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STOKES TOMATO BULLETIN

PUBLISHED BY FRANCIS C. STOKES COMPANY, VINCENTOWN, N. J.

BREEDERS AND GROWERS OF FINE TOMATO SEED

"We build the road; others will make the journey"

—VICTOR HUGO

No. 9.

January 15, 1944

We agree, a tomato bulletin should mention tomatoes here and there.

We are in full sympathy with this premise, and with this issue will at once institute a reform. Even this, alas, may be too late, for a friend of ours from Missouri (or at least a former friend) returned Bulletin No. 8 and asked that his name be removed from our mailing list, making it very plain that he did not want any more of our "Republican propaganda". That certainly gave pause to the editors of this modest sheet. However, we still reserve the privilege of rowing over incompetence, waste, and delay. We must go FORWARD all along the line!

P. D. Q. or D. L. & W.? It makes a lot of difference.

We hoped that by this date we could furnish all State War Board tomato prices for 1944. Very sorry. Not yet. Someone apparently has not been able to make up his mind. It looks very much like the same old story, Judge Vinson. Everything you remember, was going to be on time this year, but we are faltering again. The news has an ominous sound. Let's get going--with Gusto!

New Jersey rings up a First Place.

The following are excerpts from a paper by Harry R. Livingston and Francis C. Stokes read at the big Camden Tomato Meeting, January 5, 1944, held under the auspices of the New Jersey Horticultural Society and the New Jersey Canner's Ass'n.

"New Jersey produced 167,612 pounds of certified tomato seed in 1943. This is better than 80% of the United States production of certified tomato seed. It is sufficient to plant 600,000 acres of tomatoes. New Jersey requires approximately 25,000 pounds of this seed to plant its own cannery and market acreage.

The New Jersey Department of Agriculture has been certifying tomato seed fields for twenty-three years. This service commenced in 1921 with 132 acres. In 1943, 5,504 acres were certified by the state. The harvest of this seed by varieties as follows:

Rutgers	113,546 Pounds
Marglobe	38,561 "
Stokesdale	8,019 "
Pritchard	4,848 "
Garden State	1,380 "
Bonny Best	1,184 "
Campbell's No. 178	40 "
Valiant	34 "

Mr. Edgar G. Rex has ably headed the New Jersey seed certification service for nineteen years. The expansion of this department to its present position of importance has been accomplished largely under the leadership of Mr. Rex.

New Jersey tomato seed certification has set definite standards for stock-seed regulations, for inspection against disease in the seed fields and against varietal mixture. The tomato grower has profited enormously as the result of this seed certification service. There can be no doubt whatever but that it has raised the entire standard of American tomato production and has been a factor in doubling this production over the last ten years. One result is that the tomato is now American's Number One vegetable. The figure just released by the Bureau of Agricultural Economics gives a 1943 farm value to tomatoes for processing and shipping at 143,877,000.00. No other vegetable even approaches that vast figure.

New Jersey tomato growers can take justifiable pride in the contribution they are making in the national effort. All of you are sharing in the increased yields, which have resulted from the well planned and well executed seed breeding and seed harvesting program that has long been established in New Jersey.

UNITED STATES DEPARTMENT OF AGRICULTURE

BUREAU OF AGRICULTURAL ECONOMICS
December 17, 1943

TOMATOES FOR PROCESSING

	ACREAGE			YIELD PER ACRE			PRODUCTION			PRICE PER TON			VALUE		
STATE	10-year average 1932-41	1942	1943	10-year average 1932-41	1942	1943	10-year average 1932-41	1942	1943	10-year average 1932-41	1942	1943	10-year average 1932-41	1942	1943
		-Acres-		Tons (2,000 lbs.)				-Tons-			-Dollars-		-1,000 Dollars-		
New York	17,300	24,300	22,100	7.6	7.2	6.1	131,500	175,000	134,300	12.00	19.00	25.00	1,609	3,325	3,370
New Jersey	32,100	38,800	33,000	5.4	5.8	6.7	172,400	225,000	221,100	15.30	23.90	30.20	2,686	5,378	6,677
Pennsylvania	13,500	28,500	28,600	5.4	5.7	6.6	77,500	162,400	188,800	14.00	20.60	27.90	1,131	3,345	5,268
Ohio	18,700	33,000	23,100	6.0	6.6	3.8	118,000	217,800	87,800	10.50	17.50	22.30	1,291	3,812	1,958
Indiana	77,800	101,300	95,600	4.5	5.6	4.0	353,200	567,300	382,400	10.80	17.60	22.30	3,919	9,984	8,528
Illinois	9,000	11,000	9,300	3.6	4.0	3.7	31,100	44,000	34,400	12.30	17.90	23.00	391	788	791
Michigan	4,400	8,000	6,000	5.9	6.7	2.7	25,400	53,600	16,200	9.80	17.80	22.40	264	954	363
Iowa	5,000	5,100	5,000	3.8	4.6	3.0	17,900	23,500	15,000	11.10	16.90	22.10	204	397	332
Missouri	11,400	19,200	15,100	2.0	2.9	1.6	24,800	55,700	24,200	10.80	19.10	22.70	267	1,064	549
Delaware	11,800	11,800	12,900	3.7	4.7	4.3	41,400	55,500	55,500	14.60	24.70	32.60	601	1,371	1,809
Maryland	52,700	66,800	72,200	4.0	5.0	4.4	202,100	334,000	317,700	13.70	23.80	30.60	2,816	7,949	9,722
Virginia	20,600	32,000	36,000	3.2	3.9	3.5	66,700	124,800	126,000	12.20	21.20	27.70	826	2,646	3,490
Kentucky	4,500	7,200	6,800	2.4	3.1	1.9	10,600	22,300	12,900	10.20	17.80	22.90	111	397	295
Tennessee	7,800	10,500	9,000	2.1	2.0	1.0	16,400	21,000	9,000	11.10	17.40	22.70	182	365	204
Arkansas	13,000	28,100	21,900	1.9	2.5	1.0	27,400	70,200	21,900	10.60	18.50	23.40	292	1,299	512
Colorado	2,800	3,300	4,800	5.8	6.0	7.5	16,200	19,800	36,000	9.90	16.80	22.00	163	333	792
Utah	5,700	8,800	7,600	8.2	9.8	9.6	46,800	86,200	73,000	10.00	16.30	22.20	475	1,405	1,621
California	61,500	124,680	111,000	5.9	6.4	7.2	373,200	798,000	799,200	12.40	19.50	26.00	4,774	15,561	20,779
Other States	19,700	38,820	31,550	3.2	2.8	2.8	61,100	110,700	89,700	10.92	18.31	23.41	673	2,027	2,100
TOTAL ALL STATES	389,300	601,200	551,650	4.64	5.27	4.80	1,813,800	3,166,800	2,645,600	12.23	19.70	26.14	22,675	62,400	69,160

TOMATOES for Market

GROUP	ACREAGE		YIELD PER ACRE		PRODUCTION		PRICE PER BUSHEL		VALUE	
	10-year average 1932-41	1942	1943	10-yr. av. 32-41	1942	1943	10-year average 1932-41	1942	10-year average 1932-41	1942
AND STATE										
Vermont, South County	12,710	14,200	2,000	148	146	1,200 bushels	\$2.42	2,000	4,000 dollars	5,000

	-bushels-				-dollars-				-1,000 dollars-				
	116	140	5,900	148	1,870	1,647	826	2.35	4.00	6.15	4.099	6.588	5,080
Winter:													
Florida, south	96	77	11,600	77	1,189	1,277	893	2.40	4.00	4.35	2,845	5,108	3,885
Early Spring:													
Florida, other	76	68	30,000	68	939	1,672	2,280	1.40	1.75	3.00	1,282	2,926	6,840
Texas, Lower Vy.	162	148	2,750	148	523	1,118	539	2.58	3.35	5.95	1,560	3,745	3,207
California, Imp.	96	82	44,350	82	2,651	4,067	3,712	2.15	2.90	3.75	5,687	11,779	13,932
Group total													
Late Spring:													
Texas, other	75	71	30,300	71	1,942	2,048	2,182	1.10	1.75	3.40	2,017	3,584	7,419
Louisiana	72	81	2,700	81	213	223	148	.98	1.80	3.50	200	360	518
Mississippi	120	104	5,000	104	946	576	500	1.11	1.40	2.35	1,045	806	1,175
South Carolina	70	55	7,000	55	279	385	420	1.58	1.75	3.50	432	674	1,470
Georgia	90	58	3,500	58	207	333	308	1.35	1.35	2.45	261	450	755
Total group	80	75	48,500	75	3,587	3,565	3,558	1.14	1.66	3.19	3,955	5,874	11,337
Early Summer:													
California	158	175	9,000	175	1,260	1,485	1,656	1.29	2.55	3.30	1,666	3,787	5,465
Oregon	265	226	1,300	226	251	265	358	.77	1.60	1.30	190	424	465
Arkansas	100	77	4,400	77	233	380	308	.87	1.25	2.50	194	475	770
Tennessee	135	116	3,800	116	725	621	475	.77	.95	3.60	549	590	1,710
North Carolina	80	63	800	63	102	64	32	1.06	1.25	2.25	103	80	72
Virginia	100	135	4,000	135	318	270	520	.60	.90	1.90	186	243	988
Illinois, Union Co.	125	76	800	76	50	81	96	1.00	1.60	3.20	49	130	307
Missouri	110	88	6,800	88	497	715	714	.95	1.35	2.60	447	965	1,856
Ohio, southeast	220	187	600	187	183	161	132	1.52	3.00	4.00	265	483	528
Maryland	190	144	7,200	144	755	1,368	1,080	.60	.80	1.25	471	1,094	1,350
Delaware	180	124	280	124	27	45	45	.54	.85	1.25	14	38	56
Group total	145	128	38,980	128	4,401	5,455	5,416	.94	1.52	2.50	4,134	8,309	13,567
Late Summer:													
New Jersey	190	178	11,000	178	2,022	1,995	1,980	.68	1.60	2.60	1,349	3,192	5,148
Kentucky	110	94	1,200	94	120	121	108	.70	1.15	2.00	80	139	216
Washington	300	219	1,450	219	327	360	435	.74	1.45	1.80	244	522	711
Pennsylvania	190	176	2,900	176	368	513	638	.84	1.25	1.50	308	641	957
Ohio, other	180	168	4,000	168	687	756	640	.74	1.40	2.25	508	1,058	1,440
Indiana	120	104	9,500	104	577	948	902	.84	1.45	2.40	474	1,375	2,165
Illinois, other	100	94	3,600	94	344	300	396	.68	1.10	1.60	231	330	634
Iowa	130	108	600	108	58	65	72	.65	.85	1.50	35	55	108
New York	205	214	9,200	214	1,580	1,886	2,070	.68	.85	1.30	1,105	1,603	2,691
Michigan	200	158	6,000	158	848	1,120	960	.90	2.15	2.70	775	2,408	2,592
Colorado	230	228	3,000	228	465	621	810	.58	.95	1.25	266	590	1,012
Utah	143	104	600	104	74	50	130	.56	1.75	2.20	42	88	286
Group total	178	163	53,050	163	7,470	8,735	9,141	.73	1.37	1.97	5,417	12,001	17,960
Early Fall:													
Calif., No. Dist.	150	134	14,000	134	842	1,372	1,960	1.49	3.50	3.70	1,247	4,802	7,252
Calif., So. Dist.	175	161	4,500	161	1,252	822	742	1.49	3.25	3.30	1,852	2,672	2,449
Group total	158	147	18,500	147	2,1094	2,194	2,702	1.48	3.41	3.59	3,099	7,474	9,701
Late Fall:													
Texas	70	48	7,200	48	254	455	468	1.34	2.10	2.80	354	956	1,310
Florida	125	98	3,700	98	350	500	278	2.83	5.60	5.00	982	2,800	1,390
Group total	91	66	10,900	66	604	955	746	2.24	3.93	3.62	1,336	3,756	2,700
TOTAL ALL STATES	126	115	220,180	115	22,677	26,618	26,101	1.23	2.10	2.85	27,727	55,781	74,277

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December 17, 1943

TOMATOES FOR PROCESSING

STATE	ACREAGE			YIELD PER ACRE			PRODUCTION			PRICE PER TON			VALUE		
	10-year average 1932-41	1942	1943	10-year average 1932-41	1942	1943	10-year average 1932-41	1942	1943	10-year average 1932-41	1942	1943	10-year average 1932-41	1942	1943
		-Acres-		Tons (2,000 lbs.)				-Tons-		-Dollars-			-1,000 Dollars-		
New York	17,300	24,300	22,100	7.6	7.2	6.1	131,500	175,000	134,300	12.00	19.00	25.00	1,609	3,325	3,370
New Jersey	32,100	38,800	33,000	5.4	5.8	6.7	172,400	225,000	221,100	15.30	23.90	30.20	2,686	5,378	6,677
Pennsylvania	13,500	28,500	28,600	5.4	5.7	6.6	77,600	162,400	188,800	14.00	20.60	27.90	1,131	3,345	5,268
Ohio	18,700	33,000	23,100	6.0	6.6	3.8	118,000	217,800	87,800	10.50	17.50	22.30	1,291	3,812	1,958
Indiana	77,800	101,300	95,600	4.5	5.6	4.0	353,200	567,300	382,400	10.80	17.60	22.30	3,919	9,984	8,528
Illinois	9,000	11,000	9,300	3.6	4.0	3.7	31,100	44,000	34,400	12.30	17.90	23.00	391	788	791
Michigan	4,400	8,000	6,000	5.9	6.7	2.7	25,400	53,600	16,200	9.80	17.80	22.40	264	954	363
Iowa	5,000	5,100	5,000	3.8	4.6	3.0	17,900	23,500	15,000	11.10	16.90	22.10	204	397	332
Missouri	11,400	19,200	15,100	2.0	2.9	1.6	24,800	55,700	24,200	10.80	19.10	22.70	267	1,064	549
Delaware	11,800	11,800	12,900	3.7	4.7	4.3	41,400	55,500	55,500	14.60	24.70	32.60	601	1,371	1,809
Maryland	52,700	66,800	72,200	4.0	5.0	4.4	202,100	334,000	317,700	13.70	23.80	30.60	2,816	7,949	9,722
Virginia	20,600	32,000	36,000	3.2	3.9	3.5	66,700	124,800	126,000	12.20	21.20	27.70	826	2,646	3,490
Kentucky	4,500	7,200	6,800	2.4	3.1	1.9	10,600	22,300	12,900	10.20	17.80	22.90	111	397	295
Tennessee	7,800	10,500	9,000	2.1	2.0	1.0	16,400	21,000	9,000	11.10	17.40	22.70	182	365	204
Arkansas	13,000	28,100	21,900	1.9	2.5	1.0	27,400	70,200	21,900	10.60	18.50	23.40	292	1,299	512
Colorado	2,800	3,300	4,800	5.8	6.0	7.5	16,200	19,800	36,000	9.90	16.80	22.00	163	333	792
Utah	5,700	8,800	7,600	8.2	9.8	9.6	46,800	86,200	73,000	10.00	16.30	22.20	475	1,405	1,621
California	61,500	124,680	111,000	5.9	6.4	7.2	373,200	798,000	799,200	12.40	19.50	26.00	4,774	15,561	20,779
Other States	19,700	38,820	31,650	3.2	2.8	2.8	61,100	110,700	89,700	10.92	18.31	23.41	673	2,027	2,100
TOTAL ALL STATES	389,300	601,200	551,650	4.64	5.27	4.80	1,813,800	3,166,800	2,645,600	12.23	19.70	26.14	22,675	62,400	69,160

TOMATOES for Market

GROUP AND STATE	ACREAGE			YIELD PER ACRE			PRODUCTION			PRICE PER BUSHEL			VALUE		
	10-year average 1932-41	1942	1943	10-yr. av. 32-41	1942	1943	10-year average 1932-41	1942	1943	10-year average 1932-41	1942	1943	10-year average 1932-41	1942	1943
Winter:		-Acres-		-Bushel-			-1,000 bushels-			-Dollars-			-1,000 dollars-		
Florida, south	12,710	14,200	5,900	148	116	140	1,870	1,647	826	2.35	4.00	6.15	4,099	6,588	5,080
Early Spring:															
Florida, other	15,200	13,300	11,600	77	96	77	1,189	1,277	893	2.40	4.00	4.35	2,845	5,108	3,885
Texas, Lower Vy.	13,700	22,000	30,000	68	76	76	939	1,672	2,280	1.40	1.75	3.00	1,282	2,926	6,840
California, Imp.	3,470	6,900	2,750	148	162	196	523	1,118	539	2.58	3.35	5.95	1,560	3,745	3,207
Group total	32,370	42,200	44,350	82	96	84	2,651	4,067	3,712	2.15	2.90	3.75	5,687	11,779	13,932
Late Spring:															
Texas, other	27,360	27,300	30,300	71	75	72	1,942	2,048	2,182	1.10	1.75	3.40	2,017	3,584	7,419
Louisiana	2,690	3,100	2,700	81	72	55	213	223	148	.98	1.80	3.50	200	360	518
Mississippi	9,000	4,800	5,000	104	120	100	946	576	500	1.11	1.40	2.35	1,045	806	1,175
South Carolina	5,140	5,500	7,000	55	70	60	279	385	420	1.58	1.75	3.50	432	674	1,470
Georgia	3,380	3,700	3,500	58	90	88	207	333	308	1.35	1.35	2.45	261	450	755
Total group	47,570	44,400	48,500	75	80	73	3,587	3,565	3,558	1.14	1.66	3.19	3,955	5,874	11,337
Early Summer:															
California	7,370	9,400	9,000	175	158	184	1,260	1,485	1,656	1.29	2.55	3.30	1,666	3,787	5,465
Oregon	1,130	1,000	1,300	226	265	275	251	265	358	.77	1.60	1.30	190	424	465
Arkansas	2,980	3,800	4,400	77	100	70	233	380	308	.87	1.25	2.50	194	475	770
Tennessee	6,360	4,600	3,800	116	135	125	725	621	475	.77	.95	3.60	549	590	1,710
North Carolina	1,720	800	800	63	80	40	102	64	32	1.06	1.25	2.25	103	80	72
Virginia	2,340	2,700	4,000	135	100	130	318	270	520	.60	.90	1.90	186	243	988
Illinois, Union Co.	750	650	800	76	125	120	50	81	96	1.00	1.60	3.20	49	130	307
Missouri	5,570	6,500	6,800	88	110	105	497	715	714	.95	1.35	2.60	447	965	1,856
Ohio, southeast	970	730	600	187	220	220	183	161	132	1.52	3.00	4.00	265	483	528
Maryland	5,090	7,200	7,200	144	190	150	755	1,368	1,080	.60	.80	1.25	471	1,094	1,350
Delaware	210	250	280	124	180	160	27	45	45	.54	.85	1.25	14	38	56
Group total	34,490	37,630	38,980	128	145	139	4,401	5,455	5,416	.94	1.52	2.50	4,134	8,309	13,567
Late Summer:															
New Jersey	11,400	10,500	11,000	178	190	180	2,022	1,995	1,980	.68	1.60	2.60	1,349	3,192	5,148
Kentucky	1,290	1,100	1,200	94	110	90	120	121	108	.70	1.15	2.00	80	139	216
Washington	1,480	1,200	1,450	219	300	300	327	360	435	.74	1.45	1.80	244	522	711
Pennsylvania	2,080	2,700	2,900	176	190	220	368	513	638	.84	1.25	1.50	308	641	957
Ohio, other	4,110	4,200	4,000	168	180	160	687	756	640	.74	1.40	2.25	508	1,058	1,440
Indiana	5,520	7,900	9,500	104	120	95	577	948	902	.84	1.45	2.40	474	1,375	2,165
Illinois, other	3,850	3,000	3,600	94	100	110	344	300	396	.68	1.10	1.60	231	330	634
Iowa	540	500	600	108	130	120	58	65	72	.65	.85	1.50	35	55	108
New York	7,390	9,200	9,200	214	205	225	1,580	1,886	2,070	.68	.85	1.30	1,105	1,603	2,691
Michigan	5,410	5,600	6,000	158	200	160	848	1,120	960	.90	2.15	2.70	775	2,408	2,592
Colorado	2,060	2,700	3,000	228	230	270	465	621	810	.58	.95	1.25	266	590	1,012
Utah	750	350	600	104	143	217	74	50	130	.56	1.75	2.20	42	88	286
Group total	45,880	48,950	53,050	163	178	172	7,470	8,735	9,141	.73	1.37	1.97	5,417	12,001	17,960
Early Fall:															
Calif., No. Dist.	6,350	9,150	14,000	134	150	140	842	1,372	1,960	1.49	3.50	3.70	1,247	4,802	7,252
Calif., So. Dist.	7,860	4,700	4,500	161	175	165	1,252	822	742	1.49	3.25	3.30	1,852	2,672	2,449
Group total	14,210	13,850	18,500	147	158	146	2,094	2,194	2,702	1.48	3.41	3.59	3,099	7,474	9,701
Late Fall:															
Texas	5,430	6,500	7,200	48	70	65	254	455	468	1.34	2.10	2.80	354	956	1,310
Florida	3,710	4,000	3,700	98	125	75	350	500	278	2.83	5.60	5.00	982	2,800	1,390
Group total	9,140	10,500	10,900	66	91	68	604	955	746	2.24	3.93	3.62	1,336	3,756	2,700
TOTAL ALL STATES	196,370	211,730	220,180	115	126	119	22,677	26,618	26,101	1.23	2.10	2.85	27,727	55,781	74,277

ORDER SHEET FOR STOKES TOMATO SEED

FRANCIS C. STOKES, LIMITED

Breeders & Growers of Fine Tomato Seed

VINCENTOWN, NEW JERSEY

Date.....

Name _____

R.D. or Street.....

Post Office.....

State _____

Please send the following by prepaid parcel post:

AMOUNT
ENCLOSED

\$-----

QUANTITY	VARIETY	PRICE	
		Dollars	Cents
	VALIANT Tr. pkt. 50c; oz. \$1; ¼lb. \$3; lb. \$10; 5 lbs. \$45		
	STOKESDALE Tr. pkt. 25c; oz. 50c; ¼lb. \$1.50; lb. \$5; 5 lbs. \$22.50		
	MASTER MARGLOBE, FSU STRAIN Tr. pkt. 25c; oz. 50c; ¼lb. \$1.50; lb. \$5; 5 lbs. \$22.50		
	RUTGERS Tr. pkt. 25c; oz. 50c; ¼lb. \$1.50; lb. \$5; 5 lbs. \$22.50		
	GREENHOUSE FORCING STOCKS <i>This Seed Is Direct From Stokes Proving Ground</i> Tr. pkt. \$1; ¼oz. \$1.75; ½oz. \$3; oz. \$5; ¼lb. \$17.50		
	VALIANT		
	STOKESDALE		
	MASTER MARGLOBE, FSU STRAIN		
	RUTGERS		
	TOTAL		

Florida, south	12,710	2,700	140	110	140	1,070	1,047	920	2.22	4.00	4.35	2,845	5,108	588	5,080
Early Spring:															
Florida, other	15,200	11,600	77	96	77	1,189	1,277	893	2.40	4.00	4.35	2,845	5,108		3,885
Texas, Lower Vy.	13,700	30,000	76	76	76	939	1,672	2,280	1.40	1.75	3.00	1,282	2,926		6,840
California, Imp.	3,470	2,750	196	162	196	523	1,118	539	2.58	3.35	5.95	1,560	3,745		3,207
Group total	32,370	44,350	82	96	84	2,651	4,067	3,712	2.15	2.90	3.75	5,687	11,779		13,932
Late Spring:															
Texas, other	27,360	30,300	71	75	72	1,942	2,048	2,182	1.10	1.75	3.40	2,017	3,584		7,419
Louisiana	2,690	2,700	81	72	55	213	223	148	.98	1.80	3.50	200	360		518
Mississippi	9,000	5,000	104	120	100	946	576	500	1.11	1.40	2.35	1,045	806		1,175
South Carolina	5,140	7,000	55	70	60	279	385	420	1.58	1.75	3.50	432	674		1,470
Georgia	3,380	3,500	58	90	88	207	333	308	1.35	1.35	2.45	261	450		755
Total group	47,570	48,500	75	80	73	3,587	3,565	3,558	1.14	1.66	3.19	3,955	5,874		11,337
Early Summer:															
California	7,370	9,000	175	158	184	1,260	1,485	1,656	1.29	2.55	3.30	1,666	3,787		5,465
Oregon	1,130	1,300	226	265	275	251	265	358	.77	1.60	1.30	190	424		465
Arkansas	2,980	4,400	77	100	70	233	380	308	.87	1.25	2.50	194	475		770
Tennessee	6,360	3,800	116	135	125	725	621	475	.77	.95	3.60	549	590		1,710
North Carolina	1,720	800	63	80	40	102	64	32	1.06	1.25	2.25	103	80		72
Virginia	2,340	4,000	135	100	130	318	270	520	.60	.90	1.90	186	243		988
Illinois, Union Co.	750	800	76	125	120	50	81	96	1.00	1.60	3.20	49	130		307
Missouri	5,570	6,500	88	110	105	497	715	714	.95	1.35	2.60	447	965		1,856
Ohio, southeast	970	730	187	220	220	183	161	132	1.52	3.00	4.00	265	483		528
Maryland	5,090	7,200	144	190	150	755	1,368	1,080	.60	.80	1.25	471	1,094		1,350
Delaware	210	280	124	180	160	27	45	45	.54	.85	1.25	14	38		56
Group total	34,490	38,980	128	145	139	4,401	5,455	5,416	.94	1.52	2.50	4,134	8,309		13,567
Late Summer:															
New Jersey	11,400	10,500	178	190	180	2,022	1,995	1,980	.68	1.60	2.60	1,349	3,192		5,148
Kentucky	1,290	1,100	94	110	90	120	121	108	.70	1.15	2.00	80	139		216
Washington	1,480	1,450	219	300	300	327	360	435	.74	1.45	1.80	244	522		711
Pennsylvania	2,080	2,900	176	190	220	368	513	638	.84	1.25	1.50	308	641		957
Ohio, other	4,110	4,000	168	180	160	687	756	640	.74	1.40	2.25	508	1,058		1,440
Indiana	5,520	9,500	104	120	95	577	948	902	.84	1.45	2.40	474	1,375		2,165
Illinois, other	3,850	3,600	94	100	110	344	300	396	.68	1.10	1.60	231	330		634
Iowa	540	600	108	130	120	58	65	72	.65	.85	1.50	35	55		108
New York	7,390	9,200	214	205	225	1,580	1,886	2,070	.68	.85	1.30	1,105	1,603		2,691
Michigan	5,410	6,000	158	200	160	848	1,120	960	.90	2.15	2.70	775	2,408		2,592
Colorado	2,060	3,000	228	230	270	465	621	810	.58	.95	1.25	266	590		1,012
Utah	750	600	104	143	217	74	50	130	.56	1.75	2.20	42	88		286
Group total	45,880	53,050	163	178	172	7,470	8,735	9,141	.73	1.37	1.97	5,417	12,001		17,960
Early Fall:															
Calif., No. Dist.	6,350	9,150	134	150	140	842	1,372	1,960	1.49	3.50	3.70	1,247	4,802		7,252
Calif., So. Dist.	7,860	4,700	161	175	165	1,252	822	742	1.49	3.25	3.30	1,852	2,672		2,449
Group total	14,210	13,850	147	158	146	2,094	2,194	2,702	1.48	3.41	3.59	3,099	7,474		9,701
Late Fall:															
Texas	5,430	6,500	48	70	65	254	455	468	1.34	2.10	2.80	354	956		1,310
Florida	3,710	4,000	98	125	75	350	500	278	2.83	5.60	5.00	982	2,800		1,390
Group total	9,140	10,500	66	91	68	604	955	746	2.24	3.93	3.62	1,336	3,756		2,700
TOTAL ALL STATES	196,370	220,180	115	126	119	22,677	26,618	26,101	1.23	2.10	2.85	27,727	55,781		74,277

Tomato notes.

Harry Hornbuckles's new ice company should be off to a good start. We all found that 6,000 lbs. of ice per car was extremely beneficial to our tomato plants. The Express Company in its wisdom said no ice. The heat was turned on at the meeting in Philadelphia, held January 4th, when some fifty men from the Government, from the railroads, from the Express Company, and from the tomato industry smoked out the subject and came to an agreement. We can for \$7.50 per car have ice, which, of course, means better plants and better plants in turn mean more tomatoes.

The big New Jersey Tomato Meeting was held in Convention Hall January 5th, with about 1000 growers present. Edward Faulkner, famed author of "Plowman's Folly" was the drawing card. 348 growers made the New Jersey Ten-Ton club for 1943. Charles Nissley the club's god-father, was especially pleased for it was the driest season in 51 years in New Jersey. Mr. Sherman Perkins of Wrightstown, N. J. a Campbell contractor with Rutgers won the Quantity Prize with a yield of 23.54 tons per acre on 10 acres. Mr. Milton S. Roberts of Englishtown, N. J. a Stokes contractor won the Quality Prize with an average U. S. Grade of 90% No. 1 and 10% No. 2. No culls. Mr. Roberts produced 16 tons per acre on 8 acres. Sincere congratulations to both of you!

Recent experiments in New Jersey and in Georgia indicate that tomato seed treatment in the future may be done by dusting and not by solution. Dr. Davis of New Brunswick and Mr. Gunn of Tifton are at work on the details. This is encouraging news.

Again Stokes Tomato Juice reports "Present" on the war front. This time our friend Jules Laurent, thrice wounded in Africa and Sicily sends us a V-Mail greeting and says that Vincentown's best was right behind the Front Line. We'll do our best to keep it coming, Jules.

Reports from our Winter Proving Ground at Homestead, Florida, tell of a narrow escape from the last freeze. Generally speaking the news is good. Maturities will be late February. M 12 and M 15 are good number to remember. They alone are worth the price of admission--a pass from Charles Schaffer, our superintendent.

There is not a full supply of tomato seed for crop 1944. If you have not fully covered your requirements act promptly.. We are averaging about 75% on our deliveries. Other growers are approximating that.

With today's market tomatoes selling at \$4.00 and \$5.00 per lug box, and with cannery tomatoes probably headed for \$27.00 per ton average, the prospects are that again this will be the Vegetable of the Year for 1944.

Garden State, the new Campbell Soup Company introduction, formerly called No. 37, has won the approval of many cannery tomato growers. This tomato is the product of Dr. D. R. Porter, Geneticist and results from crosses involving Pritchard, Marvel and Pink Topper. Yield, Season and quality tests have been conducted for the past four years. Garden State has been developed as an earlier maturing variety and should largely be studied from that standpoint. In a number of tests it has been proven slightly larger and has yielded heavier than Rutgers.

In 1636, the Tomato carried "a rank and stinking savour"

I am indebted to Mr. J. Horace McFarland for sending me the October 1942 issue of the Journal of the Royal Horticultural Society, which contained an article "The Tomato As a National Fruit" by Mr. Arthur Hoare, Ministry of Agriculture and Fisheries.

"A search of the horticultural literature published a century ago brings a little reward in the shape of references to the Tomato as a cultivated crop for human consumption. There is not a single reference to the Tomato in the volume of the Gardeners' Chronicle for the year 1845 in the writer's possession, and none of the books of this period concerned with vegetable growing and fruit culture refers to the Tomato as a salad fruit. When mentioned at all it is in reference to its use as an ingredient in pickles, sauces and soups.

"The tardy recognition in Britain of a fruit which was destined in the end to play such an important part in our national life is perhaps not difficult to understand. For the British public has received scant encouragement to take any interest in this plant from the New World, the Potato's fellow migrant, which JOHN GERARDE (1) had referred to in such scathing terms: "...the whole plant, "write GERARDE in The Herball or Generall Historie of Plantes (1636 edition), "is of a rank and stinking savour." On the subject of its uses by what we must suppose GERARDE regarded as the less sophisticated of the human race he wrote: "In spaine and those hot Regions they use to eate the Apples boiled with pepper, salt and oyle; but they yield very little nourishment to the body, and the sme naught and corrupt.

"Likewise, they eate the Apples with oyle, vinegre and pepper mixed together for sauce to their meat, even as we in these cold countries use mustard."

"Whether GERARD'S opinion of the Love Apple, as it was then generally called, definitely influenced public opinion in Britain it is difficult to say, but we do know that for the next two hundred years the possibilities of the Tomato as an edible fruit, and not just an ingredient of soups and pickles, received little attention.

"The thirteenth edition of PHILIP MILLER'S The Gardeners' Kalendar, published in 1762, goes no further with the subject than the statement - "The Tomatoes for soups and the capsicums for pickling which have been raised on hot beds should be transplanted to the places where they are designed to remain.... The Tomato should be near a wall, pale, hedge or espalier, to which the plants when grown must be fastened to support them".

"JOHN ROGERS in The Vegetable Cultivator (1843) remarks apropos of the "Love Apple": "There is but variety (the old original red) worth cultivating; the yellow is not much noticed, and the Cherry and Pear-shaped, of French extraction, are of little worth".