

# Bringing Organic Sweet Corn Back to Long Island

## Final Report for FNE04-534

Project Type: Farmer

Funds awarded in 2004: \$1,543.00

Projected End Date: 12/31/2004

Matching Non-Federal Funds: \$3,100.00

Region: Northeast

State: New York

Project Leader:

[Eve and Chris Kaplan-Walbrecht](#)

Garden of Eve Organic Farm

## Project Information

### Summary:

Note to readers, attached is the complete final report for FNE04-534.

In 2004 Garden of Eve and organic vegetable and flower farm on Long Island, tested the use of a silk application of vegetable oil with *Bacillus thuringiensis* to control corn earworm to produce a marketable quality and quantity of organic sweetcorn for commercial sale. We planted corn approximately every 3 weeks between late May and July, used pheromone moth traps to monitor earworm populations and used a backpack sprayer to spray the oil/Bt solution on all plantings but the first one at the tassel stage. Results showed that earworm damage was lowest early in the season, even in untreated corn and increased as the summer progressed. Treatments did help reduce earworm damage, but by the end of the summer high damage rates (approximately 75%) were still observed. However, growing sweet corn was considered an economic success for the farm due to high demand for and satisfaction with even damaged ears by CSA members. In 2005 the farm plants to expand acreage dedicated to organic sweet corn and spray more frequently towards the end of the season to see whether it is possible to reduce pest damage rates.

- [FNE04-534 Final Report](#)
- [Garlic Fest 2005 Photos](#)

## Cooperators

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## Research

### Participation Summary

Any opinions, findings, conclusions, or recommendations expressed in this publication are those of the author(s) and do not necessarily reflect the view of the U.S. Department of Agriculture or SARE.



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