
2001
West Virginia
Hybrid Corn Trials

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AUTHORS

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CAMERON R. HACKNEY, DIRECTOR
MORGANTOWN

2001 West Virginia
Hybrid Corn Trials

Hybrid corn trials were harvested at Kearneysville, Morgantown, and Reedsville in 2001. The trials planted at Wardensville were abandoned because of damage from second-generation corn borer and wildlife and poor stand that developed in a poor drainage area where two replications of the late trial were planted.

Each year seed corn companies are asked to submit entries for the trials. Six companies submitted seven brand names and 79 entries for the trials in 2001. Entries are arranged in order of maturity and placed in early or late trials at each location. At Kearneysville, Morgantown, Reedsville, and Wardensville the early trials contained hybrids in the maturity ranges of 97 to 112 days, 93 to 112 days, 93 to 105 days, and 97 to 112 days, respectively; and the late trials contained hybrids in the maturity ranges of 109 to 123 days, 109 to 117 days, 109 to 113 days, and 109 to 121 days, respectively. Hybrids were selected for entry into trials based upon yield and grain moisture data from previous years and from company maturity data. Mean yield of all hybrids in 2001 was 150.5 bushels per acre, 5% below the 2000 yield of 158 bushels per acre.

The 2001 growing season was for the most part cooler than normal, particularly in July. For the growing season, rainfall was 70% of normal at Kearneysville and 110 and 114% of normal at Morgantown and Reedsville, respectively. The weather table that follows this text includes more specific details concerning the 2001 growing season.

Seed for the trials was planted by hand in randomized complete-block designs with four replications. Thirty hybrids were evaluated for yield, grain moisture, and lodging in each trial at all locations except at Reedsville where a lack of early entries limited the early and late trials to 20 entries each. Plots consisted of two rows 30 inches apart and 12.5 feet long. Plots were over-planted and thinned to a target population of 25,090 plants per acre when the plants were approximately 8 inches tall.

At harvest, ears were removed from the stalks by hand and weighed. Grain moisture was measured with an electronic moisture tester. Samples consisted of grain shelled from two to four rows of 16 ears, four ears from each of the four replications. Those stalks leaning more than 30 degrees from vertical and/or broken below the ear at harvest were considered lodged.

Fertilizers and herbicides were applied as indicated in the data tables for each location. Fertilizer rates are in pounds of N, P₂O₅, and K₂O per acre. The herbicide rates are also in amount of product per acre. Weed control was good at all locations. Data from 2000 and 2001 were combined for the two-year averages and from 1999, 2000, and 2001 for the three-year averages.

The least significant difference (L.S.D. 0.05) at the bottom of the yield tables can be used to compare hybrid performance. If yields of two hybrids differ by more than the indicated L.S.D. 0.05, the odds are 19:1 that the yields of the two hybrids are different. The coefficients of variability (CV%) are measures of variability in the trials. The relatively high coefficients of variability in some trials were a result of wildlife (birds, deer, groundhogs, and raccoon) damage. Wildlife was particularly selective of early Pioneer brand hybrids at Morgantown.

Percent moisture and percent erect plants should also be considered when selecting a corn hybrid. Low moisture at harvest reduces grain spoilage, and a high percentage of erect stalks allow for more efficient harvesting and higher grain quality. Readers are cautioned that the 2001 data are valid only for conditions occurring in that growing season. Standard deviations, indicated by a ± sign, are given for multiple-year averages. These give a measure of the environmental, biological (including wildlife damage), and cultural variation from year to year. Low yields as a result of droughty conditions in 1999, resulted in high standard deviations for the three-year averages.

2001 WEATHER DATA FOR TRIAL LOCATIONS*

	Kearneysville		Morgantown		Reedsville	
Elevation (feet)	550		1240		1760	
Normal Growing Degree Days, Base 50°F (May-October)	2938		2898		2236	
2001 Growing Degree Days, Base 50°F (May-October)	2856		2838		2139	
2001 Average Daily Temperatures (°F) and Departures from Normal						
May	61.0	-0.4	60.9	0.3	57.2	0.3
June	69.8	-0.5	68.9	0.5	64.6	-0.7
July	70.0	-5.4	70.3	-2.6	66.9	-2.9
August	73.7	-0.2	73.4	2.5	69.3	1.7
September	62.6	-2.5	62.5	-2.4	58.3	-2.6
October	54.3	0.1	55.2	1.5	48.7	-0.3
2001 Rainfall (inches) and Percentages of Normal						
	%		%		%	
May	2.05	45	3.44	76	5.08	94
June	4.98	186	4.56	127	5.01	126
July	2.26	51	5.52	127	7.38	154
August	2.79	74	4.20	116	3.47	77
September	1.32	38	3.60	106	4.39	120
October	0.49	22	1.41	66	1.92	65
Period	13.89	70	22.73	110	27.25	114

*Sources of data:

Climatological Data, U.S. Department of Commerce, National Oceanic
and Atmospheric Administration (NOAA).

Climatological Summary of the Reedsville Experiment Farm. 1964-2000.

Unpublished data collected at the Reedsville Experimental Farm and
summarized by W. B. Bryan.

Unpublished data collected by weather observers at or near respective trial
locations.

KEARNEYSVILLE
EARLY MIDSEASON
CORN GRAIN - 2001

BRAND/HYBRID	YIELD BU/A*	PERCENT MOISTURE	PERCENT ERECT PLANTS	POPULATION PLANTS/ACRE (1000'S)
AGWAY AG6191	168	13.9	96	24.7
PIONEER HYBRID 34M94	166	14.4	91	24.0
SEED CONSULTANTS SC1096	164	13.8	91	24.0
ASGROW RX634	161	13.1	96	24.9
DEKALB DKC56-71	158	13.9	79	24.2
DEKALB DK595BTY	154	13.8	96	24.4
DEKALB DK567	154	13.6	89	23.5
AGWAY AG6001	150	14.3	95	22.7
SEED CONSULTANTS SC1080	149	14.4	94	25.4
SOUTHERN STATES SS729CL	149	15.0	95	22.7
SEED CONSULTANTS SC1091	147	14.1	92	24.7
DOEBLERS 636XY	144	14.3	89	22.7
SOUTHERN STATES SS710	144	14.3	95	22.8
DEKALB DK595	140	13.7	91	23.5
PIONEER HYBRID 35P12	137	14.2	89	23.2
SEED CONSULTANTS SC1068	136	13.5	95	22.8
DEKALB DKC53-32	135	13.1	90	22.5
PIONEER HYBRID 36N70	134	13.5	91	23.9
DOEBLERS 596XY	133	13.6	88	24.0
SEED CONSULTANTS SC1039	131	13.7	84	25.3
SOUTHERN STATES SS720RR	130	15.2	87	22.0
DOEBLERS 509X	129	13.3	93	24.2
SEED CONSULTANTS SC1122	129	14.1	97	24.0
SEED CONSULTANTS SC1118	127	14.6	88	23.2
DEKALB DK537	127	13.2	95	25.4
SEED CONSULTANTS SC1070	126	13.8	87	21.1
DOEBLERS 495XYG	126	13.6	90	22.3
PIONEER HYBRID 3523	126	13.9	87	23.3
SOUTHERN STATES SS576	119	13.9	94	21.3
PIONEER HYBRID 37R71	113	12.9	90	24.2
MEANS:	140.3	13.9	91.2	23.6
L.S.D. (0.05):	25.1	----	9.9	3.2
C.V. %:	12.8	----	7.7	9.6

*BASED ON 15.5% MOISTURE

PLANTED: MAY 2

HARVESTED: OCTOBER 24

FERTILIZER: 180-50-108 (LB/ACRE OF N, P₂O₅, AND K₂O, RESPECTIVELY)

HERBICIDES: 2.5 QTS BICEP MAGNUM + 0.05 LB PYTHON 80WDG/ACRE

SOIL: HAGERSTOWN SILT LOAM (FINE, MIXED, SEMIACTIVE, MESIC
TYPIC HAPLUDALFS)

KEARNEYSVILLE
LATE MIDSEASON
CORN GRAIN - 2001

BRAND/HYBRID	YIELD BU/A*	PERCENT MOISTURE	PERCENT ERECT PLANTS	POPULATION PLANTS/ACRE (1000'S)
DOEBLERS HC540	169	14.6	88	23.2
AGWAY AG6399BT	168	16.5	88	23.3
AGWAY AG6515	165	16.8	87	23.3
SEED CONSULTANTS SC1131	163	16.8	95	22.3
SOUTHERN STATES SS849CL	161	19.1	93	24.7
PIONEER HYBRID 33Y09	156	15.6	87	23.7
SEED CONSULTANTS SC1140	154	15.7	80	23.5
SOUTHERN STATES SS900BT	154	19.2	84	24.0
PIONEER HYBRID 33K81	153	16.2	87	23.3
DOEBLERS 887V2	152	20.9	94	19.5
ASGROW RX708	151	14.3	93	24.7
SEED CONSULTANTS SC1151	150	16.9	93	24.0
ASGROW RX740	148	13.9	92	25.3
DOEBLERS 649XY	146	15.0	93	22.1
DOEBLERS 859XY	146	19.9	95	22.8
SOUTHERN STATES SS897	146	18.4	94	24.6
DEKALB DKC61-24	143	14.3	86	21.1
DOEBLERS 797RYG	140	17.2	92	20.4
ASGROW RX764	139	14.4	96	24.2
DEKALB DKC63-03	137	16.1	94	21.6
DOEBLERS 818V2	137	17.6	86	22.1
PIONEER HYBRID 33J56	135	16.0	87	19.9
PIONEER HYBRID 33G30	131	14.9	87	21.4
DOEBLERS 638XYG	131	16.1	88	22.1
SOUTHERN STATES SS747	131	17.3	85	22.0
DOEBLERS 747XY	131	16.4	90	20.0
DEKALB DKC66-50	130	15.4	84	21.6
SOUTHERN STATES SS828	126	18.8	94	20.2
DEKALB DKC60-15	122	16.4	86	21.3
SOUTHERN STATES SS769BT	120	18.4	85	19.2
MEANS:	144.5	16.6	89.4	22.4
L.S.D. (0.05):	30.4	----	10.2	3.8
C.V. %:	15.0	----	8.1	12.2

*BASED ON 15.5% MOISTURE

PLANTED: MAY 2

HARVESTED: OCTOBER 18

FERTILIZER: 180-50-108 (LB/ACRE OF N, P₂O₅, AND K₂O, RESPECTIVELY)

HERBICIDES: 2.5 QTS BICEP MAGNUM + 0.05 LB PYTHON 80WDG/ACRE

SOIL: HAGERSTOWN SILT LOAM (FINE, MIXED, SEMIACTIVE, MESIC
TYPIC HAPLUDALFS)

MORGANTOWN
EARLY MIDSEASON
CORN GRAIN - 2001

BRAND/HYBRID	YIELD BU/A*	PERCENT MOISTURE	PERCENT ERECT PLANTS	POPULATION PLANTS/ACRE (1000'S)
DEKALB DKC56-71	205	16.5	98	23.5
AGWAY AG6001	205	20.0	93	26.5
ASGROW RX708	191	16.7	97	24.9
DEKALB DK567	187	16.7	92	24.9
SOUTHERN STATES SS576	184	16.6	85	24.9
SOUTHERN STATES SS720RR	181	17.3	91	26.1
SEED CONSULTANTS SC1122	180	17.7	99	25.1
PIONEER HYBRID 3523	180	16.3	99	25.3
SEED CONSULTANTS SC1091	177	18.8	79	24.6
SEED CONSULTANTS SC1092	175	17.7	91	25.8
SEED CONSULTANTS SC1080	169	19.2	82	25.3
ASGROW RX634	166	16.3	88	26.1
DEKALB DK537	166	17.1	96	26.7
PIONEER HYBRID 36N70	160	15.4	87	24.0
PIONEER HYBRID 35P12	158	17.1	81	24.2
SEED CONSULTANTS SC1070	158	16.7	90	24.6
DOEBLERS 596XY	157	17.5	76	23.0
AGWAY AG5519	149	16.1	79	23.7
SEED CONSULTANTS SC1039	149	18.3	78	25.3
SEED CONSULTANTS SC1068	145	19.4	79	22.8
SOUTHERN STATES SS447	142	16.1	88	24.9
DEKALB DKC53-32	140	16.1	88	24.0
DOEBLERS 509X	139	15.3	90	23.3
DOEBLERS 469XP	137	14.9	92	23.7
DEKALB DKC50-72	135	14.5	98	23.9
DOEBLERS 495XYG #	120	15.8	90	23.3
DEKALB DK507 #	113	14.5	84	23.5
PIONEER HYBRID 37R71 #	111	15.4	78	24.4
PIONEER HYBRID 38A24 #	94	15.6	69	24.6
PIONEER HYBRID 38T27 #	47	15.7	52	24.7
MEANS:	154.0	16.7	86.2	24.6
L.S.D. (0.05):	40.9	----	17.4	2.4
C.V. %:	18.9	----	14.4	7.0

*BASED ON 15.5% MOISTURE

#SEVERE WILDLIFE DAMAGE

PLANTED: MAY 4

HARVESTED: OCTOBER 31

FERTILIZER: 180-50-108 (LB/ACRE OF N, P₂O₅, AND K₂O, RESPECTIVELY)

HERBICIDES: 2.5 QTS BICEP MAGNUM + 0.05 LB PYTHON 80WDG/ACRE

SOIL: CLARKSBURG SILT LOAM (FINE-LOAMY, MIXED, SUPERACTIVE, MESIC OXYAQUIC FRAGIUDALFS)

MORGANTOWN
LATE MIDSEASON
CORN GRAIN - 2001

BRAND/HYBRID	YIELD BU/A*	PERCENT MOISTURE	PERCENT ERECT PLANTS	POPULATION PLANTS/ACRE (1000'S)
DEKALB DKC61-24	191	18.7	96	25.8
AGWAY AG6191	190	18.8	94	24.9
DOEBLERS HC540	189	16.4	81	27.2
SOUTHERN STATES SS710	187	18.6	87	24.6
PIONEER HYBRID 33Y09	184	17.9	94	26.0
AGWAY AG6399BT	183	18.6	92	23.5
DEKALB DKC63-03	183	19.2	89	26.0
SOUTHERN STATES SS729CL	178	18.4	91	25.4
SOUTHERN STATES SS769BT	175	19.8	88	24.9
SEED CONSULTANTS SC1140	175	19.1	79	24.4
DOEBLERS 649XY	170	20.2	72	23.9
SOUTHERN STATES SS828	169	22.5	87	25.1
SEED CONSULTANTS SC1131	169	22.2	84	23.3
PIONEER HYBRID 34M94	166	18.2	82	26.7
SEED CONSULTANTS SC1118	164	17.6	86	25.3
DEKALB DKC66-50	163	20.7	89	25.3
PIONEER HYBRID 33G30	162	17.9	81	24.7
PIONEER HYBRID 33J56	160	19.1	76	26.8
AGWAY AG6515	159	19.0	78	25.1
PIONEER HYBRID 33K81	154	19.2	83	26.7
DOEBLERS 636XY	147	18.7	86	22.5
DEKALB DK595	147	17.6	86	23.9
SEED CONSULTANTS SC1151	145	20.1	85	26.0
ASGROW RX764	140	17.7	86	24.6
SOUTHERN STATES SS747	139	20.1	87	23.7
DEKALB DK595BTY	130	18.6	81	24.6
DOEBLERS 638XYG	128	19.2	80	21.1
ASGROW RX740	125	17.4	76	21.8
DOEBLERS 747XY	119	20.0	78	17.4
DEKALB DKC60-15	107	20.8	76	21.6
MEANS:	159.9	19.1	84.3	24.4
L.S.D. (0.05):	35.5	----	12.7	2.9
C.V.%:	15.8	----	10.7	8.5

*BASED ON 15.5% MOISTURE

PLANTED: MAY 4

HARVESTED: NOVEMBER 1

FERTILIZER: 180-50-108 (LB/ACRE OF N, P₂O₅, AND K₂O, RESPECTIVELY)

HERBICIDES: 2.5 QTS BICEP MAGNUM + 0.05 LB PYTHON 80WDG/ACRE

SOIL: CLARKSBURG SILT LOAM (FINE-LOAMY, MIXED, SUPERACTIVE, MESIC OXYAQUIC FRAGIUDALFS)

REEDSVILLE
EARLY MIDSEASON
CORN GRAIN - 2001

BRAND/HYBRID	YIELD BU/A*	PERCENT MOISTURE	PERCENT ERECT PLANTS	POPULATION PLANTS/ACRE (1000'S)
DEKALB DKC56-71	186	21.4	94	22.8
DEKALB DK567	180	18.9	92	23.7
PIONEER HYBRID 35P12	166	20.2	86	23.0
PIONEER HYBRID 36N70	162	17.8	90	24.4
SOUTHERN STATES SS447	157	17.7	92	23.0
ASGROW RX634	148	18.4	88	23.3
PIONEER HYBRID 37R71	147	17.9	87	26.7
SEED CONSULTANTS SC1032	146	19.2	95	27.4
DEKALB DKC53-32	144	19.3	88	23.0
AGWAY AG5095	144	16.2	94	23.9
DOEBLERS 469XP	143	17.6	96	25.3
DOEBLERS 509X	143	17.9	90	26.5
AGWAY AG4717	142	18.1	96	25.1
DOEBLERS 495XYG	140	18.1	86	25.3
DEKALB DK507	130	16.8	93	26.3
PIONEER HYBRID 38A24	125	18.0	92	27.2
DEKALB DKC50-72	108	16.0	86	26.0
AGWAY AG5519	98	19.5	86	23.5
DEKALB DK537	95	19.0	91	26.1
PIONEER HYBRID 38T27 #	74	17.6	86	26.0
MEANS:	138.8	18.3	90.4	24.9
L.S.D. (0.05):	34.7	----	8.3	3.1
C.V. %:	17.6	----	6.5	8.9

*BASED ON 15.5% MOISTURE

#SEVERE WILDLIFE DAMAGE

PLANTED: MAY 8

HARVESTED: NOVEMBER 6

FERTILIZER: 180-50-108 (LB/ACRE OF N, P₂O₅, AND K₂O, RESPECTIVELY)

HERBICIDES: 2.5 QTS BICEP MAGNUM + 0.05 LB PYTHON 80WDG/ACRE

SOIL: ERNEST SILT LOAM (FINE-LOAMY, MIXED, SUPERACTIVE, MESIC
AQUIC FRAGIUDULTS)

REEDSVILLE
LATE MIDSEASON
CORN GRAIN - 2001

BRAND/HYBRID	YIELD BU/A*	PERCENT MOISTURE	PERCENT ERECT PLANTS	POPULATION PLANTS/ACRE (1000'S)
PIONEER HYBRID 33J56	201	21.5	81	25.1
SOUTHERN STATES SS710	190	21.8	90	24.7
PIONEER HYBRID 33G30	187	19.0	90	25.1
DOEBLERS HC540	185	19.3	70	24.2
SOUTHERN STATES SS576	181	19.5	87	24.7
AGWAY AG6191	178	21.9	82	24.7
SEED CONSULTANTS SC1070	176	20.8	69	24.6
ASGROW RX708	173	20.8	88	25.3
SEED CONSULTANTS SC1092	171	20.9	72	24.9
PIONEER HYBRID 34M94	171	19.8	93	24.9
DEKALB DK595BTY	166	20.4	90	24.7
DOEBLERS 596XY	165	21.0	64	24.9
SEED CONSULTANTS SC1096	164	22.5	67	24.6
PIONEER HYBRID 33K81	162	23.1	86	24.7
DEKALB DK595	161	20.4	88	24.9
SEED CONSULTANTS SC1068	159	21.0	64	25.3
PIONEER HYBRID 3523	156	18.9	70	25.1
AGWAY AG6001	156	22.2	50	25.4
SEED CONSULTANTS SC1072	133	18.9	86	24.9
DEKALB DKC60-15	102	24.7	58	24.2
MEANS:	166.9	20.9	77.3	24.9
L.S.D. (0.05):	18.5	----	17.9	1.3
C.V. %:	7.8	----	16.4	3.6

*BASED ON 15.5% MOISTURE

PLANTED: MAY 8

HARVESTED: NOVEMBER 6

FERTILIZER: 180-50-108 (LB/ACRE OF N, P₂O₅, AND K₂O, RESPECTIVELY)

HERBICIDES: 2.5 QTS BICEP MAGNUM + 0.05 LB PYTHON 80WDG/ACRE

SOIL: ERNEST SILT LOAM (FINE-LOAMY, MIXED, MESIC SUPERACTIVE
AQUIC FRAGIUDULTS)

TWO-YEAR AVERAGES
KEARNEYSVILLE
2000 AND 2001

BRAND/HYBRID	YIELD BU/A*	STANDARD DEVIATION	PERCENT MOISTURE	PERCENT ERECT PLANTS
SEED CONSULTANTS SC1096	179	±23.5	15.7	86
PIONEER HYBRID 33Y09	165	±17.2	18.6	93
SEED CONSULTANTS SC1140	163	±14.8	18.1	84
AGWAY AG6191	162	±19.0	15.8	95
PIONEER HYBRID 33K81	157	±28.8	18.2	88
PIONEER HYBRID 33J56	154	±33.3	17.4	89
DOEBLERS 887V2	153	±17.0	23.7	89
DOEBLERS 636XY	152	±16.1	16.5	90
SOUTHERN STATES SS710	150	±13.0	16.4	94
DOEBLERS 596XY	150	±24.6	15.0	89
SOUTHERN STATES SS849CL	150	±22.5	21.9	87
DOEBLERS 859XY	146	±25.6	21.6	91
DEKALB DK595	145	±12.2	15.0	90
SOUTHERN STATES SS729CL	145	±17.0	16.6	86
DOEBLERS 638XYG	143	±26.4	18.2	92
SOUTHERN STATES SS720RR	141	±16.9	16.2	86
SOUTHERN STATES SS576	140	±30.3	15.4	93
SOUTHERN STATES SS769BT	139	±27.0	20.8	90
PIONEER HYBRID 3523	137	±19.3	15.0	88
SOUTHERN STATES SS900BT	137	±24.5	21.6	79
SOUTHERN STATES SS897	137	±17.0	21.1	87
SEED CONSULTANTS SC1039	135	±14.1	14.8	86
DOEBLERS 747XY	134	±28.2	18.6	90
DOEBLERS 495XYG	134	±20.0	14.7	88
SEED CONSULTANTS SC1118	132	±21.2	15.3	87
PIONEER HYBRID 37R71	128	±21.0	14.0	88
DEKALB DK537	128	± 9.2	14.9	91
SOUTHERN STATES SS828	126	±15.5	21.0	89
SOUTHERN STATES SS747	118	±19.5	19.3	79

*BASED ON 15.5% MOISTURE

THREE-YEAR AVERAGES
KEARNEYSVILLE
1999 TO 2001

BRAND/HYBRID	YIELD BU/A*	STANDARD DEVIATION	PERCENT MOISTURE	PERCENT ERECT PLANTS
PIONEER HYBRID 33Y09	126	±59.7	19.1	95
DOEBLERS 887V2	125	±44.9	24.7	90
DOEBLERS 596XY	119	±52.8	16.1	87
DOEBLERS 859XY	113	±53.9	23.0	90
DOEBLERS 636XY	112	±61.3	18.1	91
PIONEER HYBRID 3523	111	±42.4	16.1	88
SOUTHERN STATES SS576	109	±51.8	16.2	92
SOUTHERN STATES SS897	108	±46.7	22.0	88
DOEBLERS 747XY	106	±47.7	20.0	90
PIONEER HYBRID 37R71	103	±42.1	14.9	90
SOUTHERN STATES SS828	98	±42.7	21.8	87
DEKALB DK537	95	±51.8	15.2	91
SOUTHERN STATES SS747	95	±37.1	20.7	83

*BASED ON 15.5% MOISTURE

TWO-YEAR AVERAGES
MORGANTOWN
2000 AND 2001

BRAND/HYBRID	YIELD BU/A*	STANDARD DEVIATION	PERCENT MOISTURE	PERCENT ERECT PLANTS
SOUTHERN STATES SS710	196	±24.9	21.5	93
AGWAY AG6399BT	187	±15.1	20.8	96
SOUTHERN STATES SS769BT	184	±21.6	21.6	94
AGWAY AG6191	183	±27.4	20.9	95
SOUTHERN STATES SS720RR	183	±20.8	20.3	96
SEED CONSULTANTS SC1140	179	±25.3	21.9	88
PIONEER HYBRID 33J56	177	±26.5	21.3	86
SOUTHERN STATES SS576	177	±25.5	19.6	90
PIONEER HYBRID 33Y09	174	±19.4	20.3	97
SOUTHERN STATES SS729CL	174	±11.3	20.7	95
SOUTHERN STATES SS828	173	±17.5	24.9	93
SEED CONSULTANTS SC1118	172	±23.1	20.3	92
DEKALB DK537	167	± 6.7	18.8	97
DOEBLERS 596XY	166	±30.5	20.3	88
SEED CONSULTANTS SC1039	159	±35.4	20.3	87
SOUTHERN STATES SS747	156	±20.0	22.4	93
DOEBLERS 636XY	154	±18.1	21.8	91
DEKALB DK595	153	±19.4	19.5	92
PIONEER HYBRID 33K81	152	±30.8	21.1	91
DOEBLERS 638XYG	148	±36.9	21.2	89
DOEBLERS 469XP	145	±25.9	16.5	95
DOEBLERS 747XY	142	±29.9	22.1	89
SOUTHERN STATES SS447	138	±21.8	18.4	93
DOEBLERS 495XYG	134	±20.9	17.6	95
PIONEER HYBRID 38A24	129	±51.9	17.0	84
PIONEER HYBRID 37R71	123	±36.3	17.5	89
PIONEER HYBRID 38T27	102	±60.1	17.1	76

*BASED ON 15.5% MOISTURE

THREE-YEAR AVERAGES
MORGANTOWN
1999 TO 2001

BRAND/HYBRID	YIELD BU/A*	STANDARD DEVIATION	PERCENT MOISTURE	PERCENT ERECT PLANTS
PIONEER HYBRID 33Y09	164	±23.7	20.5	96
SOUTHERN STATES SS576	161	±32.2	20.4	87
SOUTHERN STATES SS828	152	±34.9	25.5	78
SOUTHERN STATES SS747	150	±19.0	23.7	83
DEKALB DK537	150	±25.3	18.1	89
DOEBLERS 596XY	150	±34.6	20.1	63
DOEBLERS 636XY	142	±24.0	22.1	72
DOEBLERS 747XY	141	±25.0	23.0	77
DOEBLERS 469XP	137	±24.0	16.8	89
SOUTHERN STATES SS447	131	±21.1	18.3	84
PIONEER HYBRID 37R71	114	±32.6	17.4	79

*BASED ON 15.5% MOISTURE

TWO-YEAR AVERAGES
REEDSVILLE
2000 AND 2001

BRAND/HYBRID	YIELD BU/A*	STANDARD DEVIATION	PERCENT MOISTURE	PERCENT ERECT PLANTS
PIONEER HYBRID 33J56	204	± 8.9	25.0	91
SOUTHERN STATES SS576	179	±13.5	23.8	93
DOEBLERS 596XY	175	±12.8	25.0	80
AGWAY AG6191	175	±16.2	25.8	91
SEED CONSULTANTS SC1096	170	±14.4	26.0	83
SOUTHERN STATES SS447	168	±19.6	20.5	96
SEED CONSULTANTS SC1068	165	±13.6	24.5	81
DEKALB DK595	159	± 8.4	24.7	93
PIONEER HYBRID 33K81	159	±10.2	26.6	93
DOEBLERS 469XP	158	±20.4	20.0	98
PIONEER HYBRID 3523	157	±15.1	23.0	85
DOEBLERS 495XYG	157	±37.9	20.8	93
PIONEER HYBRID 37R71	155	±11.2	20.4	94
PIONEER HYBRID 38A24	152	±34.9	19.6	95
DEKALB DK537	129	±41.0	21.8	96
PIONEER HYBRID 38T27	128	±62.8	19.2	93

*BASED ON 15.5% MOISTURE

THREE-YEAR AVERAGES
REEDSVILLE
1999 TO 2001

BRAND/HYBRID	YIELD BU/A*	STANDARD DEVIATION	PERCENT MOISTURE	PERCENT ERECT PLANTS
SOUTHERN STATES SS576	156	±35.7	23.7	86
DOEBLERS 596XY	155	±32.1	24.5	84
SOUTHERN STATES SS447	153	±27.0	20.2	95
PIONEER HYBRID 3523	147	±20.7	23.1	87
DOEBLERS 469XP	142	±28.3	19.3	95
PIONEER HYBRID 37R71	141	±24.5	19.9	83
DEKALB DK537	120	±36.0	20.9	94

*BASED ON 15.5% MOISTURE

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Agway Farm Seeds, Attn: Mark Guttendorf, 6835 Tully-Truxton Road, Tully, NY 13159

Doebler's Pennsylvania Hybrids, Inc., R.D. 1, Box 424, Jersey Shore, PA 17740
Monsanto Company, Agricultural Sector, Global Seed Group (DeKalb and Asgrow Hybrids) 3100 Sycamore Road, DeKalb, IL 60115-9600

Pioneer Hi-Bred International, Inc., North American Division, 1000 West Jefferson Street, Tipton, IN 46072

Seed Consultants, 9768 Northwest Milledgeville-Jefferson Road, Jeffersonville, OH 43128

Southern States Hybrids, c/o Cooperative Seeds, Inc., 7200 E. St. Rd. 47, Lebanon, IN 46052