Thomas Jefferson’s Revolutionary Garden

Jefferson’s elegantly composed fantasy of an alternative career as a market gardener is well known because it resonates with gardeners from all ages. The image of repeated harvests through the season suggests the hopefulness inherent in the gardening process. Thomas Jefferson’s garden during his retirement from public life at Monticello, 1809–1826, was the terraced vegetable garden, a thousand-foot-long experimental laboratory overlooking the rolling Piedmont Virginia countryside. This was the chief horticultural achievement of Thomas Jefferson’s tenure at Monticello, itself described as his autobiography in the way its architecture and gardens expressed the multifaceted intellect of the author of the Declaration of Independence. Thomas Jefferson’s Monticello vegetable garden was a revolutionary American garden. Many of the summer vegetables we take for granted today—tomatoes, okra, eggplant, lima beans, peanuts, peppers—were slow to appear in North American gardens around 1800. European travelers commented on the failure of Virginia gardeners to take advantage of “the fruitful warmth of the climate” because of the American reliance on “the customary products of Europe”: cool-season vegetables. Jefferson’s garden was unique in showcasing a medley of vegetable species native to hot climates, from South and Central America to Africa to the Middle East and the Mediterranean. Few places on earth combine tropical heat and humidity with temperate winters like those at Monticello. Jefferson capitalized on this by creating a south-facing terrace, a microclimate that exaggerates the summer warmth, tempers the winter cold, and captures an abundant wealth of crop-ripening sunshine. His collection of esculent talent, culled from virtually every...
Western culture known at the time, provided a display of warm- and cool-season vegetables unrivaled among American gardens of his day.

Jefferson’s Monticello garden was an Ellis Island of introduced economic plants, some 330 varieties of ninety-nine species of vegetables and herbs. Jefferson wrote that “the greatest service which can be rendered any country is to add an useful plant to it’s culture,” and he envisioned his garden as a means for transforming society. He distributed seeds of his latest novelty vegetable to neighbors, political allies like George Washington and James Madison, and an international community of plantsmen, with the persistence of a religious reformer, a missionary of seeds. Although it is difficult to verify that Jefferson was the first to introduce any specific vegetable into American gardens, the recitation of crops grown at Monticello is a roster of rare, unusual, and pioneering species: asparagus bean, sea kale, tomatoes, rutabaga, okra, potato pumpkins, winter melons, tree onion, peanuts, “sprout kale,” serpentine cucumbers, Brussels sprouts, orach, chickpeas, gherkins, cayenne pepper, rhubarb, black salsify, sesame, and eggplant. Jefferson summed up his experimental proclivities in a letter to Samuel Vaughan Jr. in 1790: “I have always thought that if in the experiments to introduce or to communicate new plants, one species in an hundred is found useful and succeeds, the ninety nine found otherwise are more than paid for.”

The vegetable garden in itself is the true American garden: practical, expansive, wrought from a world of edible immigrants. The Monticello garden is distinctly American in its scale and scope. More than two hundred thousand cubic feet of Piedmont red clay was moved with a mule and cart by a crew of enslaved men Jefferson hired from a Fredericksburg, Virginia, farmer. Over three years they created the garden terrace, which was retained by five thousand tons of rock laid as high as twelve feet and extending the length of the garden. Jefferson’s four hundred–tree south orchard, surrounding two vineyards, extended
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below the wall and vegetable terrace, and the entire complex was enclosed by a ten-foot-high paling fence that ran for more than half a mile. Looking east from the garden plateau today, one is struck by the “ocean view” and, to the southwest, by the pleasing pattern of rows of vegetables against the background of Montalto, Jefferson’s “high mountain.” Atop the massive stone wall, Jefferson designed a classically inspired temple or pavilion, described appropriately as an “observatory” by some Monticello visitors. The pavilion is a deliberately designed perch upon which to gaze into the Virginia landscape, and the terraced garden was a stage from which to look down at what Jefferson referred to as “the workhouse of nature . . . clouds, hail, snow, rain, thunder, all fabricated at our feet.”

“A Rich Spot of Earth” author Peter Hatch was instrumental in the restoration of Jefferson’s 2,400-acre landscape.

But tho’ an old man, I am but a YOUNG GARDENER.

THOMAS JEFFERSON TO CHARLES WILSON PEALE, 1811