

Watermelon cultivars evaluated in 2000, 2001 and 2003 for sensitivity to ambient ozone levels at Clayton, NC (sorted by cultigen).

	Cultigen	Visible foliar injury w (%)		2003	AVG	Ploidy	Cultigen source	Also known as			
		2000	2001								
1	ACX 8238		11	q-u		11	triploid	Abbott & Cobb			
2	Afternoon Delight		16	k-s	19	a	17	triploid	D. Palmer Seed		
3	Athens	62	a	36.5			49	diploid	Sunseeds	SXW 5023; W 5023	
4	Celebration	38	f-r	18	h-r	24	a	27	diploid	Syngenta	
5	Charleston Gray			14	m-t			14	diploid	Wyatt-Quarles Seed	
6	Cooperstown			17	l-t			17	triploid	Seminis	
7	Corporal	35	i-u					35	diploid	Seminis	
8	Crimson Sweet	41	d-p	28	c-i	28	ab	32	diploid	Willhite Seed	
9	Daytona					20	a-d	20	diploid	Sakata Seed America	
10	Delta	49	a-j			34	b-e	41	diploid	Seminis	
11	Disko			11	q-u			11	triploid	Hazera Genetics	
12	Dulce	38	f-s					38	diploid	Southwestern Seed	WX-24
13	Dumara	40	d-p	26	c-j			33	diploid	Sunseeds	
14	Elation	29	m-w					29	triploid	D. Palmer Seed	
15	Enchantment	38	f-s					38	triploid	D. Palmer Seed	
16	EX 4510759	35	h-t	11	q-u			23	triploid	Seminis	
17	EX 4590339	21	u-x					21	triploid	Seminis	
18	Falcon	46	b-l	21	e-o			34	diploid	Seminis	
19	Fantastik			11	q-u			11	triploid	Abbott & Cobb	
20	Festival	46	a-k	29	c-h	33	b-f	36	diploid	Willhite Seed	
21	Fiesta	41	c-p	23	e-p	30	c-g	31	diploid	Syngenta	
22	Freedom	21	t-x	15	l-s			18	triploid	Sunseeds	
23	Gem-Dandy	35	i-u	31	b-e			33	triploid	Willhite Seed	
24	HA-5015					6	c-g	6	triploid	Hazera Genetics	
25	HA-5026					24	d-h	24	triploid	Hazera Genetics	
26	Hazera 103			9	stu			9	triploid	Hazera Genetics	
27	HMX 8913	20	vwx					20	triploid	Harris Moran	
28	HMX 8914	22	s-x	14	n-u			18	triploid	Harris Moran	
29	Imagination	41	b-p			63		52	triploid	Syngenta	RWM 8089-VP
30	Jamboree	42	b-p			36		39	diploid	Syngenta	RWM 8036
31	Jub-ette					38	opq	38	diploid	Willhite Seed	WX-207
32	Jubilee			18	k-s			18	diploid	Wyatt-Quarles Seed	
33	Lady	46	b-l					46	diploid	Sunseeds	
34	Mara			23	d-m			23	diploid	Seigers Seed	
35	Mardi Gras	35	i-u	15	l-s	20	d-i	23	diploid	Syngenta	
36	Margarita	41	d-q	26	f-p			34	diploid	Southwestern Seed	WX-8
37	Millenium	25	r-x	20	g-q	14	d-j	20	triploid	Harris Moran	
38	Millionaire	20	vwx	13	p-u	15	d-j	16	triploid	Harris Moran	
39	Montreal			44	ab			44	diploid	Sunseeds	W 5025
40	Ole					28	d-j	28	diploid	Willhite Seed	
41	Olympia					19	e-k	19	triploid	Seminis	5031
42	Omega					15	e-k	15	triploid	Seminis	
43	Pinata LS	59	a-e	23	e-p			41	diploid	Willhite Seed	
44	Pinata SS	45	b-n					45	diploid	Willhite Seed	
45	Premiere					23	abc	23	triploid	Colorado Seeds	CS 4810
46	Premiere	28	p-x	28	c-h			28	triploid	Southwestern Seed	
47	Rambla					25	e-k	25	triploid	United Genetics	
48	Regency	54	a-h	24	c-l			39	diploid	Seminis	
49	Revolution	24	r-x	13	n-u	18	e-k	18	triploid	Sunseeds	
50	RWM 8073-VP	38	f-r					38	triploid	Syngenta	
51	RWM 8114			23	c-m			23	diploid	Syngenta	
52	RWM 8150					21	e-k	21	diploid	Syngenta	
53	RWM 8151					23	f-l	23	diploid	Syngenta	
54	RWT 8120			7	uv			7	triploid	Syngenta	
55	Sagi					6	f-l	6	triploid	Hazera Genetics	
56	Sangria					31	g-m	31	diploid	Syngenta	

57	SeedWay 4502	30	l-w	19	g-r			25	triploid	SeedWay	
58	Sentinel	48	a-j	29	c-g	36	g-m	38	diploid	Seminis	
59	Slice N Serve 830					20	abc	20	triploid	Colorado Seeds	CS 4830
60	Slice N Serve 830	29	n-x	16	j-r			23	triploid	Colorado Seeds	
61	SR 8020WM					30	g-n	30	triploid	Sunseeds	
62	SR 8021WM					35	h-n	35	triploid	Sunseeds	
63	Starbrite	51	a-i	13	o-u			32	diploid	Seminis	
64	Stargazer	36	g-s	34	b-c			35	diploid	Seminis	
65	Stars N Stripes	60	abc					60	diploid	Seminis	
66	Sugar Baby			50	a			50	diploid	Wyatt-Quarles Seed	
67	Sugarheart					30	i-o	30	triploid	Seigers Seed	
68	Summer Flavor 790	54	a-g					54	diploid	Abbott & Cobb	ACX 5411
69	Summer Flavor 800	60	ab	17	k-s	24	g-m	34	diploid	Abbott & Cobb	
70	Summer Flavor 830	51	a-i					51	diploid	Abbott & Cobb	ACX 5451
71	Summer Flavor 900	36	h-t					36	diploid	Abbott & Cobb	
72	Summer Flavor 910	51	a-i					51	diploid	Abbott & Cobb	
73	Summer Sweet 5244	29	m-x					29	triploid	Abbott & Cobb	
74	Summer Sweet 5544	35	i-u					35	triploid	Abbott & Cobb	
75	Sunday Special			21	e-p			21	triploid	Hazera Genetics	
76	Super Seedless 7167			15	l-t	20	h-n	18	triploid	Abbott & Cobb	SS HQ Var 7167
77	Super Seedless 7177			14	o-u	25	h-n	20	triploid	Abbott & Cobb	SS HQ Var 7177
78	Super Seedless 7187			18	h-r	21	i-o	20	triploid	Abbott & Cobb	SS HQ Var 7187
79	SVR 8282					3	i-o	3	triploid	Seminis	
80	SWD 8307	49	a-j					49	diploid	Sakata Seed America	
81	Sweet Delight			18		21	j-p	20	triploid	Syngenta	RWT 8096-VP
82	Sweet Eat'N			18	i-r	25	j-p	22	triploid	D. Palmer Seed	
83	Sweet Slice	38	f-r	18	j-r	21		26	triploid	Willhite Seed	WX-55
84	Sweetheart			18	h-r			18	triploid	Seigers Seed	
85	SWT 6703	32	j-v					32	triploid	Sakata Seed America	
86	SWT 8705	38	f-s					38	triploid	Sakata Seed America	
87	SWT 8706	35	i-u			24	k-p	29	triploid	Sakata Seed America	
88	SWT 8707	30	k-w					30	triploid	Sakata Seed America	
89	SWT 9708	40	d-q					40	triploid	Sakata Seed America	
90	SWX-190			11	q-u			11	diploid	Colorado Seeds	
91	SXW 5036	39	e-r					39	diploid	Sunseeds	
92	Talladega					29	k-p	29	triploid	Sakata Seed America	
93	Til	45	b-m	34	bcd			40	triploid	D. Palmer Seed	
94	Trillion	26	q-x	8		11		15	triploid	Abbott & Cobb	ACX 257
95	Triple Crown			25	c-k			25	triploid	SeedWay	
96	Triple Prize	41	b-p					41	triploid	SeedWay	
97	Tri-X-313	28	o-x	20	f-p	28	m-p	25	triploid	Syngenta	
98	Tri-X-Palomar	44	b-o	24	d-n	36	n-g	35	triploid	Syngenta	
99	Tri-X-Shadow	35	i-u					35	triploid	Syngenta	
100	UGX-102					43	n-q	43	diploid	United Genetics	
101	UGX-702					29	opq	29	diploid	United Genetics	
102	Vertigo			3	v	3	opq	3	triploid	Hazera Genetics	
103	W 5051	16	x	12	r-u			14	triploid	Sunseeds	
104	W 5052	19	wx	13	p-u			16	triploid	Sunseeds	
105	W 8062			29	c-g			29	triploid	Sunseeds	
106	Wrigley	32	j-v	11	q-u			22	triploid	Seminis	
107	WX-22	55	a-f					55	diploid	Willhite Seed	
108	WX-255					34	opq	34	diploid	Willhite Seed	
109	WX-261					13	pq	13	diploid	Willhite Seed	
110	WX-262					16	q	16	diploid	Willhite Seed	
111	WX-28					5	r	5	triploid	Willhite Seed	
112	WX-30	45	b-m					45	diploid	Southwestern Seed	
113	XP 4525247	42	b-p					42	diploid	Seminis	
	MEAN	38		20		24		28			

Values are the means of four replicate plots; values within a column followed by the same letter(s) are not significantly different (P=0.05, Student-Newman Keuls test).