

Table 1. Comparison of Yield and Quality of Seedless Watermelon in Southwestern Indiana, 2003.

Cultivar	Seed Source	Yield Cwt./A	Yield ^f Tons/A	Fruit No./A	Ave fruit weight		%SS ^s	Flavor ^t	Uniformity ^u	Rind ^v	Size ^w	Shape ^x	Flesh ^y	Degree of
					Lbs									Seedlessness ^z
SR 8021	SS	758.5	37.9 a	4851	15.5	10.0	3	2	M	M	Ov	DP	3	
Trillion	AC	749.6	37.5 ab	4422	16.9	11.0	3	2	Th	M	Ob	P	3	
Tri-X Palomar	RG	732.6	36.6 abc	5000	14.7	10.0	3	3	Th	M	Rd	R	3	
AfternoonDelight	DP	715.8	35.8 abcd	4505	15.9	11.0	2	3	M	S-M	Ov	LR	2	
7167	AC	708.2	35.4 abcde	4356	16.2	11.4	3	3	Th	M	Ov	R	2	
Olympia	SM	698.6	34.9 abcdef	4092	17.1	11.2	3	3	Th	M	Ov	DR	3	
Sweet Delight	RG	696.8	34.8 abcdef	3927	17.8	10.0	4	3	M	M	Ob	R	3	
5244	AC	695.8	34.8 abcdef	4587	15.2	10.0	2	2	M	S-M	Ov	R	2	
Sweet Eat'n	DP	686.4	34.3 abcdef	4402	15.6	12.0	3	3	M	M	Ov-Ob	R	2	
Sunny	WI	685.6	34.3 abcdef	3498	19.6	11.2	4	2	M	L	Ob	O	2	
Sugar Slice	WI	676.0	33.8 abcdef	4323	15.6	10.6	4	3	M	S-M	Rd	R	2	
Wrigley	SM	659.5	33.0 abcdef	4188	15.7	10.0	4	3	Th	S	Rd	R	3	
SR 8020	SS	658.7	32.9 abcdef	4224	15.5	9.0	2	3	M	S-M	Ob	R	3	
Sweet Slice	WI	657.6	32.9 abcdef	4208	15.6	10.8	3	2	Th	M	Ov	R	3	
7177	AC	657.0	32.9 abcdef	4125	15.9	10.6	3	2	M	S-M	Rd-Ov	DP	3	
7187	AC	656.6	32.8 abcdef	4109	16.0	10.0	3	2	Th	M	Ov	R	3	
Butterball	DP	652.4	32.7 abcdef	4554	14.3	13.0	2	3	M	M	Rd	Y	2	
4502	SW	624.5	31.2 bcdef	3696	16.8	11.0	3	2	M	M	Ov	R	3	
WT 02-26	DP	618.1	30.9 cdefg	3795	16.3	10.4	2	2	M	M	Rd-Ov	LR	2	
HSR 3005	HL	597.5	29.9 defg	3894	15.4	10.6	5	3	M	M	Ov	R	2	
Tri-X 313	RG	583.8	29.2 efg	3544	16.5	9.4	3	2	M	M	Ov	R	2	
WX 28	WI	575.4	28.8 fg	2673	21.5	10.0	3	3	M	L	Ob	R	3	
Imagination	RG	573.9	28.7 fg	4422	13.0	9.0	3	3	T	S	Rd	R	1	
Amarillo	RG	494.8	24.7 g	4092	12.1	11.4	3	3	T	S	Rd	Y	2	
Grand mean		658.9	32.9	4145	16.0									
LSD (5%)		128.4	6.4	727	1.2									
C.V. (%)		11.9	11.9	11	4.5									

Randomized complete block design: 3 replications.

^f Yield wt. (tons) averages spanned by the same letter are not significantly different.

^s %SS = Percent soluble solids: the higher the value, the greater the amount of total sugar.

^t Flavor (1 to 5): 1=very poor, 3=acceptable, 5=great.

^u Uniformity (1 to 3): 1=lacks uniformity/variable, 2=average, 3=very uniform.

^v Rind: T=thin, M=medium, Th=thick.

^w Size: S=small, M=medium, L=large, VL=very large.

^x Shape: Rd=round, Ov=oval, Ob=oblong.

^y Flesh: LR=light red, RO=red-orange, R=red, LP=light pink, P=pink, DP=dark pink, Y=yellow.

^z Degree of Seedlessness (1 to 3): 1=brown or black seeds present, 2=white seeds present, 3=no seeds present.