

Table 1. Variety Information and Overall Yield Per Acre in Orange County

Variety	Skin/Flesh Color	Total Yield (lb/acre)	Total Marketable Yield (lb/acre)	Avg Weight Marketable Root (oz)
Averre	Red/orange	49272	47532	8.9
Covington	Red/orange	46587	45051	8.1
Beauregard	Red/orange	41779	41441	9.0
Burgundy	Dark red/dark orange	40640	39520	10.4
Bellvue	Orange/orange	39114	38408	7.6
Bayou Belle	Dark red/dark orange	38291	37519	9.5
Orleans	Red/light orange	31631	31062	6.9
NC-531	Red/orange	20108	19597	7.4
Murasaki	Purple/white	18111	17562	5.1

All slips were purchased from Jones Family Farms

Planted on 6.5 foot centers on black plastic

Slips were planted in 2 rows per bed, approximately 18 inches apart, 12 inch spacing in-row

Planted 6/4/20

Harvested 9/24/20

Table 2. Size Distribution of Roots Per Acre in Orange County (Highest to Lowest Marketable Yield)

Variety	Total Marketable Yield (lbs)	Total # Marketable Roots	Total Jumbo (>32oz) Weight (lbs)	Total # Jumbo (>32 oz)	Total Large (14-32oz) Weight (lbs)	Total # Large (14-32 oz)	Total Small (4-14oz) Weight (lbs)	Total # Small (4-14 oz)	Total Fingerling (1-4oz) Weight (lbs)	Total # Fingerling (1-4 oz)
Averre	47532	85760	2888	1340	20979	16750	19547	41205	4118	28475
Covington	45051	89445	2140	1005	18725	15745	19398	40535	4789	33165
Beauregard	41441	74035	5823	2345	16038	11725	15956	33165	3624	27470
Burgundy	39520	60635	697	335	19731	16750	17226	32495	1866	13400
Bellvue	38408	80735	2107	670	16174	13735	15583	32830	4544	34170
Bayou Belle	37519	63315	2407	1005	16366	13400	16021	30820	2725	20435
Orleans	31062	72360	701	335	10621	8710	15334	31490	4405	32160
NC-531	19597	42210	0	0	7506	6365	9754	18760	2337	18760
Murasaki	17562	54605	0	0	2166	2010	11541	25460	3855	27805

All slips were purchased from Jones Family Farms

Planted on 6.5 foot centers on black plastic

Slips were planted in 2 rows per bed, approximately 18 inches apart, 12 inch spacing in-row

Planted 6/4/20

Harvested 9/24/20

Cornell Cooperative Extension

Eastern NY Commercial Horticulture Program

Table 3. Cull Information and Distribution Per Acre in Orange County (Highest to Lowest Marketable Yield)

Variety	Total Marketable Weight	Total # Unmarketable Roots	Total Weight Unmarketable Roots	Total # Rodent Damaged	Total Weight Rodent Damaged	Total # Shape Culled	Total Weight Shape Culled	Total # Size Culled	Total Weight Size Culled	Total # Mechanical Damaged	Total Weight Mechanical Damaged	Total # Rot Damaged	Total Weight Rot Damaged
Averre	47532	10385	1741	335	186	0	0	8040	358	670	111	1675	1104
Bayou Belle	37519	9715	772	670	263	0	0	7370	317	1005	101	670	91
Beauregard	41441	6365	338	0	0	0	0	5695	272	670	66	0	0
Bellvue	38408	13735	706	670	199	335	18	13065	507	0	0	335	11
Burgundy	39520	6030	1119	0	0	0	0	3685	173	2680	959	0	0
Covington	45051	7035	1535	670	1021	0	0	6030	241	0	0	0	0
Murasaki	17562	11055	549	670	119	0	0	10385	430	0	0	0	0
NC-531	19597	4690	511	0	0	335	141	3015	135	0	0	1675	252
Orleans	31062	14070	570	0	0	335	13	13735	525	0	0	335	45

All slips were purchased from Jones Family Farms

Planted on 6.5 foot centers on black plastic

Slips were planted in 2 rows per bed, approximately 18 inches apart, 12 inch spacing in-row

Planted 6/4/20

Harvested 9/24/20

Table 4. Size Average and % as Compared to Total Marketable Yield in Orange County (Highest to Lowest Marketable Yield)

Variety	Total Marketable Weight	Jumbo (<32oz)			Large (14-32oz)			Small (4-14oz)			Fingerling (1-4oz)		
		Total Jumbo Weight (lbs/ac)	Average Large Root Weight (oz)	Jumbo Root % of Total	Total Large Weight (lbs/ac)	Average Large Root Weight (oz)	Large Root % of Total	Total Small Weight (lbs/acre)	Average Small Root Weight (oz)	Small Root % of Total	Total Fingerling Weight (lbs/ac)	Average Fingerling Root Weight (oz)	Fingerling Root % of Total
Averre	47532	2888	34.5	6%	20979	20.0	44%	19547	7.6	41%	4118	2.3	9%
Bayou Belle	37519	2407	38.3	6%	16366	19.5	44%	16021	8.3	43%	2725	2.1	7%
Beauregard	41441	5823	39.7	14%	16038	21.9	39%	15956	7.7	39%	3624	2.1	9%
Bellvue	38408	2107	50.3	5%	16174	18.8	42%	15583	7.6	41%	4544	2.1	12%
Burgundy	39520	697	33.3	2%	19731	18.8	50%	17226	8.5	44%	1866	2.2	5%
Covington	45051	2140	34.1	5%	18725	19.0	42%	19398	7.7	43%	4789	2.3	11%
Murasaki	17562	0	0.0	0%	2166	17.2	12%	11541	7.3	66%	3855	2.2	22%
NC-531	19597	0	0.0	0%	7506	18.9	38%	9754	8.3	50%	2337	2.0	12%
Orleans	31062	701	33.5	2%	10621	19.5	34%	15334	7.8	49%	4405	2.2	14%

All slips were purchased from Jones Family Farms

Planted on 6.5 foot centers on black plastic

Slips were planted in 2 rows per bed, approximately 18 inches apart, 12 inch spacing in-row

Planted 6/4/20

Harvested 9/24/20

Cornell Cooperative Extension

Eastern NY Commercial Horticulture Program