

**Upstate New York Table 20. Yield, marketable yield, percentage of yield by grade size distribution, mean tuber number per foot and weight, percentage of defects, and specific gravity for the Tioga County organic grown potato variety trial near Candor, New York - 2004.**

Variety or Clone	Total	Mkt. Yield		Size Distribution <sup>1</sup>				Percent External				Percent Internal			Spec. Grav.	Rhiz. Schl.	Scab Rating	Scab Lesion
	Yield	Cwt/A	% of Std.	(% of total yield)				Tuber Defects				Tuber Defects						
	Cwt/A			1	2	3	4	SUN	KNB	GC	ROT	HH	VD	NEC				
Allegany	106	67	39	24	76	0	0	5	1	6	1	0	10	0	76	0.50	0.50	s
All Blue	123	46	27	44	56	0	0	0	14	0	4	0	0	0	85	0.00	4.50	s/p
AC89536-5RU	159	113	66	11	75	14	0	3	8	6	1	80	10	0	87	2.00	1.00	s
AF1758-7	132	114	66	10	90	0	0	2	0	0	0	0	0	0	69	0.50	1.00	s
Adirondack Blue	163	94	55	24	70	6	0	0	16	0	2	0	0	0	80	2.00	3.50	s
ATX84378-1RU	95	9	5	30	70	0	0	0	3	58	0	20	0	0	73	1.00	3.50	p/s
ATTX98465-1R/Y	198	158	92	11	82	7	0	0	4	5	0	0	0	0	68	0.00	5.00	p
ATX84706-2RU	143	123	71	8	86	6	0	0	3	3	0	40	0	0	86	1.50	0.50	p
ATX85404-8W	156	116	67	24	76	0	0	1	1	0	0	0	0	0	87	2.00	3.00	p
ATX91137-1RU	176	137	79	10	88	2	0	3	7	1	1	0	0	0	88	1.00	1.50	p
Boulder	159	106	62	8	83	9	0	3	1	13	7	20	0	0	82	2.00	3.00	s
BTX1544-2W/Y	124	97	56	17	81	2	0	0	4	0	0	0	0	0	83	2.50	2.00	s
Castile	195	151	88	10	87	3	0	4	1	2	5	0	0	0	86	1.00	4.00	s/p
Chieftain	194	160	93	12	83	5	0	2	0	2	2	0	0	0	82	1.00	3.00	s
CO93037-6R	177	124	72	17	72	10	0	0	4	9	0	0	0	0	80	0.50	3.50	s/p
Elba	164	131	76	13	84	3	0	2	0	1	4	0	0	0	87	1.00	3.50	p
Eramosa	94	73	42	14	86	0	0	7	1	0	0	0	0	0	79	0.00	5.00	p
Eva	149	109	64	17	83	0	0	5	3	0	2	0	0	0	88	0.50	2.50	s
Dakota Jewel	122	85	49	29	71	0	0	0	0	0	2	0	0	0	78	1.00	3.00	s
Gemstar Russet	187	161	94	5	83	12	0	0	9	0	0	10	0	0	98	1.00	0.00	na
Genesee	167	139	81	6	77	17	0	4	1	2	4	10	0	0	77	0.50	3.50	s
Island Sunshine	25	0	0	100	0	0	0	0	4	0	0	0	0	0	na	1.00	3.50	p
Jacqueline Lee	195	129	75	28	72	0	0	2	2	1	1	0	0	0	92	0.50	4.00	p
Katahdin	201	172	100	12	88	0	0	0	1	0	2	30	0	0	83	0.50	4.00	s
Keuka Gold	169	129	75	19	79	2	0	0	0	0	4	10	0	0	92	0.70	0.50	s
Prince Hairy	267	217	126	8	78	14	0	2	5	1	3	0	0	0	95	2.50	3.50	s/p
Marcy	173	125	73	16	84	0	0	5	0	0	6	20	0	0	94	1.00	3.50	p
Michigan Purple	270	239	139	7	86	7	0	0	2	1	1	20	0	0	82	1.00	5.00	p
MN17993	62	38	22	22	78	0	0	11	2	2	2	0	10	0	82	0.0	3.5	s
MN90672-4	48	23	14	50	50	0	0	1	0	0	0	0	10	0	78	1.5	4.0	p

(cont'd)

**Upstate New York Table 20. (cont'd) Yield, marketable yield, percentage of yield by grade size distribution, mean tuber number per foot and weight, percentage of defects, and specific gravity for the Tioga County organic grown potato variety trial near Candor, New York - 2004.**

Variety or Clone	Total	Mkt. Yield		Size Distribution <sup>1</sup>				Percent External				Percent Internal			Spec. Grav.	Rhiz. Schl.	Scab Rating	Scab Lesion
	Yield	Cwt/A	% of Std.	(% of total yield)				Tuber Defects				Tuber Defects						
	Cwt/A			1	2	3	4	SUN	KNB	GC	ROT	HH	VD	NEC				
MN98001-4	59	22	13	60	40	0	0	0	1	0	2	0	0	0	85	0.0	4.5	p
MN99144-1	99	63	37	32	68	0	0	1	3	1	0	30	0	0	87	0.5	4.5	p
MN99380-1	47	13	8	72	28	0	0	0	0	0	0	0	20	0	na	0.5	2.0	s
M99460-14	111	82	48	19	81	0	0	4	3	0	0	50	0	0	87	1.5	3.5	s/p
MSG227-2	121	78	46	27	73	0	0	0	2	1	5	30	0	10	91	2.0	2.5	s
MSJ461-1	123	83	48	29	71	0	0	1	2	0	0	0	10	0	84	2.5	3.5	p
MWTX548-2RU	152	121	70	11	86	2	0	2	7	0	0	20	0	0	93	0.5	3.0	p
NDTX4271-5R	169	132	77	12	84	4	0	2	0	8	0	0	0	0	74	1.0	4.5	p
NDTX4304-1R	204	166	96	12	71	17	0	3	0	2	1	0	0	0	68	0.5	4.5	p
NDTX4930-5W	165	97	57	14	83	2	0	0	5	21	1	0	10	0	78	0.0	5.0	p
NY125	198	140	82	23	77	0	0	2	0	0	3	0	0	0	83	1.5	2.0	s
NY126	191	171	100	8	90	2	0	2	1	0	0	20	0	0	93	1.5	0.5	s
Reba	135	105	61	15	85	0	0	5	2	0	0	10	0	0	80	2.5	2.0	s
Red La Soda	155	129	75	4	78	18	0	0	7	4	2	0	0	0	75	2.0	4.0	p
Rosa	144	105	61	25	75	0	0	1	0	0	0	10	0	0	88	3.0	3.0	p
Salem	132	101	59	21	76	3	0	0	2	0	0	0	0	0	74	1.5	2.0	s
Stampede	48	21	12	43	57	0	0	0	1	11	0	0	10	0	na	3.0	2.0	s
Superior	154	120	70	5	79	16	0	3	8	0	7	0	0	0	84	2.0	2.0	p
TC1675-1RU	172	146	85	8	92	0	0	2	5	0	0	0	0	0	98	1.0	0.0	na
Western Russet	178	130	76	18	76	6	0	2	5	0	2	20	0	0	94	0.5	2.0	s
W2275-9R	170	121	70	20	80	0	0	2	3	3	0	0	10	0	77	2.0	4.0	s/p
W2301-3P	127	93	54	26	74	0	0	0	0	1	0	0	0	0	69	0.5	3.5	s
Yukon Gold	123	106	62	9	91	0	0	0	2	2	1	40	0	0	86	2.0	3.0	p
Average:	132	96	56	23	71	3	0	2	2	2	1	9	3	0	83	1.3	3.0	
Maximum:	204	171	100	72	92	18	4	11	8	21	7	50	20	10	98	3.0	5.0	
Minimum:	47	13	8	1	2	0	0	0	0	0	0	0	0	0	68	0.0	0.0	

<sup>1</sup>Tuber size classes:

1 = under 2" dia., 2 = 2" to 3" dia., 3 = 3" to 4" dia., and 4 = over 4" dia.

Plant Date: May xx

Vinekill Date: September xx

Harvest Date: October xx

Fertilizer:

Vinekill:

Irrigation: