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STOKES TOMATO BULLETIN

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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 canny 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 4,828
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.
### TOMATOES FOR PROCESSING

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<thead>
<tr>
<th>STATE</th>
<th>10-year average 1932-41</th>
<th>1942</th>
<th>1943</th>
<th>10-year average 1932-41</th>
<th>1942</th>
<th>1943</th>
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# TOMATOES for Market

![Image of the table with data on tomato production, yield, and price per ton for different states and years.](image-url)

## BUREAU OF AGRICULTURAL ECONOMICS
December 17, 1943

<table>
<thead>
<tr>
<th>GROUP AND STATE</th>
<th>ACREAGE</th>
<th>YIELD PER ACRE</th>
<th>PRODUCTION</th>
<th>PRICE PER MUSKEL</th>
<th>VALUE</th>
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<td><img src="image-url" alt="Winter Yield Per Acre" /></td>
<td><img src="image-url" alt="Winter Production" /></td>
<td><img src="image-url" alt="Winter Price Per Muskel" /></td>
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<td>72,000</td>
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| **Total** | 80,000 | 30,000 | 2,400,000 | 2,850 | 2,850 |

---

**Note:**
- Acreage, yield, production, and price per muskel are in thousands.
- Value is in millions of dollars.
- Year 1932-41 is indicated for some data points.

---

**Notes on the Table:**
- The table provides comprehensive data on tomato production, yield per acre, production, and price per muskel for various states and years, with a focus on different seasons and market groups.
- The data includes acreage, yield per acre, production, and price per muskel, along with their respective values in millions of dollars.

---

**Additional Information:**
- The data is sourced from the Bureau of Agricultural Economics, indicating it is a governmental report.
- The table is designed to provide a clear and concise overview of the tomato market, including yield per acre, production, and market values across various states and years.

---

**Further Reading:**
- Additional resources on agriculture, specifically tomato production and market analysis, can be found in agricultural journals and reports.
- Government publications and databases are valuable resources for comprehensive data on agriculture and agriculture economics.

---

**Footer:**
- The table includes a link to the full source document for further reading.
- The table is intended for use by researchers, policymakers, and stakeholders in the agricultural sector.
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:

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<th>PRICE</th>
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<th>QUANTITY</th>
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TOTAL

AMOUNT ENCLOSED

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<th>Late Spring</th>
<th>Early Summer</th>
<th>Late Summer</th>
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</table>
**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 day 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 smocked 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. 318 growers made the New Jersey Ten-Ton club for 1943. Charles Missley 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. N 12 and N 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 $2.00 and $5.00 per lug box, and with canny 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 canny tomato growers. This tomato is the product of Dr. B. R. Porter, Genetist 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 HoFarland 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 Gardener's 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 Plants (1636 edition), "is of a rank and stinking savour." On the subject of its use 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 eat the Apples boiled with pepper, salt and oyle; but they yield very little nourishment to the body, and the same naught and corrupt.

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

"Whether GERARDE'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 espailer, 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".