

# Hazelnuts and chestnuts

The USDA and NY Farmland Viability Institute are funding research to support growers



# Regional Genetic Improvement Specialty Crop Block Grant (SCBG)-

**“Facilitating regional hazelnut and chestnut industries through the identification of improved genetic materials and best management practices”.**

- **Germplasm:** Existing regional plantings of seedlings and promising clones will be identified and evaluated for superior genetic material during harvest.
- **Orchard layout and management:** Important questions on orchard layout, density, floor management, pest management, harvest timing and strategies need resolution.
- **Marketing:** The capacity of local markets such as direct sales and supermarkets will be estimated for the region.
- **Nut Processing Equipment:** Determine processing equipment needs.
- **Outreach:** Report and demonstrations at local farms.

Principal Investigator: Graham Savio - CCE of Tompkins County Co.

Agroforestry Educator: Gabriel Smith - CCE of Tompkins County Co.  
leader: Brian Caldwell - Director NYTCA

# Orchards and Agroforestry...Why Now?

- Chestnut and hazelnut trees are native to the region.
  - Newer Hybrid Hazelnut and Chestnuts are now available for planting in our region.
- Throughout the Northeast hillside farmland has been abandoned and is ideal for trees.
  - Excellent for Agroforestry practices in existing fields!
- Agroforestry, particularly silvopasture, is seen as the best practice for economic and ecological benefits.



# Agroforestry

- What is agroforestry?
  - what does it look like?
  - who does it, who can do it?





# Biodiversity

- Biodiversity and native plants
  - Functional diversity
    - Ecosystem services
    - Climate change
    - Cultural importance





# Silvopasture

- Silvopasture
  - Commonly perceived as cattle in pines
  - Fodder, shade, structure
- Common species for planting
  - Honey Locust, American Persimmon, Oaks, Apples, Willow, Poplar, black locust, Mulberry





# Alley cropping

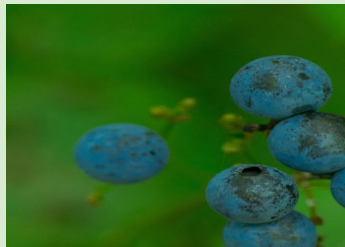
- A very flexible system
  - In time and in space
- Species
  - Elderberry, aronia, nuts, grains, legumes, etc.





# Forest farming

- Medicinals!
  - Ginseng, cohosh, goldenseal
- Agroforestry Resource Center
  - A wonderful resource hosted by Columbia/Green counties in Acra.
- Arnot research forest
- Requirements
  - Canopy
  - Ph
  - Exclusion
  - Leaf mulch



Blue Cohosh  
*Thalictrum thalictroides*  
Ranunculaceae









## Sources of trees

1. Canopy(Red Fern genetics): [Shop – Canopy Farm Management \(canopyfm.com\)](https://canopyfm.com)
2. Grimo website Hazelnuts and Chestnuts : [Home - Grimo Nut Nursery](https://grimonutnursery.com)
3. Northpoint Forest Farm Supply: [North Point Forest Farm Supply \(northpointffs.com\)](https://northpointffs.com)
4. Rt. 9 Cooperative for Chestnuts: [Home - Route 9 Cooperative](https://route9cooperative.com)
5. St. Lawrence Nursery: [St. Lawrence Nurseries \(slngrow.com\)](https://slngrow.com)
6. Twisted Tree Nursery: [Twisted Tree Farm \(twisted-tree.net\)](https://twisted-tree.net)
7. Yellow Bud Farm: : <https://www.yellowbud.farm/>
8. Z's Nutty Ridge LLC: [WELCOME TO Z'S NUTTY RIDGE NURSERY - Your Native Nut Tree Store – Z's Nutty Ridge LLC \(znutty.com\)](https://znutty.com)

Other suggestions?