







# TREE CROPS

# A PERMANENT AGRICULTURE

by J. Russell Smith

Introduction by Wendell Berry



"If we think of ourselves as a race, a nation, a people that is to occupy its country generation after generation, we must change some of our habits or we shall inevitably experience the steadily diminishing possibility of support for man." John Russell Smith





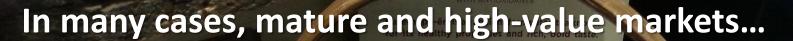












2011 consumer sales of herbs and botanicals in the U.S. reached \$5.28 billion, raw materials \$500 million – Nutrition Business Journal

Aggregate annual value of NTFP harvests in North America likely runs in the tens of billions of dollars — McLain and Jones (2005)

Often also informal and imperfect, and raw materials heavily harvested in the wild...





# Md. bans ginseng hunting on state land wapo.st/12j2bfu

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#### Maryland bans wild ginseng harvest on state land, upsetting diggers

Maryland banned ginseng hunting on state land after a study showed a steep drop in the number of plants.



View on web

21

RETWEETS

8

**FAVORITES** 





















#### What's Popular Now F

Cory Booker for Senator



New U.S. Policy Gives Equal Treatment to Same-Sex



Spouses' Visa Applications

Ads by Google

what's this?

#### Are you an ANSI member?

ANSI members engage in issues that shape the future of technology ansi.org





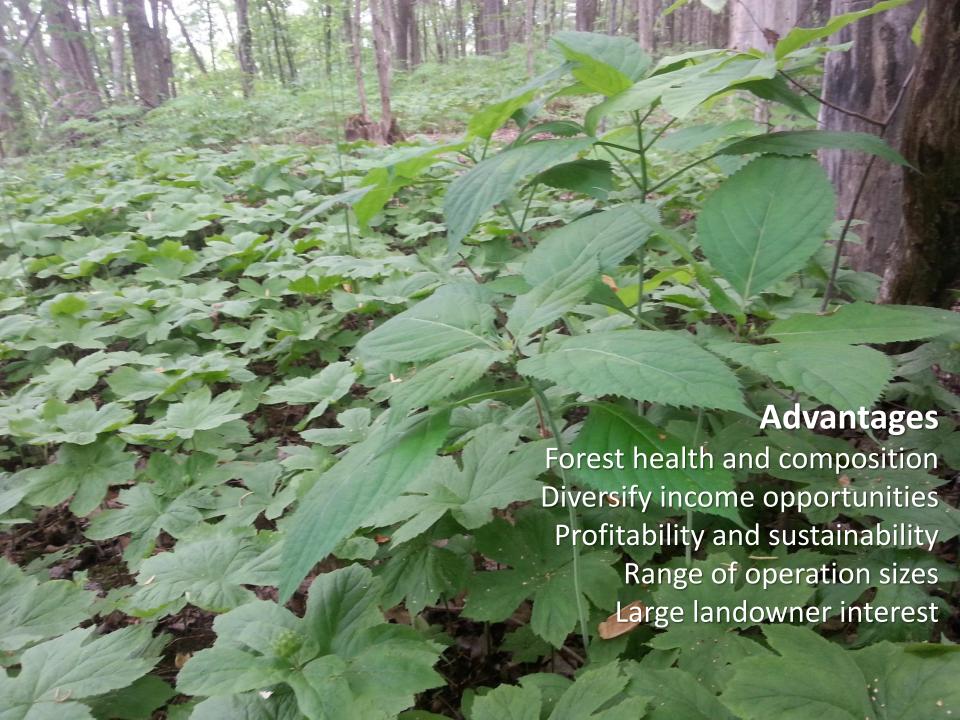


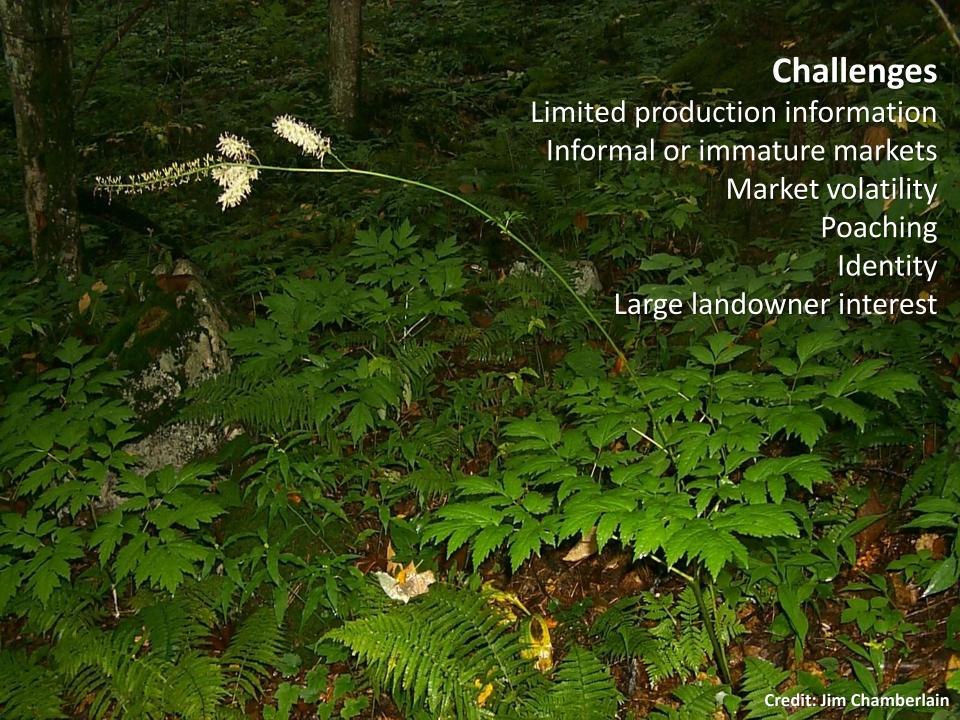














# Forest Farming Footnotes

SPRING 2013

#### **SOWING NEW IDEAS**

Dear Community Members,

Welcome to our spring newsletter! To continue improving communication and offering educational resources, we have added sections to the newsletter. Non-Timber Forest Products Tid Bits highlights common NTFPs. If you have any you would like to showcase, email us the information and we will

**ISSUE HIGHLIGHTS** 

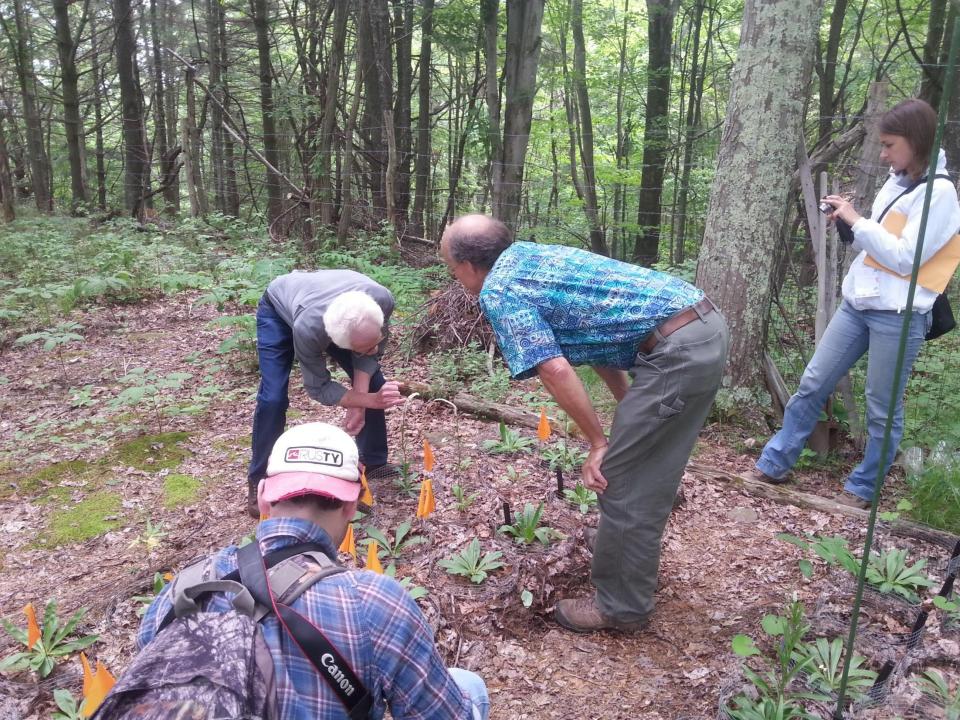
## **Pages**

Extension faculty and staff have published 46,704 pages: 15,925 articles, 14,629 faqs, and 13,324 news items to www.extension.org.

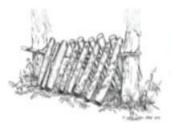
Last week 11,651 of those pages, the home page,

http://www.extension.org/forest\_farming





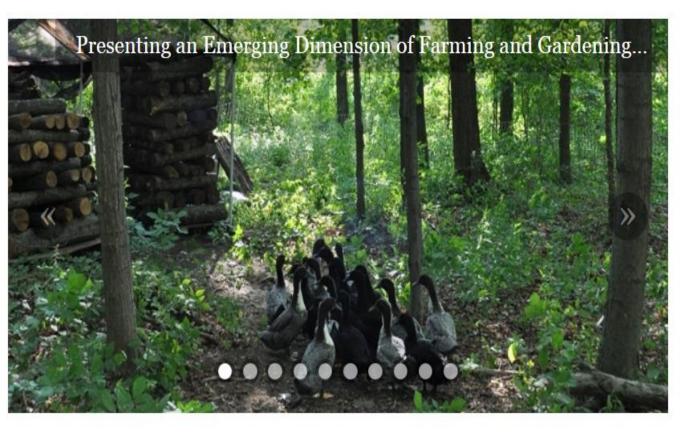




# FARMING THE WOODS

TEMPERATE FOREST FARMING & PERMACULTURE STRATEGIES

farmingthewoods.com



#### RECENT POSTS

 Shiitake: the ABCs of endless culinary delights

## Shiitake: the ABCs of endless culinary delights

July 11, 2013 · by steveflpci | 1 Comment

Greetings & Happy Summer from Upstate NY. Since our campaign ended in May (thanks again to all the supportive folks!) Ken and I have been

HOME

THE BOOK

AUTHORS

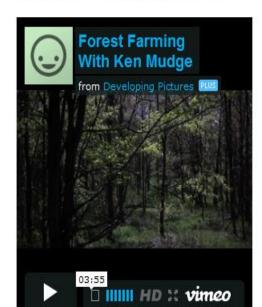
TABLE OF CONTENTS

**EXCERPTS** 

THE SURVEY

FOREST FARMER'S NETWORK

VIDEO: WHAT IS FOREST FARMING? WITH KEN MUDGE





### exforestfarming



Videos

Discussion

About

exforestfarming



#### Four Stages of Shiitake Mushroom Cultivation

179 views 1 month ago

Biologically, forest cultivation of mushrooms involves fungal decay of an organic substrate, usually wood. The substrate is the "food source" for the fungus that allows the fungus to grow and eventually produce mushrooms. The process consists of four stages:

- Substrate Acquisition
- 2. Substrate Inoculation
- 3. Substrate Colonization
- 4. Mushroom Production





Bypass Navigation | NC Herb Home | Enterprise & Crop Information | Organizations | Jeanine Davis and Staff | Follow me on Jeanine's Book List | NC Organic | NC Specialty Crops | Events Calendar | MHCR&EC Home | NCSU | NC Cooperative Extension



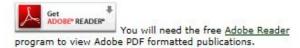


My name is Jeanine Davis and I am an associate professor in the Department of Horticultural Science at North Carolina State University. My research and extension programs are dedicated to the development of sustainable and organic production systems for herbs, vegetables, and a wide variety of specialty crops.

The purpose of this website is to provide access to up-to-date, practical information on the production and marketing of these crops and to

keep you informed about the current projects in my program. I encourage you to visit the other websites I maintain that are listed below. Also visit **NC Medicinal Herbs** which is a collaborative site with the University of NC-Chapel Hill.

Some of the current projects my staff and I are involved in include working on a regional Chinese medicinal herb production project in which we are overseeing the



New! The presentation on hops production given at the Hops Field Day in Raleigh, NC on July 14, 2012 (this is large and takes a little time to download)

New! Southeast Organic Training
Page

Link to <u>Survey on China Consumer</u>
<u>Demand for USA Grown Chinese</u>
<u>Medicinal Herbs by Galen University</u>
<u>Business Students</u>

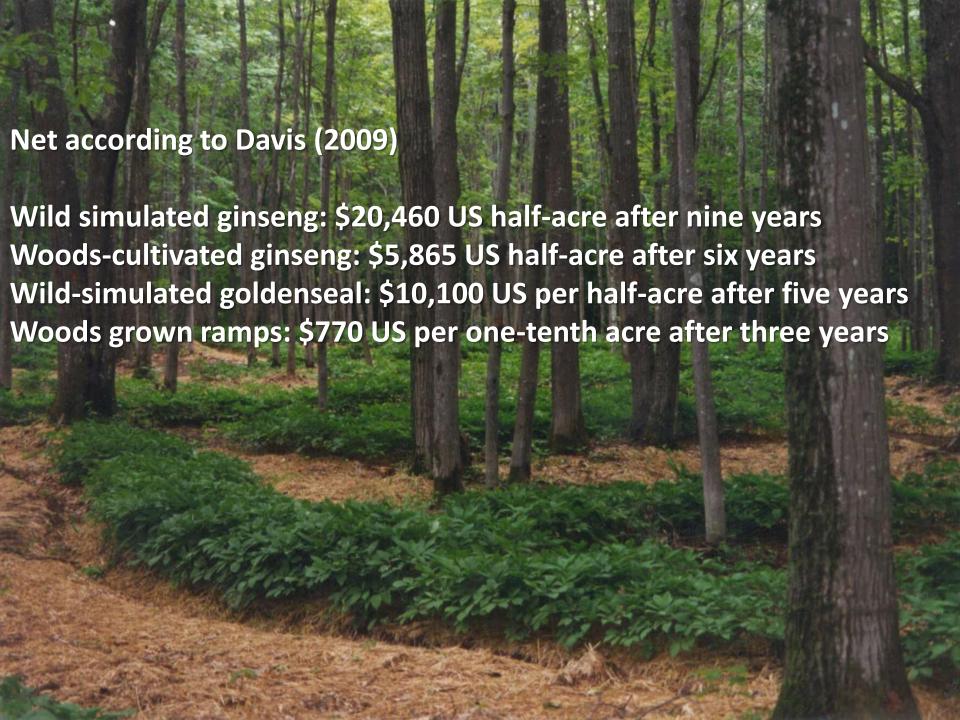
From the Western NC Forest Products Marketing Project:

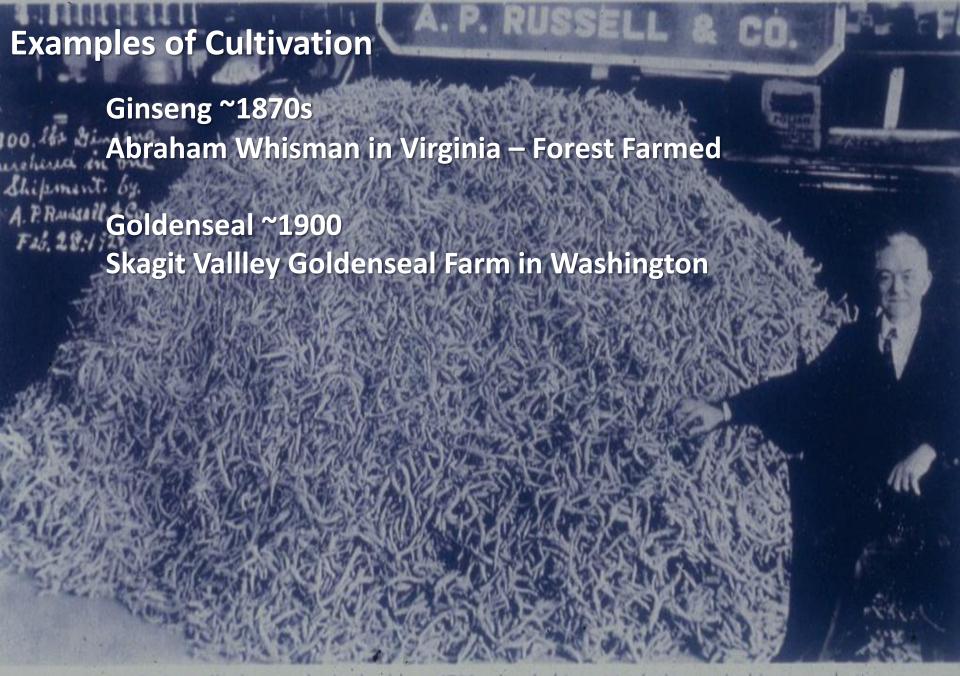
# National Agroforestry Center nac.unl.edu/index.htm

Resources

- **UM Center for Agroforestry** 
  - www.centerforagroforestry.org/pubs/index.asp#pubs
- **Institute for Culture and Ecology** 
  - http://www.ntfpinfo.us/
- Missouri Alternatives Center
  - http://agebb.missouri.edu/mac/links/index.htm
- **Association for Temperate Agroforestry** 
  - http://www.aftaweb.org
- National Sustainable Agriculture Information Service
  - http://attra.ncat.org/horticultural.html#Agroforestry
- **Non-Timber Forests Products** 
  - http://www.sfp.forprod.vt.edu/
- **Extension Forest Farming** 
  - http://www.extension.org/forest\_farming







Mr. A. P. Russell, deceased, sits beside a 1700-pound shipment of ginseng in his general store at Buckhannon. All the fabled roots were destined to China