

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

Cultivar	Seed Source	Yield Cwt.Lb/A	Yield ^s Tons/A	Fruit No./A	Ave fruit weight		Flavor ^u	Uniformity ^v	Rind ^w	Size ^x	Shape ^y	Flesh ^z
					Lbs	%SS ^t						
Patriot	WI	541.0	27.1 a	2310	23.4	10.6	3	1	M	M	Ov-Ob	LR
Celebration	RG	538.7	26.9 ab	2299	23.3	10.0	3	2	T	M	Ob	LR
Mardi Gras	RG	536.8	26.8 abc	2273	23.6	9.0	2	2	M	L	Ob	DP
WX 266	WI	529.6	26.5 abc	2112	25.1	11.6	4	2	M	L	Ob	R
Raspa	WI	525.7	26.3 abc	1947	27.2	10.0	3	2	T	L	Rd	LR
WX 260	WI	522.8	26.2 abc	2280	23.0	9.4	2	3	M	M-L	Ob	P
Fiesta	RG	522.3	26.1 abc	2398	21.8	9.6	3	2	M	S-M	Ob	R
Dulce	WI	515.3	25.8 abcd	1782	29.0	9.0	3	2	Th	L	Ob	DP
RWM 8151	RG	502.0	25.1 abcde	1888	26.6	9.8	3	3	Th	M	Ov-Ob	LR
WX 262	WI	495.0	24.7 abcde	1782	27.8	9.6	3	3	Th	L	Ob	R
Gold Strike	WI	494.0	24.7 abcde	2320	21.3	10.2	3	2	T	M	Ob	DY
WX 8	WI	485.3	24.2 abcde	1914	25.4	10.0	2	2	M	M	Ob	R
SF 420	AC	485.0	24.2 abcde	2079	23.3	11.0	4	2	Th	M-L	Ob	LR
WX 264	WI	477.7	23.9 abcde	2079	23.0	10.8	3	2	Th	M	Ob	R
Jamboree	RG	477.2	23.9 abcde	1914	25.1	8.4	2	3	M	L	Ob	LR
WX 261	WI	475.7	23.8 abcde	1881	25.2	9.1	3	3	Th	L	Ob	R
WX 257	WI	470.6	23.5 abcde	1746	27.0	10.0	3	3	T	L	Ob	R
HSR 3024	HL	446.2	22.3 abcde	2079	21.5	11.0	4	3	M	M	Rd	R
RoJo	WI	439.5	22.0 abcde	1914	23.2	9.8	2	1	T	M-L	Ob	R
Ole'	WI	436.9	21.8 abcde	1716	25.5	10.4	3	2	M	M	Ob	R
Sangria	RG	433.3	21.7 bcde	1804	24.2	9.8	3	1	T	L	Ob	R
Carson	HL	430.0	21.5 cde	1947	22.2	10.4	3	2	T	M-L	Ob	R
Campadre	DP	412.8	20.6 de	1749	23.8	11.6	4	3	M	M	Rd	R
RWM 8150	RG	409.9	20.5 de	1716	24.0	10.0	3	3	T	M	Ov-Ob	R
SF 790	AC	396.8	19.8 e	1667	23.7	10.6	3	1	M	L	Ob	R
Grand mean		480.0	24.0	1984	24.4							
LSD (5%)		107.9	5.4	460	2.3							
C.V. (%)		13.7	13.7	14	5.7							

Randomized complete block design: 3 replications.

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

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

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

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

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

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

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

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