

Early Chip Potato Variety Trial, 2001

General Comments:

Potato clones in this trial are new to the variety evaluation program. At this stage seed supplies are usually limited. To maintain a replicated trial with a small seed lot, plot length is reduced to eight feet. Chip data is not taken.

Planting Site:	Hastings REC, Yelvington Farm
Planting Date:	February 13, 2001
Harvest Date:	June 4, 2001
Season Length:	104 days
Replications:	4
Plot Size:	8 ft
Row Spacing:	12 inches in-row, 40 inches between-row
Fertilizer:	preplant, 168-24-144 lb/A; sidedress, 98-14-84 lb/A
Number of Varieties:Clones:	3:36
Early Plant Size (Early Vigor):	41 days after planting
Highest Total Yield:	Snowden (477 cwt/acre)
Highest Marketable Yield:	Snowden (454 cwt/acre)
Best Overall Tuber Appearance:	AF2206-7 (7.0), AF2211-14 (7.0), AF2222-4 (7.0), AF2222-5 (7.0)

Specific Comments:

Atlantic (MFX). Atlantic is the standard chip potato grown in Florida. It was used as a standard in this trial for comparison with all other varieties and clones. Total and marketable yield were 399 and 371 cwt/acre, respectively. Potato tuber skin color was tan to buff with a russet to netted texture. Tuber flesh color was white. Tuber shape was rated as round to oblong with an eye depth of intermediate to shallow. Overall external tuber appearance was noted as fair to good. Early plant size was rated between 2-4 inches. Plant type at full flower was scored as upright with a good canopy. Plant maturity at harvest was rated as moderately mature to yellow and dying. Average specific gravity for Atlantic tubers was 1.079.

La Chipper (MFX). Total and marketable yield were 338 and 318 cwt/acre, respectively. Potato tuber skin color was buff to white with a slightly netted to moderately texture. Tuber flesh color was white. Tuber shape was rated as mostly round with an eye depth of intermediate to shallow. Overall external tuber appearance was noted as fair to good. Early plant size was rated between 4-6 inches. Plant type at full flower was scored as decumbent with a good canopy. Plant maturity at harvest was rated as yellow and dying to completely dead. Average specific gravity for La Chipper tubers was 1.074.

Snowden (MFX). Total and marketable yield were 477 and 454 cwt/acre, respectively. Potato tuber skin color was buff with a netted to slightly netted texture. Tuber flesh color was white. Tuber shape was rated as round to oblong with an eye depth of intermediate to shallow. Overall external tuber appearance was noted as fair to good. Early plant size was rated between 4-6 inches. Plant type at full flower was scored as spreading to upright with a good canopy. Plant maturity at harvest was rated as moderately mature to yellow and dying. Average specific gravity for Snowden tubers was 1.079.

AF2206-7 (UM). Total and marketable yield were 236 and 229 cwt/acre, respectively. Potato tuber skin color was buff to white with a netted to slightly netted texture. Tuber flesh color was white. Tuber shape was rated as mostly round with an eye depth of intermediate to shallow. Overall external tuber appearance was noted as good. Early plant size was rated between 8-10 inches. Plant type at full flower was scored as decumbent to spreading with a fair canopy. Plant maturity at harvest was rated as yellow and dying to completely dead. Average specific gravity for AF2206-7 tubers was 1.084.

AF2207-4 (UM). Total and marketable yield were 224 and 182 cwt/acre, respectively. Potato tuber skin color was

tan to buff with a netted texture. Tuber flesh color was white. Tuber shape was rated as round to oblong to mostly oblong with an eye depth of intermediate to shallow. Overall external tuber appearance was noted as fair to good. Early plant size was rated between 6-8 inches. Plant type at full flower was scored as decumbent to spreading with a good canopy. Plant maturity at harvest was rated as yellow and dying to completely dead. Average specific gravity for AF2207-4 tubers was 1.083.

AF2210-3 (UM). Total and marketable yield were 215 and 192 cwt/acre, respectively. Potato tuber skin color was buff with a netted to slightly netted texture. Tuber flesh color was white. Tuber shape was rated as round to oblong with an eye depth of shallow. Overall external tuber appearance was noted as good. Early plant size was rated between 6-8 inches. Plant type at full flower was scored as spreading with a fair canopy. Plant maturity at harvest was rated as completely dead. Average specific gravity for AF2210-3 tubers was 1.071.

AF2211-2 (UM). Total and marketable yield were 314 and 242 cwt/acre, respectively. Potato tuber skin color was buff with a netted to slightly netted texture. Tuber flesh color was white. Tuber shape was rated as round to oblong with an eye depth of intermediate to shallow. Overall external tuber appearance was noted as poor to fair. Early plant size was rated as most plants two inches or less. Plant type at full flower was scored as upright with a fair to good canopy. Plant maturity at harvest was rated as moderately mature to yellow and dying. Average specific gravity for AF2211-2 tubers was 1.079.

AF2211-4 (UM). Total and marketable yield were 337 and 308 cwt/acre, respectively. Potato tuber skin color was tan with a netted texture. Tuber flesh color was white. Tuber shape was rated as round to oblong to mostly oblong with an eye depth of intermediate to shallow. Overall external tuber appearance was noted as fair to good. Early plant size was rated as most plants two inches or less. Plant type at full flower was scored as upright with a fair to good canopy. Plant maturity at harvest was rated as moderately mature to yellow and dying. Average specific gravity for AF2211-4 tubers was 1.079.

AF2211-6 (UM). Total and marketable yield were 198 and 191 cwt/acre, respectively. Potato tuber skin color was tan with a russet to netted texture. Tuber flesh color was white. Tuber shape was rated as mostly round with an eye depth of intermediate to shallow. Overall external tuber appearance was noted as fair to good. Early plant size was rated as between 2-4 inches. Plant type at full flower was scored as upright with a fair to good canopy. Plant maturity at harvest was rated as yellow and dying to completely dead. Average specific gravity for AF2211-6 tubers was 1.075.

AF2211-9 (UM). Total and marketable yield were 331 and 305 cwt/acre, respectively. Potato tuber skin color was tan to buff with a netted to slightly netted texture. Tuber flesh color was white. Tuber shape was rated as mostly round with an eye depth of intermediate to shallow. Overall external tuber appearance was noted as fair to good. Early plant size was rated between 6-8 inches. Plant type at full flower was scored as spreading with a fair to good canopy. Plant maturity at harvest was rated as yellow and dying to completely dead. Average specific gravity for AF2211-9 tubers was 1.075.

AF2211-14 (UM). Total and marketable yield were 192 and 166 cwt/acre, respectively. Potato tuber skin color was buff with a netted to slightly netted texture. Tuber flesh color was white. Tuber shape was rated as mostly round with an eye depth of shallow to very shallow. Overall external tuber appearance was noted as good. Early plant size was rated between 4-6 inches. Plant type at full flower was scored as spreading with a poor to fair canopy. Plant maturity at harvest was rated as yellow and dying to completely dead. Average specific gravity for AF2211-14 tubers was 1.089.

AF2215-1 (UM). Total and marketable yield were 249 and 241 cwt/acre, respectively. Potato tuber skin color was tan to buff with a netted to slightly netted texture. Tuber flesh color was white. Tuber shape was rated as round to oblong with an eye depth of intermediate to shallow. Overall external tuber appearance was noted as fair to good. Early plant size was rated between 2-4 inches. Plant type at full flower was scored as upright with a poor to fair canopy. Plant maturity at harvest was rated as moderately mature to yellow and dying. Average specific gravity for AF2215-1 tubers was 1.087.

AF2215-4 (UM). Total and marketable yield were 342 and 315 cwt/acre, respectively. Potato tuber skin color was tan to buff with a netted to slightly netted texture. Tuber flesh color was white. Tuber shape was rated as round to

oblong with an eye depth of intermediate to shallow. Overall external tuber appearance was noted as fair to good. Early plant size was rated between 2 to 4 inches. Plant type at full flower was scored as spreading with a good canopy. Plant maturity at harvest was rated as yellow and dying to completely dead. Average specific gravity for AF2215-4 tubers was 1.080.

AF2215-5 (UM). Total and marketable yield were 173 and 147 cwt/acre, respectively. Potato tuber skin color was buff to white with a netted to slightly netted texture. Tuber flesh color was white to cream. Tuber shape was rated as round to mostly round with an eye depth of intermediate to shallow. Overall external tuber appearance was noted as fair to good. Early plant size was rated between 2 to 4 inches. Plant type at full flower was scored as spreading to upright with a poor canopy. Plant maturity at harvest was rated as yellow and dying to completely dead. Average specific gravity for AF2215-5 tubers was 1.086.

AF2217-3 (UM). Total and marketable yield were 245 and 223 cwt/acre, respectively. Potato tuber skin color was buff to white with a netted to slightly netted texture. Tuber flesh color was white. Tuber shape was rated as mostly round with an eye depth of shallow to very shallow. Overall external tuber appearance was noted as fair to good. Early plant size was rated between 2 to 4 inches. Plant type at full flower was scored as spreading with a fair to good canopy. Plant maturity at harvest was rated as yellow and dying to completely dead. Average specific gravity for AF2217-3 tubers was 1.082.

AF2220-2 (UM). Total and marketable yield were 185 and 179 cwt/acre, respectively. Potato tuber skin color was buff with a netted to slightly netted texture. Tuber flesh color was white. Tuber shape was rated as round to oblong with an eye depth of shallow. Overall external tuber appearance was noted as fair to good. Early plant size was rated as most plants two inches or less. Plant type at full flower was scored as upright with a poor to fair canopy. Plant maturity at harvest was rated as yellow and dying. Average specific gravity for AF2220-2 tubers was 1.073.

AF2220-3 (UM). Total and marketable yield were 187 and 178 cwt/acre, respectively. Potato tuber skin color was buff to white with a netted texture. Tuber flesh color was white. Tuber shape was rated as round to oblong to mostly oblong with an eye depth of shallow. Overall external tuber appearance was noted as fair to good. Early plant size was rated between 2 to 4 inches. Plant type at full flower was scored as spreading with a fair canopy. Plant maturity at harvest was rated as yellow and dying to completely dead. Average specific gravity for AF2220-3 tubers was 1.076.

AF2220-7 (UM). Total and marketable yield were 259 and 243 cwt/acre, respectively. Potato tuber skin color was buff to white with a netted to slightly netted texture. Tuber flesh color was white. Tuber shape was rated as round to oblong with an eye depth of intermediate to shallow. Overall external tuber appearance was noted as fair. Early plant size was rated between 2 to 4 inches. Plant type at full flower was noted as spreading with a fair canopy. Plant maturity at harvest was scored as yellow and dying to completely dead. Average specific gravity for AF2220-7 tubers was 1.069.

AF2222-2 (UM). Total and marketable yield were 283 and 239 cwt/acre, respectively. Potato tuber skin color was tan to buff with a netted to slightly netted texture. Tuber flesh color was white. Tuber shape was rated as round with an eye depth of shallow. Overall external tuber appearance was noted as fair to good. Early plant size was rated between 4 to 6 inches. Plant type at full flower was scored as spreading to upright with a fair canopy. Plant maturity at harvest was rated as yellow and dying to completely dead. Average specific gravity for AF2222-2 tubers was 1.078.

AF2222-3 (UM). Total and marketable yield were 399 and 385 cwt/acre, respectively. Potato tuber skin color was buff to white with a slightly netted texture. Tuber flesh color was white. Tuber shape was rated as round to oblong with an eye depth of intermediate to shallow. Overall external tuber appearance was noted as fair to good. Early plant size was rated between 2 to 4 inches. Plant type at full flower was scored as spreading to upright with a good canopy. Plant maturity at harvest was rated as moderately mature to yellow and dying. Average specific gravity for AF2222-3 tubers was 1.079.

AF2222-4 (UM). Total and marketable yield were 194 and 168 cwt/acre, respectively. Potato tuber skin color was tan to buff with a netted to slightly netted texture. Tuber flesh was cream. Tuber shape was rated as mostly round with an eye depth of shallow to very shallow. Overall external tuber appearance was noted as good. Early plant size

was rated between 6 to 8 inches. Plant type at full flower was scored as spreading with a poor to fair canopy. Plant maturity at harvest was rated as yellow and dying to completely dead. Average specific gravity for AF2222-4 tubers was 1.075.

AF2222-5 (UM). Total and marketable yield were 319 and 305 cwt/acre, respectively. Potato tuber skin color was tan to buff with a netted to slightly netted texture. Tuber flesh color was white to cream. Tuber shape was rated as round to oblong with an eye depth of shallow. Overall external tuber appearance was noted as good. Early plant size was rated between 4 to 6 inches. Plant type at full flower was scored as spreading with a good canopy. Plant maturity at harvest was rated as yellow and dying to completely dead. Average specific gravity for AF2222-5 tubers was 1.071.

AF2230-2 (UM). Total and marketable yield were 347 and 329 cwt/acre, respectively. Potato tuber skin color was tan with a netted to slightly netted texture. Tuber flesh color was white. Tuber shape was rated as round to oblong with an eye depth of deep. Overall external tuber appearance was noted as fair. Early plant size was rated as plants emerged with leaves still clustered in a rosette. Plant type at full flower was scored as upright with a good canopy. Plant maturity at harvest was rated as moderately mature to yellow and dying. Average specific gravity for AF2230-2 tubers was 1.064.

AF2242-10 (UM). Total and marketable yield were 207 and 192 cwt/acre, respectively. Potato tuber skin color was buff to white with a netted to slightly netted texture. Tuber flesh color was white to cream. Tuber shape was rated as round to oblong with an eye depth of shallow. Overall external tuber appearance was noted as fair to good. Early plant size was rated between 8 to 10 inches. Plant type at full flower was scored as decumbent with a fair canopy. Plant maturity at harvest was rated as yellow and dying to completely dead. Average specific gravity for AF2242-10 tubers was 1.086.

ARSW97-4287-2 (USDA). Total and marketable yield were 274 and 242 cwt/acre, respectively. Potato tuber skin color was tan to buff with a netted to slightly netted texture. Tuber flesh color was white. Tuber shape was rated as mostly oblong with an eye depth of shallow. Overall external tuber appearance was noted as fair to good. Early plant size was rated between 4 to 6 inches. Plant type at full flower was scored as spreading with a fair canopy. Plant maturity at harvest was rated as yellow and dying to completely dead. Average specific gravity for ARSW97-4287-2 tubers was 1.071.

B1441-9 (USDA). Total and marketable yield were 156 and 145 cwt/acre, respectively. Potato tuber skin color was tan to buff with a netted to slightly netted texture. Tuber flesh color was cream. Tuber shape was rated as round to oblong with an eye depth of intermediate to shallow. Overall external tuber appearance was noted as fair to good. Early plant size was rated between 6 to 8 inches. Plant type at full flower was scored as upright with a fair canopy. Plant maturity at harvest was rated as yellow and dying to completely dead. Average specific gravity for B1441-9 tubers was 1.064.

B1970-1 (USDA). Total and marketable yield were 314 and 274 cwt/acre, respectively. Potato tuber skin color was buff to white with a netted to slightly netted texture. Tuber flesh color was cream. Tuber shape was rated as oblong with an eye depth of intermediate to shallow. Overall external tuber appearance was noted as poor to fair. Early plant size was rated between 4 to 6 inches. Plant type at full flower was scored as spreading with a fair to good canopy. Plant maturity at harvest was rated as yellow and dying to completely dead. Average specific gravity for B1970-1 tubers was 1.074.

B1970-9 (USDA). Total and marketable yield were 224 and 197 cwt/acre, respectively. Potato tuber skin color was buff with a netted texture. Tuber flesh was cream. Tuber shape was rated as oblong to mostly oblong with an eye depth of intermediate to shallow. Overall external tuber appearance was noted as poor to fair. Early plant size was rated between 2 to 4 inches. Plant type at full flower was scored as upright with a poor to fair canopy. Plant maturity at harvest was rated as yellow and dying to completely dead. Average specific gravity for B1970-9 tubers was 1.079.

B1970-11 (USDA). Total and marketable yield were 336 and 298 cwt/acre, respectively. Potato tuber skin color was buff to white with a netted to slightly netted texture. Tuber flesh was cream. Tuber shape was rated as oblong with an eye depth of shallow. Overall external tuber appearance was noted as fair to good. Early plant size was

rated between 4 to 6 inches. Plant type at full flower was scored as upright with a good canopy. Plant maturity at harvest was rated as yellow and dying to completely dead. Average specific gravity for B1970-11 tubers was 1.078.

B1971-11 (USDA). Total and marketable yield were 331 and 292 cwt/acre, respectively. Potato tuber skin color was tan to buff with a netted texture. Tuber flesh color was white. Tuber shape was rated as round to oblong with an eye depth of intermediate to shallow. Overall external tuber appearance was noted as fair to good. Early plant size was rated between 4 to 6 inches. Plant type at full flower was scored as upright with a good canopy. Plant maturity at harvest was rated as moderately mature to yellow and dying. Average specific gravity for B1971-11 tubers was 1.066.

B1973-13 (USDA). Total and marketable yield were 121 and 86 cwt/acre, respectively. Potato tuber skin color was buff to white with a netted to slightly netted texture. Tuber flesh color was white. Tuber shape was rated as round to oblong with an eye depth of shallow. Overall external tuber appearance was noted as poor to fair. Early plant size was rated between 2 to 4 inches. Plant type at full flower was scored as spreading with a poor to fair canopy. Plant maturity at harvest was rated as yellow and dying to completely dead. Average specific gravity for B1973-13 tubers was 1.070.

B1976-4 (USDA). Total and marketable yield were 56 and 38 cwt/acre, respectively. Potato tuber skin color was buff to white with a netted to slightly netted texture. Tuber flesh color was white. Tuber shape was rated as mostly round with an eye depth of intermediate to shallow. Overall external tuber appearance was noted as fair. Early plant size was rated between 2 to 4 inches. Plant type at full flower was scored as decumbent with a poor canopy. Plant maturity at harvest was rated as completely dead. Average specific gravity for B1976-4 tubers was 1.083.

B1992-177 (USDA). Total and marketable yield were 259 and 247 cwt/acre, respectively. Potato tuber skin color was tan to buff with a russet to netted texture. Tuber flesh color was white. Tuber shape was rated as round to oblong with an eye depth of intermediate to shallow. Overall external tuber appearance was noted as fair to good. Early plant size was rated as two inches or less. Plant type at full flower was scored as upright with a fair canopy. Plant maturity at harvest was rated as yellow and dying to completely dead. Average specific gravity for B1992-177 tubers was 1.073.

B2001-186 (USDA). Total and marketable yield were 374 and 361 cwt/acre, respectively. Potato tuber skin color was buff to white with a netted to slightly netted texture. Tuber flesh color was white. Tuber shape was rated as mostly oblong with an eye depth of intermediate to shallow. Overall external tuber appearance was noted as fair to good. Early plant size was rated between 4 to 6 inches. Plant type at full flower was scored as spreading to upright with a good canopy. Plant maturity at harvest was rated as yellow and dying to completely dead. Average specific gravity for B2001-186 tubers was 1.075.

B2003-140 (USDA). Total and marketable yield were 223 and 206 cwt/acre, respectively. Potato tuber skin color was tan to buff with a netted to slightly netted texture. Tuber flesh color was white. Tuber shape was rated as round to oblong with an eye depth of shallow to very shallow. Overall external tuber appearance was noted as fair to good. Early plant size was rated between 4 to 6 inches. Plant type at full flower was scored as decumbent with a fair to good canopy. Plant maturity at harvest was rated as yellow and dying to completely dead. Average specific gravity for B2003-140 tubers was 1.080.

B2008-177 (USDA). Total and marketable yield were 161 and 129 cwt/acre, respectively. Potato tuber skin color was tan to buff with a netted to slightly netted texture. Tuber flesh color was white to cream. Tuber shape was rated as round to oblong with an eye depth of shallow. Overall external tuber appearance was noted as fair to good. Early plant size was rated between 6 to 8 inches. Plant type at full flower was scored as spreading with a poor canopy. Plant maturity at harvest was rated as yellow and dying to completely dead. Average specific gravity for B2008-177 tubers was 1.084.

B2048-4 (USDA). Total and marketable yield were 92 and 77 cwt/acre, respectively. Potato tuber skin color was brown with a moderate to light russet texture. Tuber flesh color was white. Tuber shape was rated as round to oblong with an eye depth of shallow. Overall external tuber appearance was noted as fair to good. Early plant size was rated as two inches or less. Plant type at full flower was scored as upright with a poor canopy. Plant maturity at harvest was rated as completely dead. Average specific gravity for B2048-4 tubers was 1.077.

B2049-2 (USDA). Total and marketable yield were 187 and 162 cwt/acre, respectively. Potato tuber skin color was brown with a moderate to light russet texture. Tuber flesh color was white. Tuber shape was rated as mostly oblong with an eye depth of shallow to very shallow. Overall external tuber appearance was noted as fair to good. Early plant size was rated between 4 to 6 inches. Plant type at full flower was scored as upright with a poor to fair canopy. Plant maturity at harvest was rated as yellow and dying to completely dead. Average specific gravity for B2049-2 tubers was 1.083.

B2055-7 (USDA). Total and marketable yield were 173 and 155 cwt/acre, respectively. Potato tuber skin color was buff to white with a netted to slightly netted texture. Tuber flesh color was white. Tuber shape was rated as mostly oblong with an eye depth of shallow to very shallow. Overall external tuber appearance was noted as poor to fair. Early plant size was rated between 6 to 8 inches. Plant type at full flower was scored as decumbent with a fair canopy. Plant maturity at harvest was rated as yellow and dying to completely dead. Average specific gravity for B2055-7 tubers was 1.081.

Florida Table 3. Early Chipping Potato Variety Trial. Yield, marketable yield, percentage of yield by grade, size distribution and specific gravity of early chipping potato clones grown at Hastings, FL. - 2001.

Clone	Total Yield (cwt/A)	Marketable Yield ¹		Size Distribution by Class (%) ²					Size Distribution (%)		Specific Gravity
		(cwt/A)	percent of standard	1	2	3	4	5	2 to 4	3 to 4	
Season-104 days											
Atlantic	399	371	100	1	25	45	28	1	97	73	1.079
La Chipper	338	318	86	4	55	35	6	0	96	41	1.074
Snowden	477	454	122	2	28	36	34	1	97	70	1.079
AF2206-7	236	229	62	1	24	54	22	0	99	75	1.084
AF2207-4	224	182	49	7	70	20	3	0	93	23	1.083
AF2210-3	215	192	52	8	74	18	0	0	92	18	1.071
AF2211-2	314	242	65	2	16	12	53	16	82	66	1.079
AF2211-4	337	308	83	3	43	35	16	3	94	51	1.079
AF2211-6	198	191	51	3	22	29	46	0	97	75	1.075
AF2211-9	331	305	82	4	42	34	21	0	96	54	1.083
AF2211-14	192	166	45	12	72	14	2	0	88	16	1.089
AF2215-1	249	241	65	2	36	41	21	0	98	62	1.087
AF2215-4	342	315	85	2	29	43	22	4	94	65	1.080
AF2215-5	173	147	40	14	39	39	9	0	86	48	1.086
AF2217-3	245	223	60	4	53	38	4	0	96	43	1.082
AF2220-2	185	179	48	2	34	41	23	0	98	64	1.073
AF2220-3	187	178	48	4	55	41	0	0	96	41	1.076
AF2220-7	259	243	65	2	27	47	24	0	98	71	1.069
AF2222-2	283	239	64	12	79	9	0	0	88	9	1.078
AF2222-3	399	385	104	2	34	36	27	0	98	64	1.079
AF2222-4	194	168	45	8	77	11	3	0	92	14	1.075
AF2222-5	319	305	82	2	46	38	12	2	97	50	1.071
AF2230-2	347	329	89	5	44	41	10	0	95	51	1.064
AF2242-10	207	192	52	6	76	18	0	0	94	18	1.086
ARSW97-4287-2	274	242	65	7	74	20	0	0	93	20	1.071

Florida Table 3 (cont'd). Early Chipping Potato Variety Trial. Yield, marketable yield, percentage of yield by grade, size distribution and specific gravity of early chipping potato clones grown at Hastings, FL. - 2001.

Clone	Total Yield (cwt/A)	Marketable Yield ¹		Size Distribution by Class (%) ²					Size Distribution (%)		Specific Gravity
		(cwt/A)	percent of standard	1	2	3	4	5	2 to 4	3 to 4	
Season-104 days											
B1441-9	156	145	39	3	27	45	25	0	97	70	1.064
B1970-1	314	274	74	5	50	32	12	0	95	45	1.074
B1970-9	224	197	53	4	56	15	20	6	90	34	1.079
B1970-11	336	298	80	2	26	45	28	0	98	72	1.078
B1971-11	331	292	79	6	57	30	6	0	94	36	1.066
B1973-13	121	86	23	28	72	0	0	0	72	0	1.070
B1976-4	56	38	10	31	69	0	0	0	69	0	1.083
B1992-177	259	247	67	3	36	45	16	0	97	61	1.073
B2001-186	374	361	97	2	49	43	6	0	98	49	1.075
B2003-140	223	206	56	6	65	29	0	0	94	29	1.080
B2008-177	161	129	35	10	86	4	0	0	90	4	1.084
B2048-4	92	77	21	12	86	2	0	0	88	2	1.077
B2049-2	187	162	44	13	87	0	0	0	87	0	1.083
B2055-7	173	155	42	4	53	38	5	0	96	43	1.081
<i>LSD</i> ³	76	69		7.7	16.3	17.7	14.9	4.0	8.5	15.7	0.004
<i>P Value</i>	0.0001	0.0001		0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001

Planted on Feb.14, 2001, fertilizer rate was 168-24-144/A plus 98-14-84/A sidedressed, harvested on May 29, 2001.

¹ - Marketable Yield: size classes 2 to 4

² - Size classes: 1 = <1 7/8", 2 = 1 7/8 to 2.5", 3 = 2.5 to 3.25", 4 = 3.25 to 4", 5 = >4"

³ - Means separated within columns by Waller-Duncan's *k* - ratio t test.