







What are we up to?

Non-timber Forest Products / Forest Farming



Appalachian Beginning Forest Farmer Coalition
Merging Traditional Practices and Basic Science
Blue Ridge Woodland Growers Action Research
Non-timber Product Output Report
Production Functions and Techniques
Landowner driven design

Non-timber Forest Products / Forest Farming



Appalachian Beginning
Merging traditional pr
Blue Ridge Woodland
Non-timber Product C
Production Functions and Techniques

Photo credit Visionarium VT



Print Layers Basemap

Study Area

Aspect

Slope

Elevation

Land Cover

Frost Free Days

Total Growing Season Precip.

Avg. Growing Season Temp.

Imagery with Labels

Dark Gray Canvas

National Geographic

Oceans

Forest Farm Site Reports

Results

- Report generation failed
- Site report generation Canceled
- Report request submitted
- Report generation task initiated
- Processing datasets on server...
- Succeeded. Please check your email**

Clean Results

Photo credit Visionarium VT



Citizen Science

PlantShoe
botanical detectives

George Willis Art



2,500 subscribers
Over 600,00 views since 2013

Bob Beyfuss
Independent Ginseng Specialist

Where does ginseng grow?



Forest Farming

Subscribe 2,587

149,174

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435 19

Published on Oct 31, 2013

Ginseng expert, Bob Beyfuss, explains the best forest types to look for when growing ginseng. While ginseng does not like a lot of nutrients, it does prefer calcium-rich soils. Bob identifies many different plants within the understory that signify whether the site is good for growing ginseng.

SHOW MORE

Up next

Autoplay



The Lifecycle of Ginseng

Forest Farming

40,974 views

6:46



How to find Wild Ginseng plants and how to identify them

scannerguy1968

337,987 views

9:13



Growing Ginseng Paying Dividends

InnovationOxford

58,416 views

16:36



\$900 for dandelions - sell your weeds!

paul wheaton

130,393 views

6:08



The Largest Root That I Have Eevr Got To Record

Billy Taylor

119,780 views

7:00



Processing Ginseng

Forest Farming

17,656 views

3:05



Ginseng Hunting 101. Become a PRO!

Dboy Lee

51,767 views

27:28



Ginseng expert, Bob Beyfuss

jefeester

46,856 views

5:32



What is Goldenseal?

Forest Farming

17,400 views



Field Training...



Community Food Forests

Form and Function

Social Processes

Permanence

60+

Community Food Forest

Initiatives Across the US



Buffers and Upland Contour Plantings





VDOF prioritization project

Social science landowner segmentation studies

Conservation Credit for Agroforestry Production

NRCS-CIG; NFWF

Silvopasture



Establishment



Animal Performance





Field training...



Agroforestry Service Learning at Virginia Tech

What would we like to be up to?



What would we like to be up to?



Technology – immersive decision support (needs; big data)

Consumer awareness/preferences

Expanding supply chain research and engagement (CSR; EO)

Operational innovation and efficiency

Permaculture and other socially-based holistic land use movements

Business planning models

Changing dynamics of landowners (segmentation, typologies)

Partnerships?

Wielwood
Forest

Photo courtesy of Catherine Bukowski

Partnerships?

Agricultural colleagues and stakeholders
Agricultural interest groups (e.g., Farm Bureau)
State agencies and local offices
Informal governance groups and frameworks (e.g., Landcare)
Technology specialists (have innovations, looking for issues)
Philanthropy (foundations, private donors)
Celebrity and culinary and nutraceutical industries
Private business

A close-up photograph of a person's hand holding two small plant root systems. The roots are dense, fibrous, and yellowish-brown in color, with some darker, possibly necrotic, sections. The roots are held against the palm of the hand, which is positioned over a background of green grass. The text "2017 North American Agroforestry Conference June Blacksburg, VA" is overlaid in white on the lower-left portion of the image.

**2017 North American
Agroforestry Conference
June Blacksburg, VA**