

No.

9800298



THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME;

DEKALB Genetics Corporation

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.)

CORN, FIELD

'9DZD2W'

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 twenty sixth day of November, in the year two thousand two.



Attest:

Paul M. Jank

Commissioner
Plant Variety Protection Office
Agricultural Marketing Service

Secretary of Agriculture
Henry

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

The following statements are made in accordance with the Privacy
 1974 (5 U.S.C. 552a) and the Paperwork Reduction Act (PRA) of 1980.

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE
 (Instructions and information collection burden statement on reverse)

Application is required in order to determine if a plant variety pro
 certificate is to be issued (7 U.S.C. 2421). Information is held conf.
 until certificate is issued (7 U.S.C. 2426).

1. NAME OF APPLICANT(S) (as it is to appear on the Certificate)		2. TEMPORARY DESIGNATION OR EXPERIMENTAL NUMBER		3. VARIETY NAME	
DEKALB Genetics Corporation				9DZD2W	
4. ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP Code, and Country)		5. TELEPHONE (include area code)		FOR OFFICIAL USE ONLY PVPO NUMBER 9800298	
3100 Sycamore Road DeKalb, IL 60115		(815) 758-3461			
		6. FAX (include area code)		F I L I N G DATE 5/26/1998	
		(815) 758-4106		F E E S DATE 5/26/98	
7. GENUS AND SPECIES NAME		8. FAMILY NAME (Botanical)		FILING AND EXAMINATION FEE:	
Zea Mays		Gramineae		\$ 2450	
9. CROP KIND NAME (Common name)				DATE 5/26/98	
Corn				CERTIFICATION FEE:	
10. IF THE APPLICANT NAMED IS NOT A "PERSON", GIVE FORM OF ORGANIZATION (corporation, partnership, association, etc.) (Common name)				\$ 320.00	
Corporation				DATE 11/15/02	
11. IF INCORPORATED, GIVE STATE OF INCORPORATION		12. DATE OF INCORPORATION			
Delaware		June 15, 1988			
13. NAME AND ADDRESS OF APPLICANT REPRESENTATIVE(S), IF ANY, TO SERVE IN THIS APPLICATION AND RECEIVE ALL PAPERS		14. TELEPHONE (include area code)			
Dr. Tim Kain, Patent Scientist Monsanto Company 3100 Sycamore Road DeKalb IL 60115 Ph. 815-758-9281 Fax 815-758-4106 trkain@monsanto.com					
16. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED (Follow instructions on reverse)		15. FAX (include area code)			
a. <input checked="" type="checkbox"/> Exhibit A. Origin and Breeding History of the Variety b. <input checked="" type="checkbox"/> Exhibit B. Statement of Distinctness c. <input checked="" type="checkbox"/> Exhibit C. Objective Description of the Variety d. <input checked="" type="checkbox"/> Exhibit D. Additional Description of the Variety (Optional) e. <input checked="" type="checkbox"/> Exhibit E. Statement of the Basis of the Applicant's Ownership f. <input checked="" type="checkbox"/> Voucher Sample (2,600 viable untreated seeds or, for tuber propagated varieties verification that tissue culture will be deposited and maintained in an approved public repository) g. <input checked="" type="checkbox"/> Filing and Examination Fee (\$2,460), 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)					
<input type="checkbox"/> YES If "yes," answer items 18 and 19 below <input checked="" type="checkbox"/> NO If "no," go to item 20					
18. DOES THE APPLICANT SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS?			19. IF "YES" TO ITEM 18, WHICH CLASSES OF PRODUCTION BEYOND BREEDER SEED?		
<input type="checkbox"/> YES <input type="checkbox"/> NO			<input type="checkbox"/> FOUNDATION <input type="checkbox"/> REGISTERED <input type="checkbox"/> 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?					
<input type="checkbox"/> YES If "yes," give names of countries and dates <input type="checkbox"/> NO					
U.S. February 1998					
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)			NAME (Please print or type)		
R. Mark Lawson					
CAPACITY OR TITLE		DATE		CAPACITY OR TITLE	
Director Research		5/18/98			

3/4/02
 JMS

EXHIBIT A

Origin and Breeding History
9DZD2W

9DZD2W was selected for combining ability, standability, grain color, and quality.

Summer 1992	The inbred line 87916W (a proprietary DEKALB Genetics Corporation inbred) was crossed to a line derived from Pioneer Hi-Bred 3180.
Winter 1992-93	The S0 seed was grown and self pollinated (Mt. Olive NC nursery book row number 92HI:19-12).
Summer 1993	The S1 seed was grown (nursery book row numbers 93S:6-8).
Winter 1993-94	The S2 seed was grown ear-to-row (nursery book row numbers 93FL:802).
Summer 1994	The S3 seed was grown ear-to-row (nursery book row numbers 94S:5996).
Winter 1994-95	S4 seed was grown ear-to-row (nursery book row numbers 94HI8J:3 to 4).
Summer 1995	S5 seed was grown ear-to-row (nursery book row numbers 95S:24 to 55). Seed from rows 35 to 55 was given the designation 9DZD2W.
Winter 1995-96	S6 seed was grown ear-to-row (nursery book row numbers 95HQ 521 to 570).
Summer 1996	S7 seed was grown ear-to-row (nursery book row numbers 96S:11226 to 11250).

Statement of Stability and Uniformity

Corn inbred 9DZD2W was coded in 1995 and has been reproduced by self pollination for the past three generations and judged to be stable. Inbred 9DZD2W is uniform for all traits observed.

Statement of Variants

9DZD2W shows no variants other than what would normally be expected due to environment or that would occur for almost any character during the course of repeated sexual reproduction.

EXHIBIT B

Statement of Distinctness

DEKALB Genetics Corporation believes that 9DZD2W is most similar to corn inbred 87916W, an inbred developed by DEKALB Genetics Corporation.

9DZD2W and 87916W differ most significantly in the following traits:

Qualitative Data for 9DZD2W vs. 87916W

TRAIT	9DZD2W	87916W
Heat Units from 50% silk to harvest at 25% moisture	1109.5	1455.0
Anther Color	Red 2.5 R 5/8	Pink 2.5 R 7/6
Glume Color	Red 2.5 R 5/8	Green 5 GY 4/8
Ear Position	Pendant	Upright
Reaction to European Corn Borer-2 nd generation	Susceptible	Resistant
Weight per 100 kernels	21.6 g (N=400 seeds, s.d.=1.289)	32.0 g

SSR Profile of 9DZD2W and 87916W

LOCUS	9DZD2W	87916W
BNGL105	092	092
BNGL118	110	110
BNGL149	187	187
BNGL252	164	164
BNGL426	119	119
BNGL589	175	175
BNGL619	234	234
DUP14	112	112
DUP28	123	137
MC1014	169	169
MC1017	196	176
MC1028	159	161
MC1043	175	187
MC1065	230	243
MC1070	250	239
MC1074	186	174

MC1094	186	200
MC1108	146	144
MC1129	206	200
MC1131	115	111
MC1138	194	200
MC1176	220	218
MC1182	106	084
MC1189	219	225
MC1208	127	111
MC1209	184	184
MC1237	164	159
MC1257	229	180
MC1265	246	220
MC1287	156	158
MC1302	147	147
MC1325	177	185
MC1329	093	093
MC1360	133	133
MC1371	124	124
MC1429	191	191
MC1449	160	160
MC1484	117	117
MC1520	275	275
MC1523	199	200
MC1526	120	120
MC1538	239	239
MC1605	128	128
MC1662	167	161
MC1720	241	241
MC1732	108	100
MC1740	120	120
MC1782	228	228
MC1784	250	250
MC1831	186	184
MC1834	208	216
MC1866	123	123
MC1890	136	136
MC1904	183	174
MC1917	109	109
MC1931	174	170
MC1940	222	222
MC2047	148	146
MC2086	240	242
MC2238	196	196
MC2305	218	218
NC004	156	156
NC009	149	119
PHI017	110	110
PHI024	171	177
PHI031	194	230

PHI033	257	257
PHI037	141	141
PHI050	090	086
PHI051	149	149
PHI064	105	104
PHI065	158	158
PHI072	149	149
PHI089	092	092
PHI093	292	292
PHI101	102	102
PHI116	177	177
PHI119	174	176

Primers used to detect SSRs are from Celera AgGen, Inc., 1756 Picasso Ave., Davis, CA 95616

Simple Sequence Repeats (SSRs) are genetic markers based on polymorphisms in repeated nucleotide sequences, such as microsatellites. A marker system based on SSRs can be highly informative in linkage analysis relative to other marker systems in that multiple alleles may be present.

Means for performing genetic analysis using SSR polymorphisms are well known in the art. The SSR analysis reported herein were conducted by Celera Ag Gen in Davis, CA. This analysis was carried out by amplification of simple repeats followed by detection of marker genotypes using gel electrophoresis. Markers are scored on the size of the amplified fragment.

The SSR profile of corn inbred 9DZD2W differs from the SSR profile of comparative corn inbred 87916W at a number of loci, which are highlighted.

United States Department of Agriculture, Agricultural Marketing Service
Science Division, Plant Variety Protection Office
National Agricultural Library Building, Room 500
Beltsville, MD 20705

OBJECTIVE DESCRIPTION OF VARIETY
CORN (*Zea mays* L.)

Name of Applicant(s) DEKALB Genetics Corporation		Variety Seed Source	Variety Name or Temporary Designation 9DZD2W																																									
Address (Street & No., or R.F.D. No., City, State, Zip Code and Country) 3100 Sycamore Road, DeKalb, IL 60115 U.S.A.			FOR OFFICIAL USE																																									
			PVPO Number	9800298																																								
Place the appropriate number that describes the varietal characters typical of this inbred variety in the spaces below. Right justify whole numbers by adding leading zeroes if necessary. Completeness should be striven for to establish an adequate variety description. Traits designated by a '*' are considered necessary for an adequate variety description and must be completed.																																												
<p>COLOR CHOICES (Use in conjunction with Munsell color code to describe all color choices; describe #25 and #26 in Comments section):</p> <table border="0"> <tr> <td>01=Light Green</td> <td>06=Pale Yellow</td> <td>11=Pink</td> <td>16=Pale Purple</td> <td>21=Buff</td> </tr> <tr> <td>02=Medium Green</td> <td>07=Yellow</td> <td>12=Light Red</td> <td>17=Purple</td> <td>22=Tan</td> </tr> <tr> <td>03=Dark Green</td> <td>08=Yellow-Orange</td> <td>13=Cherry Red</td> <td>18=Colorless</td> <td>23=Brown</td> </tr> <tr> <td>04=Very Dark Green</td> <td>09=Salmon</td> <td>14=Red</td> <td>19=White</td> <td>24=Bronze</td> </tr> <tr> <td>05=Green-Yellow</td> <td>10=Pink-Orange</td> <td>15=Red & White</td> <td>20=White Capped</td> <td>25=Variegated (Describe)</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>26=Other (Describe)</td> </tr> </table>					01=Light Green	06=Pale Yellow	11=Pink	16=Pale Purple	21=Buff	02=Medium Green	07=Yellow	12=Light Red	17=Purple	22=Tan	03=Dark Green	08=Yellow-Orange	13=Cherry Red	18=Colorless	23=Brown	04=Very Dark Green	09=Salmon	14=Red	19=White	24=Bronze	05=Green-Yellow	10=Pink-Orange	15=Red & White	20=White Capped	25=Variegated (Describe)					26=Other (Describe)										
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1. TYPE: (describe intermediate types in Comments section)			Standard Inbred Name B73																																									
* 8 1=Sweet 2=Dent 3=Flint 4=Flour 5=Pop 6=Ornamental 7=Pipecorn 8=Flint-Dent			2																																									
2. REGION WHERE DEVELOPED IN THE U.S.A.:			Standard Seed Source NCRIPS _____																																									
* 2 1=Northwest 2=Northcentral 3=Northeast 4=Southeast 5=Southcentral 6=Southwest 7=Other _____			2																																									
3. MATURITY (In Region Best Adaptability; show Heat Unit formula in "Comments" section):			DAYS																																									
			HEAT UNITS																																									
* 0 7 7 1 4 9 5. 0 From emergence to 50% of plants in silk			0 7 9 1 5 2 8. 0																																									
* 0 7 5 1 4 4 6. 0 From emergence to 50% of plants in pollen			0 7 5 1 5 1 2. 0																																									
- - - 0 0 6 8. 0 From 10% to 90% pollen shed			- - - 0 1 2 9. 0																																									
(*) - - - - - - - - From 50% silk to optimum edible quality			- - - - - - - -																																									
0 5 7 1 1 0 9. 5 From 50% silk to harvest at 25% moisture			0 5 8 1 2 6 7. 5																																									
4. PLANT:			Standard Deviation																																									
			Sample Size																																									
* 2 0 1. 1 cm Plant Height (to tassel tip)			14.279																																									
			40																																									
* 0 6 7. 3 cm Ear Height (to base of top ear node)			12.395																																									
			40																																									
0 1 4. 0 cm Length of Top Ear Internode			2.004																																									
			40																																									
Average Number of Tillers																																												
* 1. 1 Average Number of Ears per Stalk			0.096																																									
			40																																									
4 Anthocyanin of Brace Roots: 1=Absent 2=Faint 3=Moderate 4=Dark			4																																									
Application Variety Data			Page 1																																									
			Standard Inbred Data																																									

Application Variety Data			Page 2	Standard Inbred Data			
5. LEAF:			Standard Deviation	Sample Size	Standard Deviation		Sample Size
*	0 0	8. 2 cm Width of Ear Node Leaf	0.191	40	0 0 9. 0	0.737	170
*	0 7	9. 7 cm Length of Ear Node Leaf	5.239	40	0 7 9. 4	2.596	170
*		6. 1 Number of leaves above top ear	0.258	20	5. 6	0.444	85
	3 2	8 degrees Leaf Angle (measure from 2nd leaf above ear at anthesis to stalk above leaf)	6.311	40	2 5. 8	7.800	170
*	0 2	Leaf Color (Munsell code 5 GY 4/8)			0 3 (Munsell code 5 GY 3/4)		
		2 Leaf Sheath Pubescence(Rate on scale from 1=none to 9=peach fuzz)			8		
		3 Marginal Waves (Rate on scale from 1=none to 9=many)			4		
		1 Longitudinal Creases (Rate on scale from 1=none to 9=many)			3		
6. TASSEL:			Standard Deviation	Sample Size	Standard Deviation		Sample Size
*	8. 9	Number of Primary Lateral Branches	0.492	40	8. 1	1.784	170
	3 6. 3	Branch Angle from Central Spike	3.416	40	2 4. 6	5.261	170
*	4 3. 4	cm Tassel Length (from top leaf collar to tassel tip)	2.858	40	3 7. 4	4.944	170
		7. 5 Pollen Shed (Rate on scale from 0=male sterile to 9=heavy shed)			7. 0		
	1 4	Anther Color (Munsell code 2.5 R 5/8)			2 2 (Munsell code 10 Y 8.5/6)		
	1 4	Glume Color (Munsell code 2.5 R 5/8)			0 2 (Munsell code 5 GY 4/8)		
		1 Bar Glumes (Glume Bands): 1=Absent 2=Present			1		
7a. EAR (Unhusked Data):					0 5 (Munsell code 2.5 GY 8/6)		
*	0 5	Silk Color (3 days after emergence) (Munsell code 2.5 GY 8/6)			0 2 (Munsell code 5 GY 4/8)		
	0 2	Fresh Husk Color (25 days after 50% silking) (Munsell code 5 GY 4/8)			2 1 (Munsell code 2.5 Y 8/4)		
	2 1	Dry Husk Color (65 days after 50% Silking) (Munsell code 2.5 Y 8/4)			3		
*	3	Position of Ear at Dry Husk Stage: 1=Upright 2=Horizontal 3=Pendent			6		
	5	Husk Tightness (Rate on scale from 1=very loose to 9=very tight)			3		
	2	Husk Extension (at harvest): 1=Short (ears exposed) 2=Medium (<8 cm) 3=Long (8-10 cm beyond ear tip) 4=Very Long (>10 cm)					
7b. EAR (Husked Ear Data):			Standard Deviation	Sample Size	Standard Deviation		Sample Size
*	1 6. 1	cm Ear Length	0.173	20	1 3. 5	0.706	85
*	3 8. 1	mm Ear Diameter at mid-point	1.418	20	4 3. 0	1.766	85
	1 0 9. 3	gm Ear Weight	7.847	40	1 1 8. 9	27.764	170
*	1 6	Number of Kernel Rows	0.231	20	1 7	0.758	85
		2 Kernel Rows: 1=Indistinct 2=Distinct			2		
		2 Row Alignment: 1=Straight 2=Slightly Curved 3=Spiral			2		
	0 8. 1	cm Shank Length	1.059	40	0 7. 8	1.559	170
		2 Ear Taper: 1=Slight 2=Average 3=Extreme			2		
Application Variety Data					Standard Inbred Data		

Note: Use chart on first page to choose color codes for color traits.

Application Variety Data			Page 3	Standard Inbred Data		
8. KERNEL (Dried):			Standard Deviation	Sample Size		
0	9.4 mm Kernel Length		0.500	20	1 0.9	85
0	7.3 mm Kernel Width		0.476	20	0 7.0	85
0	4.3 mm Kernel Thickness		0.600	20	0 3.9	85
4	8.0 % Round Kernels (Shape Grade)		3.775	500g	4 1.0	500g
	1 Aleurone Color Pattern: 1=Homozygous 2=Segregating				1	
(*)	1 8 Aleurone Color (Munsell code _____)				1 9 (Munsell code Lighter Than 2.5 Y 9/2)	
*	1 9 Hard Endosperm Color (Munsell code Lighter than 2.5 Y 9/2)				0 7 (Munsell code 2.5 Y 8/10)	
*	0 3 Endosperm Type: 1=Sweet (sul) 2=Extra Sweet (sh2) 3=Normal Starch 4=High Amylose Starch 5=Waxy Starch 6=High Protein 7=High Lysine 8=Super Sweet (se) 9=High Oil 10=Other				0 3	
2	1.6 gm Weight per 100 Kernels (unsized sample)		1.289	400 seeds	2 3.5	1700 seeds
9. COB:			Standard Deviation	Sample Size		
*	2 4.8 mm Cob Diameter at mid-point		3.919	20	2 6.1	85
	1 9 Cob Color (Munsell code Lighter Than 5 Y 9/1)				1 4 (Munsell code 5 R 3/8)	
10. DISEASE RESISTANCE (Rate from 1 (most susceptible) to 9 (most resistant); leave blank if not tested; leave Race or Strain Options blank if polygenic):						
A. Leaf Blights, Wilts, and Local Infection Diseases						
	7 Anthracnose Leaf Blight (<i>Colletotrichum graminicola</i>)				7	
	5 Common Rust (<i>Puccinia sorghi</i>)				5	
	Common Smut (<i>Ustilago maydis</i>)					
	5 Eyespot (<i>Kabatella zeae</i>)				7	
	7 Goss's Wilt (<i>Clavibacter michiganense</i> spp. <i>nebraskense</i>)				7	
	3 Gray Leaf Spot (<i>Cercospora zeae-maydis</i>)				2	
	4 Helminthosporium Leaf Spot (<i>Bipolaris zeicola</i>) Race 2				8 Race 2	
	4 Northern Leaf Blight (<i>Exserohilum turcicum</i>) Race 2				5 Race 2	
	5 Southern Leaf Blight (<i>Bipolaris maydis</i>) Race 0				3 Race 0	
	Southern Rust (<i>Puccinia polysora</i>)					
	6 Stewart's Wilt (<i>Erwinia stewartii</i>)				3	
	Other (Specify) _____					
B. Systemic Diseases						
	6 Corn Lethal Necrosis (MCMV and MDMV)				3	
	9 Head Smut (<i>Sphacelotheca reiliana</i>)				7	
	Maize Chlorotic Dwarf Virus (MCDV)					
	Maize Chlorotic Mottle Virus (MCMV)					
	Maize Dwarf Mosaic Virus (MDMV) Strain _____				Strain _____	
	Sorghum Downy Mildew of Corn (<i>Peronosclerospora sorghi</i>)					
	Other (Specify) _____					
C. Stalk Rots						
	Anthracnose Stalk Rot (<i>Colletotrichum graminicola</i>)					
	Diplodia Stalk Rot (<i>Stenocarpella maydis</i>)					
	Fusarium Stalk Rot (<i>Fusarium moniliforme</i>)					
	Gibberella Stalk Rot (<i>Gibberella zeae</i>)					
	Other (Specify) _____					
D. Ear and Kernel Rots						
	Aspergillus Ear and Kernel Rot (<i>Aspergillus flavus</i>)					
	Diplodia Ear Rot (<i>Stenocarpella maydis</i>)					
	Fusarium Ear and Kernel Rot (<i>Fusarium moniliforme</i>)					
	Gibberella Ear Rot (<i>Gibberella zeae</i>)					
	Other (Specify) _____					
Application Variety Data			Standard Inbred Data			

Note: Use chart on first page to choose color codes for color traits.

Application Variety Data	Page 4	Standard Inbred Data																																																																																																																																														
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<p>COMMENTS (eg. state how heat units were calculated, standard inbred seed source, and/or where data was collected. Continue in Exhibit D):</p> <p>Heat Unit Calculation: $GDU = \frac{\text{Daily Max Temp } (<=86^{\circ}F) + \text{Daily Min Temp } (>=50^{\circ}F)}{2} - 50^{\circ}F$</p> <p>Data was reported as means across years and locations. Each of the aforementioned characteristics had a wide range of values due to spacial and temporal variation of the test contributing to the large standard deviation. Growing conditions (soil, climate, drought conditions, etc.) contributed significantly to influence the variability of the traits measured.</p>																																																																																																																																																

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U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE

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.

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). Information is held confidential until certificate is issued (7 U.S.C. 2426).

1. NAME OF APPLICANT(S) DEKALB Genetics Corporation	2. TEMPORARY DESIGNATION OR EXPERIMENTAL NUMBER	3. VARIETY NAME 9DZD2W
4. ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP, and Country) 3100 Sycamore Road DeKalb, IL 60115 U.S.A.	5. TELEPHONE (include area code) (815) 758-3461	6. FAX (include area code) (815) 758-4106
7. PVPO NUMBER 9800298		

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

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

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

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

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

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

9DZD2W was originated and developed by a breeder employed by DEKALB Genetics Corporation. By agreement between DEKALB Genetics Corporation and the breeder, all rights to any invention, discovery, or development are assigned to DEKALB Genetics Corporation. No rights to such invention, discovery, or development are retained by the breeder.

PLEASE NOTE:

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

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.

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.

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.

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