

Table 1. Number of fruit, yield, average fruit weight, cull percentage, and harvest timing for seven muskmelon varieties planted on two dates in Northern Indiana, 2003.

Variety	Seed Source*	Mkt. Fruit no./A	Mkt. Yield ton/A	Ave. Wt. Mkt. Fruit lb.	Total Fruit no./A	Total Yield ton/A	Culls % by no.	Percent of Melons Harvested From:			
								8/15-8/19	8/21-8/23	8/27-9/3	9/8
<i>First Planting Date, May 23</i>											
ACX60	AC	5921	15.1	5.11 bc	7351	18.0	19 a	77	12	12	–
ACX70	AC	6262	12.6	3.98 e	6874	13.5	9 c	72	15	13	–
RML37	SY	5990	12.7	4.21 d	6874	14.0	12 bc	72	13	15	–
RML38	SY	5513	12.7	4.61 d	6942	15.4	21 a	51	44	5	–
RML39	SY	4220	10.3	4.85 cd	4696	11.2	10 c	27	32	41	–
SVR1461-1016	SM	4084	11.8	5.79 b	5037	14.1	19 ab	50	48	2	–
Vienna	SM	4220	13.1	6.31 a	4424	13.8	5 c	29	43	27	–
LSD .05**		NS	NS	0.46	NS	NS	8.1				
<i>Second Planting Date, July 2</i>											
ACX60	AC	1429	2.5	3.44 cd	3267	4.8	39	–	6	38	56
ACX70	AC	749	1.1	2.97 d	1770	2.3	59	–	23	48	29
RML37	SY	1497	2.5	3.28 cd	2178	3.5	30	–	68	27	5
RML38	SY	817	1.4	3.43 c	2178	3.1	67	–	45	55	0
RML39	SY	545	1.2	4.63 ab	1906	3.8	72	–	20	47	33
SVR1461-1016	SM	545	1.4	5.01 a	1225	2.9	55	–	0	100	0
Vienna	SM	817	1.8	4.36 b	1361	2.8	40	–	44	29	27
LSD .05**		NS	NS	0.420	NS	NS	NS				
LSD .05 for ACX60†				0.528							

*AC=Abbott & Cobb; SY=Syngenta; SM=Seminis.

**Means differing by more than this amount differ significantly at $P \leq .05$ based on Fisher's protected LSD. NS=not significant.

†Data for only one replication for average weight, use indicated LSD.

Table 2. Fruit characteristics of seven muskmelon varieties in Northern Indiana, 2003.

Variety	SS (%)		Shape	Net*	Sutures**	Rind†	Cavity††	Uniformity#
	15Aug	20Aug						
ACX60	12.8	11.7	oblong	2.5	2	2	2.5	2
ACX70	12.9	10.5	round to oval	2	2	2	2.5	1
RML37	11.3	10.7	round to oval	1.5	0	3	2.5	2.5
RML38	11.8	11.0	round to oval	1.5	0	2	3	2
RML39	10.2	11.2	round to oval	1.5	0	3	3	2
SVR1461-1016	no data	10.9	round to oval	2.5	1	2.5	2.5	1.5
Vienna	11.7	12.4	round to oblong	2	1	2	2	2

*Net: 1 = light, 2=medium, 3=heavy.

**Sutures: 0=none, 1=shallow, 2=medium, 3=deep.

†Rind: 1=thin, 2=medium, 3=thick.

††Cavity size: 1=small, 2=medium, 3=large.

#Uniformity: 1=most variable, 3=most uniform.