

Northeast Region



The Northeast Region of the IR-4 Project is centered at the Cornell University New York State Agricultural Experiment Station, in Geneva, NY, and comprises both a field and a laboratory section. The field sector, working in cooperation with university and State Experiment Station researchers throughout the region, conducts field trials on important minor food crops, as well as nursery and greenhouse stock. The Cornell Analytical Chemistry Laboratory uses state of the art instrumentation to provide EPA with pesticide residue data on various crops and commodities. The data on fruits, vegetables and other minor crops supports the registration of crop protection agents for the use by our growers, insuring a safe food supply and preservation of the farmland.

CROP	TOP 10 RANKING OF PRODUCTION BY STATE (1997 Census of Agriculture)											
	Ranking when New England considered as one state (44 states)							Ranking of Individual New England States (50 states) ^a				
	DE	MD	NJ	NY	PA	WV	New England	MA	ME	NH	RI	VT
Apple				2*	5	9	7					
Grape		3			4*							
Peaches			4		4*							
Pears			4		5		7		10			
Wild Blueberries			4	2	3	5	1	3	1	2		
Cranberries		2		10				2	6			
Raspberries			6			10	5					
Strawberries (fresh spring)				4*	3*		4					
Broccoli							Top 5		Top 5			
Pumpkins				3*	5		3					
Snap beans				3	10							
MINOR CROPS VALUE, % OF ALL CROPS	<50%	<50%	89%	68%	66%	62%	>90%	97%	97%	92%	90%	97%

^a Ranking of non-New England states not adjusted.
^{*}from 2001 data. Between 1997 and 2001 some New York and Pennsylvania rankings changed, the rankings for other states have not been adjusted. Other 2001 New York production rankings are: tart cherries, #4; cabbage, #11; fresh sweet corn, #2; processed sweet corn, #5; onions, #6; squash, #5; processing green peas, #4; Calliflower, #7

Residue Chemist and Lab Research Coordinator are interpreting data from clethodim (herbicide) on snap bean obtained by gas chromatography with Flame Photometric Detection.



Analyst in the process of extracting and distilling samples containing the herbicide pronamide on cranberry.

Wine grapes are a growing industry in the Northeast, especially in New York and Pennsylvania, where about 1/3 of the grape crop is used for wine. A cluster of Merlot grapes, Long Island Horticultural Research and Extension Center Riverhead, NY.



Maine is the largest producer of wild blueberries in the U.S. followed by New Hampshire, Massachusetts, New York, Pennsylvania, New Jersey and West Virginia. Wild blueberries growing at Blueberry Hill Farm Experiment Station, Jonesboro, ME.



New York is the #1 producer of fresh cabbage. Cabbage in the mist, at the H.C. Thompson Farm, Cornell University, Freeville, NY.



In Connecticut, where the nursery/greenhouse industry accounts for 34.7% of the state's cash crop receipts, tree production-and therefore, weed control-is important. Dayflower (inset, an important weed in conifers) control in herbicide treated (front) and untreated (rear) plots. Valley Lab., Connecticut Agricultural Extension Service, Windsor, CT.



Fresh herbs are a growing business. An IR-4 dill residue trial at the University of New Hampshire, Durham, NH.



Massachusetts and New Jersey are the second and third largest producers of cranberries in the U.S. Cranberry harvest, UMASS Cranberry Station, East Wareham, MA.

Ornamentals work. Pennsylvania State University, University Park, PA.

West Virginia University Morgantown, WV.



The Northeast is a major producer of apples, with New York the second largest producer in the U.S. Most IR-4 research is conducted at in an established plantation at the Rutgers Agricultural Research and Extension Center, Upper Deerfield, NJ.



Nursery, greenhouse and turf sales account for 63% of crop cash receipts in Rhode Island. A IR-4 container trial. University of Rhode Island, Kingston, RI.



Pumpkins are an important attraction at roadside stands and pick-your-own farms throughout the region in October. The pumpkin patch at Lower Eastern Shore Research and Extension Center, Salisbury, MD.



Direct marketing is a big part of agriculture in the urban northeast. A Farmers Market, New York City.

- Analytical Laboratories NYSAES/Cornell University Geneva, NY
- Ornamentals Research Sites
- Residue Field Research Sites