

## NE184 Potato Variety Trial, 2001

### General Comments:

Florida is a participant in the NE184 Regional Project titled, "Development of New Potato Clones and Varieties in the Northeast." This project is a multi-state potato variety evaluation program developed to test new potato clones against commercially accepted varieties to determine if they possess advantages for commercial producers. Cooperative potato variety trials provide information on the production, adaptation, and performance stability of new potato clones under a wide range of geographic, climatic, soil, and cultural conditions.

Florida's participation in the project is important because the advanced clones tested are, in some cases, close to release. Evaluation of these clones provides Florida growers with important information needed to make insightful seed choices. In addition, Florida is the second largest potato producer behind Maine on the Eastern seaboard. The collection of regional data insures that the seed can both be produced and grown by the states participating in the program.

Seed for all clones and varieties was grown by the Maine State Seed Potato Board at Porter Farm in the seedling increase and evaluation program.

<b>Planting Site:</b>	Hastings REC, Yelvington Farm
<b>Planting Date:</b>	February 14, 2001
<b>Harvest Date:</b>	May 25, 2001
<b>Season Length:</b>	100 days
<b>Replications:</b>	4
<b>Plot Size:</b>	20 ft
<b>Row Spacing:</b>	12 inches in-row, 40 inches between-row
<b>Fertilizer:</b>	preplant, 168-24-144 lb/A; sidedress, 98-14-84 lb/A
<b>Number of Varieties:Clones:</b>	16:17
<b>Early Plant Size (Early Vigor):</b>	40 days after planting
<b>Highest Total Yield:</b>	NY112 (417 cwt/acre)
<b>Highest Marketable Yield:</b>	Atlantic, NY112 (395 cwt/acre)
<b>Best Overall Tuber Appearance:</b>	AF1775-2 (7.5)

### Specific Comments:

**Atlantic.** Atlantic is the standard chip potato grown in Florida. Total and marketable yield were 409 and 395 cwt/acre, respectively. Potato tuber skin color was 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 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 upright with a fair to good canopy. Plant maturity at harvest was rated as moderately mature to yellow and dying. Average specific gravity for Atlantic tubers was 1.080.

**Aquilon.** Total and marketable yield were 365 and 345 cwt/acre, respectively. Potato tuber skin color was tan to buff with a netted to slightly netted texture. Tuber flesh 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 good. Early plant size was 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 moderately mature to yellow and dying. Average specific gravity for Aquilon tubers was 1.080.

**Chieftain.** Total and marketable yield were 294 and 276 cwt/acre, respectively. Potato tuber skin color was red to pink with a slightly netted to moderately smooth texture. Tuber flesh color was white. Tuber

shape was rated as mostly round with an eye depth of deep to intermediate. 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 starting to mature to moderately mature. Average specific gravity for Chieftan tubers was 1.065.

**Dark Red Norland.** Total and marketable yield were 283 and 249 cwt/acre, respectively. Potato tuber skin color was red with a slightly netted to moderately smooth 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 good. Early plant size was rated between 4 to 6 inches. Plant type at full flower was scored as decumbent with a good canopy. Plant maturity at harvest was rated as completely dead. Average specific gravity for Dark Red Norland tubers was 1.061.

**Envol.** Total and marketable yield were 250 and 228 cwt/acre, respectively. Potato tuber skin color was 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 to very 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 Envoy tubers was 1.068.

**Gem Russet.** Total and marketable yield were 221 and 137 cwt/acre, respectively. Potato tuber skin color was buff with a moderate to heavy russet texture. Tuber skin color was white. Tuber shape was rated as 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 as plants just showing. Plant type at full flower was scored as upright with a fair to good canopy. Plant maturity at harvest was rated as moderately mature. Average specific gravity for Gem Russet tubers was 1.067.

**Katahdin.** Total and marketable yield were 391 and 350 cwt/acre, respectively. Potato tuber skin color was buff to white with a slightly netted to moderately smooth 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 upright with a good canopy. Plant maturity at harvest was rated as moderately mature to yellow and dying. Average specific gravity for Katahdin tubers was 1.063.

**Kennebec.** Total and marketable yield were 371 and 328 cwt/acre, respectively. Potato tuber skin color was buff to white with a moderately smooth texture. Tuber flesh color was white. Tuber shape was rated as oblong to long with an eye depth of intermediate. Overall external tuber appearance was noted as fair. Early plant size was rated as most plants two inches or less. 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 Kennebec tubers was 1.066.

**Keuka Gold (NY101).** Total and marketable yield were 343 and 325 cwt/acre, respectively. Potato tuber skin color was tan to buff with a netted texture. Tuber flesh color was light yellow. 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 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 Keuka Gold tubers was 1.072.

**Russet Burbank.** Total and marketable yield were 269 and 195 cwt/acre, respectively. Potato tuber skin color was brown to tan with a light to moderate russet texture. Tuber flesh color was white. Tuber shape was rated as 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 good canopy. Plant maturity at harvest was rated as starting to mature to moderately mature. Average specific gravity for Russet Burbank tubers was 1.067. Tubers were noted as pointy.

**Russet Legend (CO83008-1).** Total and marketable yield were 295 and 272 cwt/acre, respectively. Potato tuber skin color was brown with a moderate to heavy russet texture. Tuber flesh color was white to cream.

Tuber shape was rated as oblong with an eye depth of intermediate to shallow. Overall external tuber appearance was noted as fair. Early plant size was rated as two inches or less. 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 Russet Legend tubers was 1.067. Tubers were noted as pointy.

**Russet Norkotah 3117.** Total and marketable yield were 341 and 305 cwt/acre, respectively. Potato tuber skin color was dark brown to brown with a moderate to heavy russet texture. Tuber flesh color was white to cream. Tuber shape was rated as oblong to long with an eye depth of intermediate to shallow. Overall external tuber appearance was noted as fair to good. Early plant size was rated as plants emerged and leaves just opening. 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 Russet Norkotah tubers was 1.067.

**Shepody.** Total and marketable yield were 143 and 121 cwt/acre, respectively. Potato tuber skin color was buff to white with a slightly netted to moderately smooth texture. Tuber flesh color was white. Tuber shape was rated as oblong to long with an eye depth of shallow to very 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 spreading with a fair canopy. Plant maturity at harvest was rated as moderately mature to yellow and dying. Average specific gravity for Shepody tubers was 1.077.

**Snowden.** Total and marketable yield were 366 and 355 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 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 upright with a fair to good canopy. Plant maturity at harvest was rated as moderately mature to yellow and dying. Average specific gravity for Snowden tubers was 1.079.

**Superior.** Total and marketable yield were 259 and 233 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 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 with a fair canopy. Plant maturity at harvest was rated as yellow and dying to completely dead. Average specific gravity for Superior tubers was 1.077.

**Yukon Gold.** Total and marketable yield were 360 and 330 cwt/acre, respectively. Potato tuber skin color was tan to buff with a slightly netted texture. Tuber flesh color was light to medium yellow flesh. 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 most plants two inches or less. 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 Yukon Gold tubers was 1.074.

**AF1455-20.** Total and marketable yield were 324 and 305 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 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 AF1455-20 tubers was 1.074. Tubers were noted as flat.

**AF1569-2.** Total and marketable yield were 345 and 325 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 to good. Early plant size was rated as most plants two inches or less. Plant type at full flower was scored as spreading to upright with a fair canopy. Plant maturity at harvest was rated as moderately mature to yellow and dying. Average specific gravity for AF1569-2 tubers was 1.074.

**AF1753-16.** Total and marketable yield were 409 and 361 cwt/acre, respectively. Potato tuber skin color

was brown with a light russet texture. Tuber flesh color was white. Tuber shape was rated as oblong to long 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 good canopy. Plant maturity at harvest was rated as starting to mature to moderately mature. Average specific gravity for AF1753-16 tubers was 1.068.

**AF1763-2.** Total and marketable yield were 322 and 295 cwt/acre, respectively. Potato tuber skin color was buff with a slightly netted to moderately smooth texture. Tuber flesh color was white to 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 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 AF1763-2 tubers was 1.061.

**AF1775-2.** Total and marketable yield were 256 and 244 cwt/acre, respectively. Potato tuber skin color was buff with a slightly netted to moderately smooth 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 good to excellent. Early plant size was rated as plants emerged, leaves still in rosette. Plant type at full flower was scored as upright with a good canopy. Plant maturity at harvest was rated as starting to mature to moderately mature. Average specific gravity for AF1775-2 tubers was 1.071.

**AF1938-3 (BC).** Total and marketable yield were 301 and 288 cwt/acre, respectively. Potato tuber skin color was buff with a 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 as two inches or less. 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 AF1938-3 tubers was 1.066.

**B1240-1.** Total and marketable yield were 368 and 347 cwt/acre, respectively. Potato tuber skin color was 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 4 to 6 inches. Plant type at full flower was scored as spreading with a good canopy. Plant maturity at harvest was rated as moderately mature to yellow and dying. Average specific gravity for B1240-1 tubers was 1.069.

**B1409-2.** Total and marketable yield were 432 and 387 cwt/acre, respectively. Potato tuber skin color was dark brown to brown with a moderate to heavy russet texture. Tuber flesh color was white. Tuber shape was rated as 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 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 B1409-2 tubers was 1.074.

**B1425-9.** Total and marketable yield were 416 and 383 cwt/acre, respectively. Potato tuber skin color was tan to buff with a slightly netted to netted texture. Tuber flesh color was light yellow. 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 spreading with a good canopy. Plant maturity at harvest was rated as yellow and dying. Average specific gravity for B1425-9 tubers was 1.082.

**CO86218-2.** Total and marketable yield were 130 and 101 cwt/acre, respectively. Potato tuber skin color was red with a 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 poor to fair. Early plant size was rated as not emerged. Plant type at full flower was scored as upright with a poor canopy. Plant maturity at harvest was rated as starting to mature to moderately mature. Average specific gravity for CO86218-2 tubers was 1.055.

**NY102.** Total and marketable yield were 327 and 306 cwt/acre, respectively. Potato tuber skin color was

buff with a 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 good. Early plant size was rated as 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 starting to mature to moderately mature. Average specific gravity for NY102 tubers was 1.077.

**NY112.** Total and marketable yield were 417 and 395 cwt/acre, respectively. Potato tuber skin color was brown to tan with a russet to 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 2 to 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 NY112 tubers was 1.071.

**NY115.** Total and marketable yield were 372 and 346 cwt/acre, respectively. Potato tuber skin color was tan to buff with a slightly netted texture. Tuber flesh color was white to 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 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 moderately mature to yellow and dying. Average specific gravity for NY115 tubers was 1.067.

**W1242.** Total and marketable yield were 394 and 381 cwt/acre, respectively. Potato tuber skin color was tan to buff with a netted texture. Tuber flesh color was white to cream. 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 4 to 6 inches. Plant type at full flower was scored as spreading with a good canopy. Plant maturity at harvest was rated as moderately mature to yellow and dying. Average specific gravity for W1242 tubers was 1.074.

**W1313.** Total and marketable yield were 361 and 320 cwt/acre, respectively. Potato tuber skin color was tan with a 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 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 W1313 tubers was 1.084.

Florida Table 15. NE184 Regional Variety Selection Trial. Yield, marketable yield, percentage of yield by grade, size distribution and specific gravity of NE184 potato clones grown at Hastings, FL. - 2001.

Clone	Total Yield (cwt/A)	Marketable Yield <sup>1</sup>		Size Distribution by Class (%) <sup>2</sup>					Size Distribution (%)		Specific Gravity
		(cwt/A)	percent of standard	1	2	3	4	5	2 to 4	3 to 4	
<b>Season-100 days</b>											
Atlantic	409	395	100	2	20	45	33	0	98	78	1.080
Aquilon	365	345	87	3	43	38	16	0	97	54	1.080
Chieftain	294	276	70	4	60	36	0	0	96	36	1.065
Dark Red Norland	283	249	63	6	52	39	2	0	94	41	1.061
Envol	250	228	58	8	61	28	3	0	92	31	1.068
Gem Russet (A8495-1)	221	137	35	37	51	10	1	0	63	11	1.067
Katahdin	391	350	89	3	29	36	31	1	95	67	1.063
Kennebec	371	328	83	6	34	34	23	2	92	57	1.066
Keuka Gold (NY101)	343	325	82	4	61	35	0	0	96	35	1.072
Russet Burbank	269	195	49	27	48	14	11	0	73	25	1.067
Russet Legend (CO83008-1)	295	272	69	3	27	39	31	0	97	70	1.067
Russet Norkotah #3117	341	305	77	7	43	34	16	0	93	50	1.067
Shepody	143	121	31	11	67	19	2	0	89	22	1.077
Snowden	366	355	90	2	24	46	27	0	98	74	1.079
Superior	259	233	59	8	79	13	0	0	92	13	1.077
Yukon Gold	360	330	83	2	24	49	24	0	98	74	1.074
AF1455-20	324	305	77	4	41	39	16	0	96	55	1.074
AF1569-2	345	325	82	3	38	52	7	0	97	60	1.074
AF1753-16	409	361	91	7	39	30	24	0	93	54	1.068
AF1763-2	322	295	75	5	51	36	8	0	95	44	1.061
AF1775-2	256	244	62	3	50	37	10	0	97	47	1.071
AF1938-3(BC)	301	288	73	2	32	33	32	0	98	66	1.066
B1240-1	368	347	88	1	27	42	30	0	99	72	1.069
B1409-2	432	387	98	5	26	43	26	0	95	69	1.074
B1425-9	416	383	97	4	39	43	13	0	96	57	1.082

Florida Table 15 (cont'd). NE184 Regional Variety Selection Trial. Yield, marketable yield, percentage of yield by grade, size distribution and specific gravity of NE184 potato clones grown at Hastings, FL. - 2001.

Clone	Total Yield (cwt/A)	Marketable Yield <sup>1</sup>		Size Distribution by Class (%) <sup>2</sup>					Size Distribution (%)		Specific Gravity
		(cwt/A)	percent of standard	1	2	3	4	5	2 to 4	3 to 4	
<b>Season-100 days</b>											
CO86218-2	130	101	26	19	71	9	1	0	81	10	1.055
NY102	327	306	78	4	55	31	10	0	96	41	1.077
NY112	417	395	100	1	15	50	33	1	99	84	1.071
NY115	372	346	87	4	44	39	13	0	96	52	1.067
W1242	394	381	96	1	36	43	20	0	99	62	1.074
W1313	361	338	86	4	48	39	9	0	96	48	1.084
AF1758-7 <sup>4</sup>	351	320	81	7	51	36	6	0	93	42	1.052
<i>LSD</i> <sup>3</sup>	45	45		4.7	11.4	13.1	11.5	1.2	5.1	13.0	0.005
<i>P Value</i>	0.0001	0.0001		0.0001	0.0001	0.0001	0.0001	0.0074	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 25, 2001.

<sup>1</sup> - Marketable Yield: size classes 2 to 4

<sup>2</sup> - 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"

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

<sup>4</sup> - Not included in statistical analysis. This clone had poor plant stand due to herbicide injury.

Florida Table 16. NE184 Regional Variety Selection Trial. Yield, vine maturity, tuber characteristics, and internal defects of NE184 potato clones grown at Hastings, FL - 2001.

Clone	Total Yield (cwt/A)	Marketable Yield (cwt/A)	Vine Maturity <sup>1</sup>	Tuber Characteristics <sup>1</sup>						Internal Defects <sup>2</sup>			
				IFC	SC	ST	TS	ED	APP	HH	BR	CRS	INT
Atlantic	409	395	3.0	1.5	7.0	6.5	2.5	6.0	6.5	0	0	0	0
Aquilon	365	345	3.8	1.0	6.5	6.5	2.5	6.5	7.0	1	0	0	0
Chieftain	294	276	4.8	1.0	2.5	7.5	2.0	4.5	6.0	0	0	4	1
Dark Red Norland	283	249	1.0	1.0	2.0	7.5	2.5	5.5	7.0	0	0	4	0
Envol	250	228	1.5	1.5	7.0	7.0	2.5	7.5	7.0	0	0	0	1
Gem Russet (A8495-1)	221	137	5.0	1.0	5.0	2.5	5.0	7.5	6.0	0	0	0	0
Katahdin	391	350	3.5	1.0	7.5	7.5	2.5	5.5	6.0	0	0	0	4
Kennebec	371	328	4.3	1.0	7.5	8.0	5.5	5.0	5.0	0	0	4	0
Keuka Gold (NY101)	343	325	3.3	3.0	6.5	6.0	2.0	6.5	5.5	0	0	3	0
Russet Burbank	269	195	5.3	1.0	5.5	3.5	5.0	6.0	6.0	0	0	0	0
Russet Legend	295	272	4.8	1.5	5.0	2.5	5.0	6.5	5.0	0	0	3	1
Russet Norkotah #3117	341	305	3.3	1.5	4.5	2.5	5.5	6.0	5.5	0	0	0	0
Shepody	143	121	3.3	1.0	7.5	7.5	6.0	7.5	5.0	0	0	1	0
Snowden	366	355	4.0	1.0	7.0	6.5	2.0	6.0	6.0	0	0	1	1
Superior	259	233	1.4	1.0	7.0	6.5	2.0	5.5	6.5	0	0	0	1
Yukon Gold	360	330	3.5	3.5	6.5	7.0	2.5	6.5	6.0	0	0	4	3
AF1455-20	324	305	3.5	1.0	7.0	6.5	3.0	6.0	6.5	0	0	3	1
AF1569-2	345	325	3.3	1.0	7.5	6.5	3.0	6.5	6.5	0	0	0	0
AF1753-16	409	361	5.5	1.0	5.0	4.0	6.0	7.0	6.0	1	0	1	0
AF1763-2	322	295	2.8	1.5	7.0	7.5	3.0	5.5	6.0	0	0	0	1
AF1775-2	256	244	5.3	1.0	7.0	7.5	2.5	7.5	7.5	0	0	1	0
AF1938-3(BC)	301	288	3.5	1.0	7.0	7.0	2.5	7.0	7.0	3	0	3	0
B1240-1	368	347	3.5	1.0	7.0	6.0	3.5	5.5	5.5	0	0	0	1
B1409-2	432	387	2.0	1.0	4.5	2.5	4.5	6.5	5.5	0	0	1	1
B1425-9	416	383	3.0	3.0	6.5	6.5	2.5	5.5	6.5	0	0	0	0

Florida Table 16 (cont'd). NE184 Regional Variety Selection Trial. Yield, vine maturity, tuber characteristics, and internal defects of NE184 potato clones grown at Hastings, FL - 2001.

Clone	Total Yield (cwt/A)	Marketable Yield (cwt/A)	Vine Maturity <sup>1</sup>	Tuber Characteristics <sup>1</sup>						Internal Defects <sup>2</sup>			
				IFC	SC	ST	TS	ED	APP	HH	BR	CRS	INT
CO86218-2	130	101	5.8	1.0	2.0	7.0	2.0	5.5	3.5	0	0	0	0
NY102	327	306	5.3	2.0	7.0	6.0	3.0	5.5	7.0	1	0	0	1
NY112	417	395	4.8	2.0	5.5	5.5	3.0	6.0	5.5	3	0	0	3
NY115	372	346	3.3	1.5	6.5	7.0	2.5	6.0	6.5	0	0	0	0
W1242	394	381	3.3	1.5	6.5	6.0	2.0	6.0	7.0	0	0	1	0
W1313	361	338	3.0	1.0	6.0	6.0	2.0	6.5	7.0	1	0	3	4
AF1758-7 <sup>3</sup>	92	83	2.8	1.0	7.5	6.5	2.5	6.5	6.5	0	0	0	0

<sup>1</sup> - See rating system outlined in Florida Rating Code Table.

<sup>2</sup> - Percent of tubers showing defects. HH = hollow heart, BR = brown rot, CRS = corky ring spot, INT = internal browning.

<sup>3</sup> - Not included in statistical analysis. This clone had poor plant stand due to herbicide injury.