENNING	90	108	91	74	100	88

*LAMO - Morganza, Louisiana
*MSSC - Scott Clay, Mississippi
*MSSL - Scott Loam, Mississippi
*SCHA - Hartsville, South Carolina
*SCSU - Summerton, South Carolina

II. Agronomic Characteristics: 1994-96

Line	Mat.	Plant Height	Ldg.	Shat.	Seeds/ Lb.	% Pro.	% Oil
DPX 9775	+1	31	2.3	Exc.	3000	39.1	17.3
COOK	+5	34	2.4	Exc.	2900	38.8	16.8
COKER6847	+2	32	1.8	Exc.	3200	38.3	16.9
DP 3733	0	28	1.4	Exc.	3350	37.4	16.7
DP 417	+5	39	3.0	Exc.	2800	37.9	16.5

III. Yield Data:

1994-97 Yield & Agronomic Data Summary

Line	Yield	% Yield	Mat.	Hgt.	Ldg.
DPX 9775	51.4	119	+1	31	2.3
COOK	48.6	113	+5	34	2.4
COKER6847	44.5	103	+2	32	1.8
DP 3733	43.1	100	0	28	1.4
DP 417	42.0	98	+5	39	3.0
# Tests	21	21	10	21	21

1996 Yield & Agronomic Data Summary

Line	Yield	% Yield	Mat.	Hgt.	Ldg.
DPX 9775	51.9	133	0	31	1.8
COOK	51.4	132	+4	34	2.2
P9831	50.2	128	+3	29	1.4
DP 417	48.6	124	+3	42	2.7
COKER6847	46.4	119	0	36	1.6
HASKELL	45.0	115	+1	31	2.0
DP 3733	39.1	100	0	26	1.1
# Tests	5	5	2	5	5

1995 Yield & Agronomic Data Summary

Line	Yield	% Yield	Mat.	Hgt.	Ldg.
DP 9775	49.4	115	0	28	2.5
COOK	46.3	108	+5	31	2.6
HASKELL	45.2	105	+3	28	2.8
DP 3733	43.0	100	0	26	1.4
COKER6847	41.8	97	+2	28	2.0
DP 417	41.1	96	+4	35	3.3
# Tests	9	9	4	9	9

1994 Yield & Agronomic Data Summary

Line	Yield	% Yield	Mat.	Hgt.	Ldg.
DPX 9775	53.6	116	+3	34	2.5
COOK	49.9	108	+6	36	2.4
COKER6847	46.7	101	+3	34	1.7
DP 3733	46.2	100	0	33	1.8
DP 417	38.6	84	+7	40	2.7
# Tests	7	7	4	7	7

Yield Summary in Bu/A

By Region: 1994-96

	MIDSOUTH		SOUTHEAST		OVERALL	
LINE	YLD	% YLD	YLD	% YLD	YLD	% YLD
DPX 9775	51.0	118	51.9	113	51.3	115
COOK	46.0	106	52.4	114	48.7	101
COKER6847	43.3	100	46.1	100	44.5	100
DP 3733	41.0	95	46.0	100	43.2	97
DP 417	38.1	88	47.1	102	42.0	95
# TESTS	12	12	9	9		

By States: 1994-96

LINE	AR	MS	LA	NC	SC	GA	MEAN
DPX 9775	39.0	62.0	59.7	46.3	49.7	63.0	55.0
COOK	33.1	47.2	50.6	54.7	48.7	60.0	49.0
COKER6847	30.8	44.9	47.1	52.1	42.7	48.5	43.0
DP 3733	35.3	38.3	47.8	53.2	41.2	50.9	43.1
DP 417	29.4	41.5	37.3	42.7	50.8	42.5	42.0
# TESTS	2	6	4	2	5	2	21

By Soil Type Planting and Disease Situation: 1994-96

Line	Loam	Clay	Cyst	Early Planted	Stem Canker	Aerial Blight
DPX 9775	51.9	53.6	39.0	45.9	62.5	65.0
COOK	52.4	49.0	33.1	43.1	62.0	49.0
COKER6847	46.1	46.4	30.8	42.1	52.1	47.0
DP 3733	46.0	42.3	35.3	37.0	57.3	41.0
DP 417	47.1	44.7	29.4	36.2	26.8	39.0
# TESTS	9	5	2	3	1	1

1994-96 HEAD TO HEAD COMPARISONS

DPX 9775 vs	Total Comp.	Won by- Bu/A	# Wins	% Wins
DP 3733	21	8.3	18	86
DP 417	21	9.4	16	76
COKER6847	21	6.9	16	76
COOK	21	2.8	15	71
HASKELL	14	5.0	12	89

YIELD IN BU/A
BY TESTS AND LOCATIONS

1996 - 675M

	MIDSOUTH				SOUTHEAST			
LINE	MS SL	MS SC	LA MG	Mean	SC CD	SC HV	Mean	Over All Mean
DPX 9775	37.0	53.0	65.0	52.0	67.0	35.8	51.8	51.9
COOK	43.0	53.0	49.0	48.0	68.6	44.1	56.4	51.4
P9831	43.0	43.0	48.0	45.0	62.9	53.3	58.1	50.2
DP 417	38.0	55.0	39.0	45.0	65.3	42.4	53.9	48.6
COKER6847	44.0	43.0	47.0	45.0	61.1	35.8	48.5	46.4
HASKELL	42.0	39.0	48.0	43.0	55.6	40.1	47.9	45.0
DP 3733	28.0	33.0	41.0	34.4	58.7	33.7	46.3	39.1
C.V. %	10	7.0	8.5		9.4	15.5		
LSD.10	4.4	3.5	4.2		6.5	6.9		

1995 - 575M

	MIDSOUTH						SOUTHEAST					
Line	MS SL	MS SC	AR DU	LA TL	LA MG	Mean	NC SF	SC HV	SC MA	GA PL	Sth East Mean	Over All Mean
DPX 9775	53.7	57.1	25.1	47.8	63.6	49.5	45.0	60.0	35.0	56.6	49.2	49.4
COOK	48.2	50.9	23.5	37.5	53.9	42.9	59.0	60.0	28.0	54.9	50.5	46.3
HASKELL	46.6	51.6	20.5	42.5	53.4	42.9	53.0	56.0	33.0	49.8	48.0	45.2
DP 3733	46.4	48.4	25.4	36.5	56.5	42.5	51.0	48.0	27.0	48.5	43.6	43.0
COKER6847	46.6	51.0	22.5	34.9	54.4	41.9	49.0	49.0	28.0	40.9	41.7	41.8
DP 417	38.4	46.4	20.1	33.4	50.1	37.5	44.0	66.0	39.0	33.7	45.7	41.1
C.V. %	3.1	3.9	2.0	2.2	4.3		5.0	7.4	2.7	5.7		
LSD.10	6.3	7.5	8.1	5.6	7.3		9.2	12.0	7.8	7.3		

1994 - 471A

Line	MIDSOUTH						SOUTHEAST			
	MS SL	MS SC	AR DU	LA MG	Mid Sth Mean	NC SF	SC OS	GA BB	Sth East Mean	Over All Mean
DPX 9775	47.0	46.4	52.8	62.5	52.2	47.5	49.7	69.3	55.5	53.6
COOK	38.3	49.6	42.7	62.0	48.1	50.4	42.9	63.4	52.3	49.9
COKER6847	35.8	48.7	39.0	52.1	43.9	55.2	39.8	56.0	50.3	46.7
DP 3733	36.7	37.0	45.1	57.3	44.0	55.3	38.7	53.2	49.1	46.2
DP 417	32.3	38.7	38.7	26.8	34.1	41.3	41.2	51.2	44.5	38.6
C.V. %	9.2	9.3	9.7	6.8		10.8	7.1	6.1		
LSD.10	6.6	8.1	11.2	6.8		12.0	5.7	6.6		

IV. DISEASE REACTION AND OTHER INFORMATION:

Cyst Nematode
DPX 9775 is resistant to race 3 but is susceptible to race 14 of soybean cyst nematode.

	Race 3									
	1995					1996				
	1	2	3	4	5	1	2	3	4	5
DPX 9755	4	3	0	0	0	5	1	0	0	0
Res. Chk.	5	1	0	0	0	3	2	0	0	0
Sus. Chk.	0	0	0	4	3	0	0	0	1	6

Location: Jackson, TN
Conducted by: Dr. Lawrence Young
USDA, Nematologist

	Race 14									
	1995					1996				
	1	2	3	4	5	1	2	3	4	5
DPX 9775	0	0	0	0	7	0	0	0	1	6
Res. Chk.	0	1	3	1	0	7	0	0	0	0
Sus. Chk.	0	0	0	0	5	0	0	0	0	5

Location: Jackson, TN
Conducted by: Dr. Lawrence Young
USDA, Nematologist

Root Knot Nematode 1 = No galling 5 = Very severe galling
DPX 9755 is susceptible to root knot nematodes.

	Common Root Knot M. Incognita		Peanut Root Knot M. arenaria	
	1995	1996	1995	1996
DPX 9775	4.0	4.0	3.5	3.0
Res. Check	1.0	2.0	1.0	2.0
Sus. Check	5.0	5.0	4.0	4.5

Location: Jay, FL
Conducted by: Dr. Robert Kinloch
Professor of Nematology
University of Florida

Stem Canker 1 = No symptoms 5 = Very severe symptoms
DPX 9775 is resistant to stem canker based on limited tests.

	1994
DPX 9775	1.0
DP 3733	1.0
P9692	1.0
DP 417	5.0

Frogeye Leaf Spot
DPX 9775 is resistant to many races of frogeye leafspot by nature of parentage.

Sudden Death Syndrome
DPX 9775 is untested against sudden death syndrome.

Aerial Blight 1 = None 5 = Very Severe
DPX 9775 shows excellent tolerance to aerial blight based on high yields in its presence.

	1996 Yld Bu/A
DPX 9775	65.0
COOK	49.0
HASKELL	48.0
DP 417	39.0
DP 3733	41.0

Location: Morganza, LA
Conducted by: Grover Shannon

Herbicide Tolerance
DPX 9775 has no known sensitivity to common soybean herbicides used according to the label.

Chloride Tolerance
DPX 9775's reaction to high chloride is unknown.

Seed Stock
There are approximately 50 bushels of DPX 9775 foundation seed after increase in Costa Rica.

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

The following statements are made in accordance with the Privacy Act of 1974 *(5 U.S.C. 552a)* and the Paper 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)*. The information is held confidential until the certificate is issued *(7 U.S.C. 2426)*.

1. NAME OF APPLICANT(S)	2. TEMPORARY DESIGNATION OR EXPERIMENTAL NUMBER	3. VARIETY NAME
D&PL Technology Holding Corp.	DPX 8S75	DP 7731
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)*
P.O. Box 157 Scott, Mississippi 38772 USA	662-742-4141	662-742-3182
	7. PVPO NUMBER 9800162	

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

10. Is the applicant the original owner? [X] 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 *(If needed, use the reverse for extra space)*:

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) ot the Plant Variety Protection Act for definitions.

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