

PERFORMANCE OF HYBRID CORN VARIETIES TESTED IN VIRGINIA, 1957-1963

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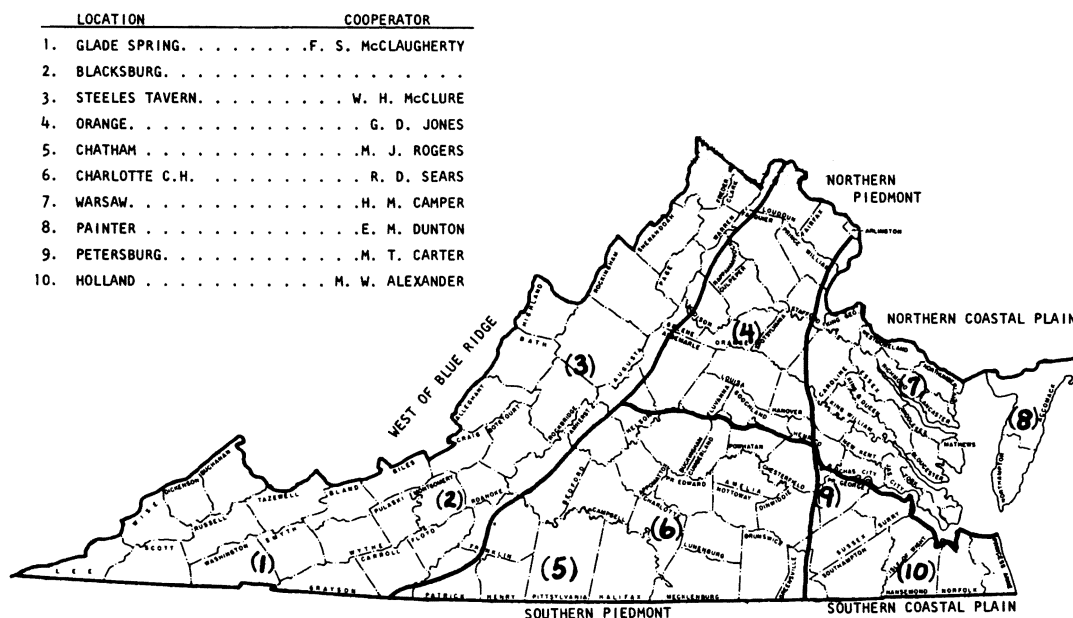


FIGURE 1. MAP SHOWING LOCATIONS OF CORN TESTS IN VIRGINIA, AND TABLE LISTING COOPERATORS.

Virginia Agricultural Experiment Station
Virginia Polytechnic Institute
Blacksburg, Virginia

Performance of Hybrid Corn Varieties Tested
in Virginia, 1957-1963

Varieties of hybrid corn have been tested at various locations in Virginia since 1942. A summary of the performance of all varieties tested from 1951 through 1956 was published as Virginia Agricultural Experiment Station Research Report 13. This publication reports the performance of all varieties tested in Virginia from 1957 through 1963.

The data included in this report were obtained from corn hybrid varietal tests conducted by the Agronomy Department in five geographical regions of Virginia. These regions are Southern Coastal Plain, Northern Coastal Plain, Southern Piedmont, Northern Piedmont and West of the Blue Ridge. The areas included in the regions, the location of the tests, and the names of the cooperators are shown in Figure 1.

Interpretation of Data Presented

The data included in this report and the method of determining and/or expressing the results are as follows:

Years Tested: This column gives the years in which the varieties were tested in each region. If the years read 57-62, the variety was tested in the given region from 1957 until 1962, inclusive. If the years read 57-59+61, the variety was tested in 1957, 1958, 1959, and 1961, but not in 1960. Similarly, 58+60-62 means the variety was tested in 1958 and again in 1960, 1961, and 1962, but not in 1959.

Number of Tests: This column gives the total number of tests in which a variety was included during the period tested in the region reported.

Yield: The yield of the varieties is expressed in percent of the average of all varieties included in the same tests, adjusted to 15-1/2% moisture. The average yield of all varieties included in a test or tests is expressed as 100%. If a variety has a relative yield of 108, it yielded 8% better than the average of all varieties in the same tests. Similarly, if a variety has a relative yield of 94, it yielded 6% less than the average of all varieties included in the same tests.

Lodged and Broken: Lodged and broken plants is also expressed in percent of the average of all varieties included in the same test---the average of all varieties being expressed as 100%. A variety with a lodged and broken score of 90 stood 10% better than the average of the same tests and a variety with a score of 110 lodged and broken 10% more than the average of the same tests. A variety is considered broken when the stalk breaks below the ear, and lodged when the stalk leans 45 degrees or more from the vertical or upright position. As contrasted with yield, desirable varieties are those having a low score, meaning that they have fewer lodged and broken plants than the test average.

Moisture at Harvest: Moisture content is a good indicator of the relative stage of maturity of corn hybrid varieties at the date of harvest. If the percent moisture is low, it is indicative of an early maturing variety, and if the moisture content is high, it is indicative of a late maturing variety. The average moisture percentage of all varieties entered in the tests is expressed as 100. If the moisture score of a variety is 110, this variety had 10% more moisture at harvest than the average of the same tests. Similarly, a variety with a moisture score of 90 was 10% dryer at harvest than the average of the same tests.

Quality Score: The relative grain quality of the various varieties as determined by visual observation was scored from 1 to 5, with 1 representing very poor quality and 5 excellent quality. As in the case of yield, lodged and broken, and moisture, the average quality score of all varieties tested was given a value of 100, and the quality score of individual varieties was expressed as percent of the average of all varieties. Quality scores below 100 indicate a tendency towards poor grain quality while quality scores above 100 indicate better than average quality.

Table 1. Average performance of tests used as "check values" for comparison of performance data of the various hybrids reported in Table 2.

Period of tests	Southern Coastal Plain					Northern Coastal Plain				
	No. of tests	Yield (Bu/A)	Lodged & broken %	H2O in grain at harvest %	Quality rating*	No. of tests	Yield (Bu/A)	Lodged & broken %	H2O in grain at harvest %	Quality rating*
1957	2	55.2	15	23.9	2.8	1	51.5	17	18.4	3.4
1958	2	102.9	4	22.9	3.1	2	104.5	11	19.1	3.5
1959	2	102.8	7	21.2	3.4	2	72.2	8	18.3	3.2
1960	2	118.5	17	23.9	3.5	2	92.2	16	22.6	3.4
1961	2	97.9	1	21.9	3.3	2	85.7	36	18.5	3.0
1962	2	122.8	20	20.0	3.5	2	107.4	28	19.0	3.3
1961-62	4	110.4	11	21.0	3.4	4	96.6	32	18.8	3.2
1960-62	6	113.1	13	21.9	3.4	6	95.1	27	20.0	3.2
1959-62	8	110.5	11	21.8	3.4	8	89.4	22	19.6	3.2
1958-62	10	109.0	10	22.0	3.4	10	92.4	20	19.5	3.3
1957-62	12	100.0	11	22.3	3.4	11	88.7	20	19.4	3.6

Period of tests	Southern Piedmont					Northern Piedmont				
	No. of tests	Yield (Bu/A)	Lodged & broken %	H2O in grain at harvest %	Quality rating*	No. of tests	Yield (Bu/A)	Lodged & broken %	H2O in grain at harvest %	Quality rating*
1957	1	71.9	33	16.1	3.7	0	0	0	0	0
1958	2	60.9	18	22.7	3.7	1	116.3	7	23.4	3.8
1959	2	63.1	7	23.6	3.0	1	29.0	1	17.9	1.5
1960	2	61.7	7	26.1	2.8	1	97.7	4	22.3	3.6
1961	2	63.5	8	25.7	2.6	1	134.4	9	24.1	4.3
1962	2	98.0	5	27.5	2.8	1	145.9	31	21.7	4.0
1961-62	4	80.8	7	26.6	2.7	2	140.2	20	22.9	4.2
1960-62	6	74.4	7	26.4	2.7	3	126.0	15	22.7	4.0
1959-62	8	71.6	7	25.7	2.8	4	101.8	11	21.5	3.4
1958-62	10	69.4	9	25.1	3.0	5	104.7	12	21.9	3.4
1957-62	11	63.1	8	22.8	2.7	5	104.7	12	21.9	3.4

Period of tests	West of Blue Ridge				
	No. of tests	Yield (Bu/A)	Lodged & broken %	H2O in grain at harvest %	Quality rating*
1957	2	73.0	13	20.5	3.2
1958	2	113.8	6	25.8	3.4
1959	3	94.4	16	22.6	3.7
1960	2	83.1	3	22.0	2.8
1961	3	127.0	9	26.2	3.6
1962	3	109.1	12	22.9	2.9
1961-62	6	118.1	11	24.6	3.3
1960-62	8	109.3	9	23.9	3.1
1959-62	11	105.7	11	23.6	3.6
1958-62	13	106.6	10	23.9	3.3
1957-62	15	102.1	10	23.4	3.3

* Quality rated from 1 = very poor to 5 = excellent.

Table 2. Hybrids tested in the official corn performance tests of the Virginia Agricultural Experiment Station since 1957 and the average performance of each hybrid compared, in percent, to the average of all hybrids grown in the same test or tests.

Variety	West of Blue Ridge						Northern Piedmont					
	Years tested	No. of tests	Yield	L&B	H2O	Q.S.	Years tested	No. of tests	Yield	L&B	H2O	Q.S.
AES 805							59	1	81	0	88	67
Broadbent 235AW	59	3	64	325	99	70						
" 402A.	57	2	93	121	97	78						
" 402B.	59-60	5	105	120	114	97						
Buchanan 680.	57-59	7	94	170	100	100	58-59	2	101	111	93	93
Buchanan 800.	58	2	96	183	107	94	58-59	2	84	138	103	95
" Ward 666	57-59	7	97	131	95	94	58-59	2	100	67	90	85
Clark 523												
" 978												
" 995												
Crib Filler 63.	62	3	88	117	97	93						
" 66.	62	3	100	122	107	84	62	1	113	89	103	108
" 70.	60	2	89	91	104	105						
" 72.	62	3	120	120	99	93						
" 78.							62	1	106	139	101	120
Crib Filler 116	62	3	106	93	95	107	60-62	2	102	111	95	99
" 123	62	3	100	84	94	99	62	1	107	85	98	110
" 134							62	1	105	156	96	95
" 138												
Coker 15.												
Coker 616												
DeKalb 414.	57-61	9	94	112	94	100						
" 423.	57	2	93	136	100	91						
" 427.	60-62	8	94	88	92	100	62	1	83	94	93	100
" 441.	60-62	8	92	71	93	107	60-62	2	91	81	94	97
DeKalb 444.	58-60	4	92	132	98	97	58	1	100	88	100	100
" 609.	57	2	97	129	93	100						
" 630.	57-59+61	10	96	125	98	97	58-61	4	90	145	98	94
" 633.	58-62	13	98	75	103	101	58-62	5	99	90	102	116
" 633A							61	1	101	67	98	116
DeKalb 640.	58-61	10	97	74	106	106	58-60	3	92	47	101	100
" 650A							60	1	91	75	102	92
" 660.	57-58	4	99	80	108	106	58	1	81	88	94	103
" 660A	59	3	99	81	94	105	59	1	92	0	93	100
" 803.	57	2	121	121	102	100						
DeKalb 803A	61	3	97	141	111	108	58	1	96	175	101	103
" 805.	62	3	117	105	105	99	62	1	112	129	94	113
" 810.												
" 812.	59-61	6	95	135	103	103	59+60-61	3	103	146	97	95
" 814.												

Table 2 continued

Variety	West of Blue Ridge						Northern Piedmont					
	Years tested	No. of tests	Yield	L&B	H2O	Q.S.	Years tested	No. of tests	Yield	L&B	H2O	Q.S.
DeKalb 824.												
" 837.	57+61-62	8	92	145	105	95	62	1	89	205	103	70
" 855.												
" 869.	61	3	91	138	107	95						
" 886.												
DeKalb 893.												
" 898A												
" 925W												
" 1004												
" 1006												
DeKalb 1051												
" 3X3.	57	2	102	86	94	85						
" XL361.												
Farmcroft 661	57	2	100	250	96	94						
" 88.	57	2	105	207	99	94						
Farmcroft 88-1.	57	2	94	136	102	69						
Funk G50.	57-58	4	94	110	90	106						
" G72.	60-62	8	98	47	95	109	60-62	3	104	128	92	125
" G75A	58	2	90	150	91	100						
" G76.	57-62	15	99	77	96	106	58-62	5	91	137	77	105
Funk G83.	61	3	96	57	99	104	61-62	2	94	126	102	109
" G91.	57-62	15	104	93	98	96	58-62	5	99	134	88	84
" G95A	57-59	7	97	108	99	88	58-59	2	96	111	91	78
" G96.	60-62	8	108	110	104	100	60-62	3	115	100	101	118
" G99.	57	2	89	93	101	81						
Funk G134	57-61	12	102	75	100	97	58-61	4	90	83	90	100
" G144	57-62	15	105	95	106	110	58-62	5	100	110	99	105
" G412W.												
" G509W.												
" G512W.												
Funk G702							61	1	106	167	115	95
" G704												
" G710AA												
" G711AA												
Goldline 378.							59-60	2	75	116	92	70
Goldline 379.							59-60	2	67	116	84	61
Hofmeyer 101.												
" H601							62	1	98	116	100	110
" Crib Filler.							62	1	98	116	100	110
" Early Harvest.							62	1	86	58	91	100

Southern Piedmont						Northern Coastal Plain						Southern Coastal Plain					
Years tested	No. of tests	Yield	L&B	H2O	Q.S.	Years tested	No. of tests	Yield	L&B	H2O	Q.S.	Years tested	No. of tests	Yield	L&B	H2O	Q.S.
57+60-62	7	95	151	98	95	62	2	104	93	103	105	62	2	92	225	100	102
59	1	111	82	103	103	57+60-62	8	77	99	99	87	57+60-62	8	103	145	139	119
59-61	6	93	47	100	96	57	1	107	33	101	112	57	2	110	50	91	118
61	2	83	68	112	98	59-61	6	100	103	103	103	60	2	99	90	98	87
						61	2	94	98	113	98	60-61	4	100	84	103	106
57	1	85	55	102	89	57	1	85	202	122	79	57	2	78	136	111	79
59-60	4	100	379	96	107	59	2	107	200	95	100	59-60	4	102	48	97	97
57	1	95	67	100	100	57	1	105	235	107	118	57	2	112	171	104	104
62	2	101	132	108	105												
62	2	106	78	114	107												
						57	1	75	251	115	82						
57	1	104	109	95	103							62	2	87	35	111	89
57	1	98	215	97	86												
60-61	4	97	100	92	96	60-61	4	101	52	87	106	60-61	4	86	50	90	100
57-62	11	98	275	91	103	57-62	9	101	110	90	94	61	2	88	50	93	116
												57-61	10	94	78	92	103
61	1	94	95	97	100	61-62	4	96	76	96	103						
57-59	5	99	79	92	86	57-62	12	100	87	95	88	57-62	12	99	90	95	88
60-62	6	111	76	98	102	57-59	5	101	54	110	90	57-59	6	97	76	104	84
						60-62	6	104	94	99	99	60-62	6	104	89	98	98
57-61	9	105	308	99	106	57-61	9	104	153	97	100	57-61	10	102	89	98	99
57-62	11	109	233	100	101	57-62	12	104	121	100	91	57-62	12	104	145	100	106
57	1	96	82	101	103	60-61	4	103	69	127	100						
						57+60-61	5	92	43	109	94						
60-61	4	100	81	107	104	60-62	6	96	73	106	110	60-62	6	101	164	104	114
57-59	5	97	69	99	94	57-59	5	108	99	125	107	57-60	8	97	110	118	94
												61	2	104	100	124	101
												61	2	102	150	124	100
						57+59-60	5	96	134	101	94						
57	1	72	70	97	68	59-60	4	100	113	93	97	57	2	64	71	100	61
61-62	4	99	68	104	98	57	1	62	55	107	65	61-62	4	110	86	103	105
61-62	4	98	72	103	101	61-62	4	100	115	103	106	61-62	4	105	119	103	102
57+61-62	5	92	329	95	106	61-62	4	103	89	102	103	61	2	80	0	94	90
						57+61-62	5	95	205	96	102						

Table 2 continued

Variety	West of Blue Ridge						Northern Piedmont					
	Years tested	No. of tests	Yield	L&B	H2O	Q.S.	Years tested	No. of tests	Yield	L&B	H2O	Q.S.
Hofmeyer Silver Queen												
Illinois 200.	57	2	92	100	107	103						
Iowa 4059	57	2	82	136	95	84						
Kentucky 105.												
" 203.												
Kenworthy 39.	57	2	92	114	107	103						
" 49.	60	2	85	45	97	96	60	1	98	100	95	133
" 50.	58-60	7	98	41	99	103	58-60	3	106	123	104	93
" 55.	57-60	9	100	83	104	97	58-60	3	96	116	100	83
McNair 304.												
McNair 304A												
" 444.												
Muncy Chief 276												
" " 306	59	3	70	175	75	73	59	1	53	0	79	67
" " 398	61	3	103	134	88	96	58+61	2	116	184	91	106
Muncy Chief 520							58-59	2	98	67	95	85
" " 522	59-61	6	95	129	93	97	61	1	95	100	94	100
" " 760	61	3	99	77	106	98	61	1	100	89	92	93
" " 780	59-61	8	99	83	100	91	58-59+61	3	99	100	98	100
" " 802	59-61	6	103	81	92	86	61	1	94	56	97	95
Muncy Chief H276.												
" " H398.												
" " H520.												
Nebraska 501D	58	2	88	100	83	67	58	1	91	50	102	87
New Jersey 8.	57	2	97	107	95	87						
North Carolina 4057												
" " 5022												
Ohio C54.	57-58	4	101	60	97	100	58	1	88	163	94	103
" L94.	57	2	103	50	107	81						
" W64.	57-59	7	92	92	91	97						
O & M G761.												
" G765.												
PAG 285	62	3	102	49	88	102						
" 403												
" 415												
PAG 418	60-62	8	111	90	101	115	60-62	3	109	63	100	118
" 434							60-62	3	110	60	100	103
" 436							61	1	106	89	116	114
" 444							60-62	3	111	51	101	104
" 488												

Southern Piedmont						Northern Coastal Plain						Southern Coastal Plain					
Years tested	No. of tests	Yield	L&B	H2O	Q.S.	Years tested	No. of tests	Yield	L&B	H2O	Q.S.	Years tested	No. of tests	Yield	L&B	H2O	Q.S.
57	1	98	127	104	95	57	1	108	98	97	103	57	2	93	114	98	100
57	1	80	142	99	89	57	1	92	127	117	74	57	2	60	107	101	68
57	1	80	142	99	89	57	1	94	186	106	88	57	2	60	107	101	68
58	2	96	78	100	95	57-58	3	98	68	103	97	57	2	93	0	98	100
58	2	89	117	103	97	57-58	3	98	68	103	97	57-58	4	106	144	99	97
58	2	102	150	98	95	58	2	102	150	98	95	59	2	84	100	102	97
57	1	82	42	103	86	57	1	82	42	103	86	62	2	98	38	117	111
57	1	81	73	100	86	57	1	81	73	100	86	60	2	94	111	122	102
57-58	3	102	122	94	97	57-58	3	102	122	94	97	57	2	101	164	115	82
57	1	82	42	103	86	57	1	82	42	103	86	57	2	90	57	106	107
57	1	81	73	100	86	57	1	81	73	100	86	57-58	4	91	122	95	110
57-58	3	102	122	94	97	57-58	3	102	122	94	97	57-58	4	91	122	95	110
57-58	3	88	157	97	86	57	1	105	44	92	103	62	2	97	50	100	88
59-60	4	102	38	94	103	60	2	100	25	95	92	62	2	93	150	97	95
59-60	4	102	38	94	103	60	2	100	25	95	92	57-58	4	96	61	95	97
61	2	96	176	98	98	60-61	4	95	134	100	94	59-60	4	91	40	96	86
59-62	8	108	40	100	104	59-62	8	91	62	99	107	60-61	4	95	134	100	94
61-62	4	105	129	103	99	61-62	4	100	63	105	98	59-62	8	91	62	99	107
57-62	11	106	166	101	98	57-62	12	102	70	106	97	61-62	4	100	63	105	98
62	2	94	120	123	110	62	2	94	175	96	100	57-62	12	102	70	106	97
62	2	94	120	123	110	62	2	94	175	96	100	62	2	94	175	96	100

Table 2 continued

Variety	West of Blue Ridge						Northern Piedmont					
	Years tested	No. of tests	Yield	L&B	H2O	Q.S.	Years tested	No. of tests	Yield	L&B	H2O	Q.S.
PAG SX14. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
" SX19. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
" SX29. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
Park 400.	57-58	4	103	135	103	103	58	1	87	75	100	89
Pennsylvania 711.	57-58	4	99	120	95	109	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
Pennsylvania 807.	58	2	100	166	105	112	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
Pioneer 300H.	58-62	13	103	78	104	99	58-59	2	114	45	100	93
" 301A. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	58-59	2	99	45	91	93
" 305. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	58-59	2	106	111	96	89
" 305A. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
Pioneer 309A. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
" 309B. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
" 310.	62	3	112	46	108	94	62	1	115	61	98	110
" 312A. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	58-60	3	114	70	106	103
" 313D. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
Pioneer 317A.	58-59	5	95	99	98	97	58-60	3	99	86	97	90
" 318. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
" 318A. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	61-62	2	102	55	96	77
" 319.	58-59	2	102	108	97	89	58-62	5	111	91	93	92
" 319E.	62	2	101	74	90	101	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
Pioneer 323. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	61-62	2	103	39	109	82
" 325A. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	61-62	2	105	53	94	93
" 329.	57-61	12	97	90	94	91	58-60	3	105	77	89	90
" 332-2A. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
" 338A.	57	2	94	57	105	72	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
Pioneer 342A.	57-60	9	92	138	85	97	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
" 342B.	59+62	11	98	144	90	96	59	1	102	0	86	67
" 345.	57-58+60-61	9	102	116	86	97	60-61	2	113	39	89	116
" 345A.	59-61	11	107	109	93	101	60-62	3	109	65	91	114
" 354.	57-58+60-61	9	100	93	88	94	58+60-61	3	91	129	87	97
Pioneer 354A.	60	2	89	91	93	89	60	1	89	50	87	83
" 371.	60-61	5	89	123	76	84	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
" 510. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
" 1097. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
" 3131. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
Pioneer 3164. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
" 3166.	62	3	116	78	105	96	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
" 3350. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
" 5555. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	62	1	108	97	96	88
" 5654.	62	3	99	132	91	92	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .

Southern Piedmont						Northern Coastal Plain						Southern Coastal Plain					
Years tested	No. of tests	Yield	L&B	H2O	Q.S.	Years tested	No. of tests	Yield	L&B	H2O	Q.S.	Years tested	No. of tests	Yield	L&B	H2O	Q.S.
61	2	92	7	105	92	62	1	113	95	94	118						
61	2	116	81	91	104	62	1	60	113	100	118						
57	1	99	97	98	103	57	1	112	38	87	88	57	2	118	64	91	132
57-62	11	102	213	99	100	57-62	11	103	140	97	104	57-62	12	104	106	97	100
57-59	5	97	90	97	110	57-59	5	102	119	109	103	57-59	6	98	112	92	97
58+60	4	93	112	96	88	58-60	6	97	70	97	97						
59	2	95	71	97	90												
57-59	5	96	42	110	116	57-58	5	103	75	118	109	57-61	10	106	92	115	106
62	2	110	30	105	112	58	2	105	82	130	129	57-61	10	104	82	119	116
57-62	11	100	188	104	100	62	2	113	73	103	124	62	2	109	125	101	114
57	1	90	182	98	86	57-62	11	109	141	105	107	57-62	12	102	78	105	100
						57	1	90	126	96	94	57	2	90	121	101	79
57-60	7	102	154	95	100	60	2	100	25	93	96	57-60	4	92	71	97	103
60	2	100	135	94	100	61	2	98	104	92	98	61	2	100	50	93	91
60	2	95	81	93	98	60	2	97	63	91	107	60-61	4	102	153	94	89
						61-62	4	94	93	93	100						
58-62	10	102	71	90	101	60-61	4	96	103	88	97	60-61	4	95	168	91	91
57-58	3	102	112	98	92	57-58	3	108	66	97	109	58	2	110	175	95	103
57-58	3	102	108	95	92	57-58	3	101	62	89	94	57-59	6	94	120	91	90
57	1	101	152	99	95	57	1	93	27	85	126						
61	2	102	142	94	98	61	2	92	115	91	103	61	2	106	200	92	100
						60	2	101	155	84	95	60	2	87	127	86	96
57	1	78	94	99	103	57	1	76	60	88	88	57	2	77	100	100	71
57	1	106	15	108	103	57	1	82	38	122	79	57	2	89	64	126	104
						62	2	96	47	102	102	62	2	96	13	104	89
												62	2	96	25	103	94
62	2	103	73	97	101												

Table 2 continued

Variety	West of Blue Ridge						Northern Piedmont					
	Years tested	No. of tests	Yield	L&B	H2O	Q.S.	Years tested	No. of tests	Yield	L&B	H2O	Q.S.
Pioneer 6425.												
Rink R202A.	60	2	94	182	78	71						
" R202AA	61	3	84	103	84	96						
" R450	61	3	88	43	85	79						
" R488A.	61	3	99	214	100	87						
Rink R500A.	61	3	87	130	90	93						
Ruff 108.	57-58	4	105	130	105	121	58	1	89	175	102	82
" 188.	57-61	12	100	52	103	106	58-59	2	99	44	93	93
" 260.	61	3	107	72	103	93						
" 304.	61	3	103	61	107	106						
Ruff 320.	58-60	7	99	143	101	103	58-59	2	114	22	97	111
Southern States Catawba .	59-62	11	99	101	111	98	59-62	4	132	197	142	130
" " Cherokee.	59-62	11	92	134	105	98	59-62	4	100	115	104	107
" " Matoaka .	60-62	7	105	129	106	109	60-62	3	111	102	100	127
" " Mohawk. .												
Southern States Munsee. .	59-62	11	95	124	108	107	59-62	4	95	95	110	96
" " Pocahontas	57-58+62	7	95	130	100	108	58+61-62	3	129	106	92	100
" " Shawnee	59-62	11	91	145	92	95	59-62	4	89	113	89	82
" " 903W. . .												
Supercrost 214.	60	2	89	23	88	80						
Supercrost 340.	61	3	97	84	86	95						
" 437.	61	3	97	95	93	106						
" 660.												
" 680.												
" 690(88E)							58-61	4	102	26	92	101
Supercrost 695(C2F) . . .							60	1	73	75	102	58
" 747.												
" 840.							58	1	84	63	100	82
" 850.												
" 851(C1F)							60-61	2	105	45	100	122
Supercrost 890.							61	1	94	67	98	107
" 891.												
" 1005							61	1	98	144	95	93
" 1005A.							60	1	79	175	96	44
Tennessee 604												
Tennessee 4114.												
" 4406B												
" 5001.												
Thompson 101.	61-62	6	107	106	110	103	61-62	2	101	120	107	104
" 102.	61-62	6	99	83	108	101	61-62	2	103	137	109	101

Southern Piedmont						Northern Coastal Plain						Southern Coastal Plain					
Years tested	No. of tests	Yield	L&B	H2O	Q.S.	Years tested	No. of tests	Yield	L&B	H2O	Q.S.	Years tested	No. of tests	Yield	L&B	H2O	Q.S.
.....	.....	.....	.....	.....	.....	62	2	94	65	110	92	.....	.....	.....	.....	.....	.....
.....
.....
.....
.....
58	2	101	106	96	95	58	2	92	91	95	93	.....	.....	.....	.....	.....	.....
.....
.....
.....
59-62	8	101	131	104	100	59-62	8	103	138	105	103	59-62	8	104	119	101	103
59-62	8	100	84	99	101	59-62	8	99	133	103	102	59-62	8	97	138	101	97
60-62	6	100	95	102	106	60-62	6	98	131	99	98	60-62	6	100	119	99	94
57-59	5	100	92	94	94	57	1	93	207	97	94	.....	.....	.....	.....	.....	.....
.....
59-62	8	98	118	104	97	59-62	8	99	101	103	102	59-62	8	96	149	101	102
57-62	11	101	285	93	101	57-62	11	96	168	92	101	57-62	10	97	124	91	100
59-62	8	91	115	93	87	59-62	8	90	133	92	91	59-61	6	87	90	92	94
57-58	3	95	71	103	108	57-58	2	103	141	106	97	57-58	4	112	133	103	103
.....
.....
.....
.....	.....	.....	.....	.....	.....	57	1	102	66	89	109	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	58	1	91	82	92	91	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	58-61	8	97	58	94	97	.....	.....	.....	.....	.....	.....
.....
.....
.....	.....	.....	.....	.....	.....	59-61	6	102	54	99	100	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	62	2	95	125	96	91	.....	.....	.....	.....	.....	.....
58	2	98	217	94	97	57-58	3	99	94	97	97	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	57-58	3	94	148	90	97	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	59-60+62	6	99	114	100	99	.....	.....	.....	.....	.....	.....
.....
.....	.....	.....	.....	.....	.....	61	2	98	160	98	93	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	62	2	97	63	97	109	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	61	2	98	75	93	103	.....	.....	.....	.....	.....	.....
58	2	99	156	100	92	57-59	5	98	103	112	117	58	2	100	150	93	90
61	2	102	155	106	98	.....	.....	.....	.....	.....	.....	61	2	107	200	101	96
.....
.....
57	1	107	45	100	108	.....	.....	.....	.....	.....	.....	57	2	89	79	109	96
57	1	104	88	101	113	.....	.....	.....	.....	.....	.....	57	2	110	86	95	121
57	1	98	124	99	113	.....	.....	.....	.....	.....	.....	57	2	99	43	94	111
61	2	109	95	103	110	61	2	105	101	108	107	61	2	112	50	103	99
61	2	94	61	105	106	61	2	100	101	102	98	61	2	105	100	104	106

Table 2 continued

Variety	West of Blue Ridge						Northern Piedmont					
	Years tested	No. of tests	Yield	L&B	H2O	Q.S.	Years tested	No. of tests	Yield	L&B	H2O	Q.S.
Todd 252.	57	2	89	121	93	103						
" 409.	57	2	91	136	91	97						
" 602.	57-58	4	100	115	96	103	58-59	2	106	67	98	111
" 617.							58	1	80	50	92	89
" 620B							59	1	47	0	85	67
Todd 630.							58-59	2	97	44	95	89
" 635.							59-61	2	100	30	93	97
" 642.	57-58	4	103	140	99	100	58	1	93	88	102	95
" 645.							58+61	2	101	65	98	100
" 646.												
Todd 840.												
" 855.							61	1	98	78	123	95
" 870.												
US 13	57-61	12	100	160	97	91	59-61	3	102	157	97	94
" 262A												
US 505.	57-58	4	104	80	109	103	58	1	99	113	104	113
" 523W												
" 578.												
Va 4.	60-62	8	114	107	99	110	60-62	3	114	95	90	128
" 30												
Va 32	60-61	5	101	195	93	106	60-61	2	107	126	90	122
" 148C	59-62	10	108	163	102	98	60-62	3	115	123	101	124
" 160.							60	1	128	175	100	133
" 162.	61	1	99	149	140	114						
" 219.	61-62	6	109	104	104	107	60-62	2	109	97	105	113
Va 227.	62	3	113	116	110	111	62	1	101	103	112	110
" 556.	59-61	8	105	182	104	103	58-61	4	108	160	105	106
" 733.							58	1	85	138	114	108
VPI 426	57-62	15	97	159	101	109	58-62	5	99	54	97	98
" 639	59-61	8	98	188	104	103	59-61	3	99	166	106	107
VPI 645	57	2	98	150	111	75						
" 646	57-62	15	101	148	106	98	58-62	5	102	125	105	99
" 648	57-62	15	103	127	106	100	58-62	5	106	91	103	109
" 653	57+59-60	7	116	179	104	109	58-60	3	107	133	105	107
" 730W.	57	2	89	157	98	97						
Watson 401.												
West Virginia B25	57	2	95	214	93	100						
Wheeler Gold Valley	62	3	97	119	110	97	62	1	99	147	106	103
" Pinnacle.	62	3	90	65	105	94	62	1	95	110	105	85
Wood V26Y	57-62	15	101	91	103	99	58-62	5	99	66	103	102
Wood V30.	57-59	7	104	100	104	100	58-60	3	106	47	103	103
" V44.	57-59	7	104	83	107	112	57-61	5	103	102	107	106
" V51A												
" V125W.												
" V1027.	57	2	105	86	102	119						

Southern Piedmont						Northern Coastal Plain						Southern Coastal Plain					
Years tested	No. of tests	Yield	L&B	H ₂ O	Q.S.	Years tested	No. of tests	Yield	L&B	H ₂ O	Q.S.	Years tested	No. of tests	Yield	L&B	H ₂ O	Q.S.
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	57	2	101	71	85	111
.....	.....	.....	.....	.....	.....	57-59	5	96	75	112	120	58-60	6	111	103	109	97
.....	.....	.....	.....	.....	.....	59	2	91	113	84	100	58-59	4	92	73	87	85
58-59+61	6	94	204	96	100	58-61	8	104	121	96	103	58-59+61	6	92	47	99	103
61	2	94	108	96	92	58	2	94	82	92	97	57-58	4	100	122	94	100
.....	.....	.....	.....	.....	.....	58-59+61	6	97	76	92	113	61	2	91	50	95	97
.....
58	2	103	183	99	97	58	2	102	164	104	91	.....	.....	.....	.....	.....	.....
61	2	102	41	108	98	61	2	102	93	103	90	61	2	98	0	102	88
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	57	2	92	50	93	79
57-58	3	104	208	99	92	57-58	3	101	129	95	103	57	2	115	179	95	104
57-58	3	91	137	110	95	57-58	3	114	201	119	103	57-59	6	110	181	111	106
.....
57-58	3	103	41	102	100	57-58	3	103	139	105	100	57-58	4	108	156	97	100
57-58	3	103	90	110	100	57-58	3	107	245	109	100	57-58	4	110	133	108	107
.....	.....	.....	.....	.....	.....	57	1	85	137	118	79	57-59	6	110	177	112	106
60-62	6	99	86	99	105	60-62	6	100	86	95	110	60-61	4	96	53	96	100
59-61	6	101	49	99	96	59-61	6	99	266	99	103	59-61	6	85	114	96	100
.....
61	2	94	95	94	94	.....	.....	.....	.....	.....	.....	61	2	89	150	91	99
58-62	9	105	224	103	100	59-62	8	103	110	96	99	57+59-62	10	102	94	100	103
60-61	4	103	74	97	107	59-61	6	103	108	95	100	60-61	4	101	134	97	109
59-61	6	102	55	99	104	59-61	4	111	112	101	94	59-61	6	100	81	97	97
59-61	6	103	165	102	100	61-62	4	110	106	103	103	60-62	6	103	65	101	106
.....
59-61	6	111	82	106	102	61-62	4	107	117	112	107	61	2	103	150	69	103
58-61	8	105	51	100	103	58-61	8	109	82	102	103	58-61	8	120	81	111	103
58-61	8	100	27	100	103	58-61	8	96	101	103	103	58-61	8	111	62	111	97
57-59	5	95	171	96	91	57-59	5	93	23	114	100	57-61	10	91	71	96	97
59-61	6	99	64	100	100	59-61	6	96	97	104	106	58-61	8	113	75	113	97
.....
57	1	98	91	97	95	57	1	100	66	108	79	57	2	100	71	97	89
57-62	11	98	287	101	100	57-62	11	103	187	101	94	57-62	12	103	107	100	102
57-62	11	106	140	102	107	57-62	11	102	148	104	105	57-62	12	97	92	101	103
57-60	7	100	168	101	106	57-60	7	103	87	104	106	57-60	8	123	146	112	100
57	1	90	112	98	95	57	1	83	87	98	88	57	2	101	121	98	100
.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	62	2	110	25	104	106
.....
62	2	99	68	104	108	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
62	2	101	170	101	116	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
57-62	9	99	192	101	99	57-59+61	7	96	140	96	100	59-61	10	98	80	99	94
.....
57-60	7	101	211	102	97	58-59	4	98	105	102	97	57-60	8	101	102	114	94
57-62	11	100	216	106	107	57-62	9	102	130	104	117	57-62	12	105	122	104	106
60	1	75	556	111	95	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
57-58	3	99	100	101	108	57-58+61	5	101	143	102	97	57-58	4	108	228	101	100
57	1	88	173	100	103	57	1	27	27	138	110	57	2	108	107	100	104