

2024 Sweet Corn Variety Trial



Trial Results

Trial 1 was planted on April 17 and Trial 2 was planted on May 23.

Table 1. Yield in Dozen Marketable Ears per Acre

Variety Name	Trial 1		Trial 2	
White Lightning	1,367	ab	1,476	a
Endurance	1,368	ab	1,307	abc
7401 IMP	1,355	ab	1,283	abc
Xtra-Tender 378A	1,428	a	1,210	bcd
Seabright	1,271	abcd	1,343	ab
Nicole	1,198	abcd	1,307	abc
Guardian	1,174	bcd	1,295	abc
Platinum	1,307	abc	1,137	bcde
XTH 3674	1,210	abcd	1,125	bcde
Freedom	1,065	cde	1,126	bcde
Xtra-tender 3572	1,053	de	1,137	bcde
Leadoff	787	fg	1,210	bcd
Resolve Xtra-Tender	847	ef	1,077	cdef
Glacial	654	fgh	1,004	def
Xtra Tender 3473	533	h	980	def
XTH 3380	569	gh	883	f
Silver Thunder	472	hi	956	ef
Summer Sweet Multisweet 2001MR	254	i	157	g
<i>C.V.</i>	<i>17.54</i>		<i>14.58</i>	
<i>p-value</i>	<i><0.0001</i>		<i><0.0001</i>	
<i>LSD</i>	<i>247.71</i>		<i>230.07</i>	

Table 2. Days to Harvest

Variety Name	Reported	Trial 1	Trial 2	Average
Nicole	72	82	62	72
Xtra-tender 3572	71	82	62	72
Leadoff	69	82	62	72
Endurance	73	82	63	72.5
XTH 3674	74	82	63	72.5
Resolve Xtra-Tender	71	82	63	72.5
Xtra Tender 3473	73	85	63	74
Seabright	77	83	67	75
Platinum	80	83	68	75.5
7401 IMP	75	83	68	75.5
Summer Sweet Multisweet 2001MR	74	83	69	76
Freedom	73	85	67	76
Glacial	76	85	68	76.5
Silver Thunder	78	83	71	77
White Lightning	77	83	71	77
Xtra-Tender 378A	78	85	71	78
Guardian	80	89	68	78.5
XTH 3380	81	89	71	80

Table 3. Ear Weight in Pounds

Variety Name	Trial 1		Trial 2	
Resolve Xtra-Tender	0.84	ab	0.85	ab
Glacial	0.86	a	0.82	b
Nicole	0.82	abc	0.86	a
XTH 3380	0.89	a	0.71	ef
Guardian	0.82	abc	0.76	cd
Freedom	0.77	cde	0.77	c
Xtra-tender 3572	0.77	bcde	0.75	cd
Platinum	0.74	def	0.78	c
XTH 3674	0.73	def	0.76	c
Xtra Tender 3473	0.78	bcd	0.71	f
White Lightning	0.72	def	0.77	c
Endurance	0.71	defg	0.77	c
7401 IMP	0.68	fgh	0.75	cde
Leadoff	0.69	fgh	0.69	f
Seabright	0.65	gh	0.72	def
Xtra-Tender 378A	0.64	h	0.71	f
Summer Sweet Multisweet 2001MR	0.71	efg	0.60	g
Silver Thunder	0.67	fgh	0.64	g
<i>C.V.</i>	6.59		3.56	
<i>p-value</i>	<0.0001		<0.0001	
<i>LSD</i>	0.07		0.0377	



Xtra-Tender 378A



Endurance



Nicole



Seabright



Silver Thunder



Summer Sweet Multisweet 2001MR



White Lightning



Xtra-Tender 3572



Freedom



Leadoff



XTH 3380



XTH 3674



Xtra-Tender 3473



Resolve Xtra-Tender



Glacial



Platinum



7401 IMP



Guardian