

1993 FRESH MARKET "ROMA" TOMATO CULTIVAR TRIAL

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There is an increasing amount of interest in paste-type tomatoes for fresh market, either for pick-your-own or shipping. An elongated or pear shaped fruit is desirable, especially for shipping. A trial was conducted at Harrow to evaluate cultivars for this market. Transplants were grown in 72 cell trays and transplanted to the field on May 10.

Fruit was harvested at the fully ripe stage. Plots were harvested 5 times. Harvest dates were: July 28, August 4, 9, 17, 24.

Yields are in 20 lb cases per acre.

**Summary:**

Early Pear, LaRossa, Hybrid 882, and Trojan have relatively early maturity, and good fruitshape and quality for this market.

HY 9478, MH 6203, Fame and Pacheco could be used for shipping or pick-your-own markets in areas where a square-round or plum fruit shape is acceptable.

Del Oro is early, and produces high yields, but the fruitshape and quality is not desirable. Capri, Veepick and Veeroma have good fruitshape but are too soft for shipping.

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Harrow Research Station, 1993

Variety	Marketable Yield (cases/acre)		Culls (%)	Average Fruitsize (g)	Fruit Shape	Firmness
	Early (to Aug 4)	Total (to Aug 24)				
Del Oro	594	2801	7.1	72	round	2.5
HY 9478	757	2265	6.6	56	plum	3.5
Capri	401	2125	7.2	75	plum	1.0
Early Pear	622	2044	6.6	56	pear	4.0
Tierra	397	1983	20.0	88	round	3.5
Fame	349	1958	9.4	69	plum	4.5
Pacheco	332	1925	6.5	75	sq-round	4.0
MH 6203	363	1897	7.3	78	sq-round	3.0
SM #10	269	1894	11.5	93	sq-round	4.0
SM #12	172	1845	8.9	82	sq-round	4.0
Vega	195	1752	14.3	114	round	4.0
Trojan	290	1717	9.2	73	pear	3.5
Gemini	274	1663	18.8	114	round	2.5
Hybrid 882	256	1578	5.1	64	elongated	3.0
La Rossa	349	1284	9.7	65	pear	4.0
Veeroma	168	1258	1.7	57	pear	1.0
SM #16	128	1222	9.2	96	sq-round	4.0
Rio Grande	61	1161	7.0	89	sq-round	3.5
Veepick	0	656	30.0	98	plum	1.0
LSD .05	199	748	5.7	10		1.3