

# The Billion Dollar Industry Coming to New Mexico



The US Hemp Industry is Growing 24% annually

**Doug Fine**

--New Mexico Goat Rancher

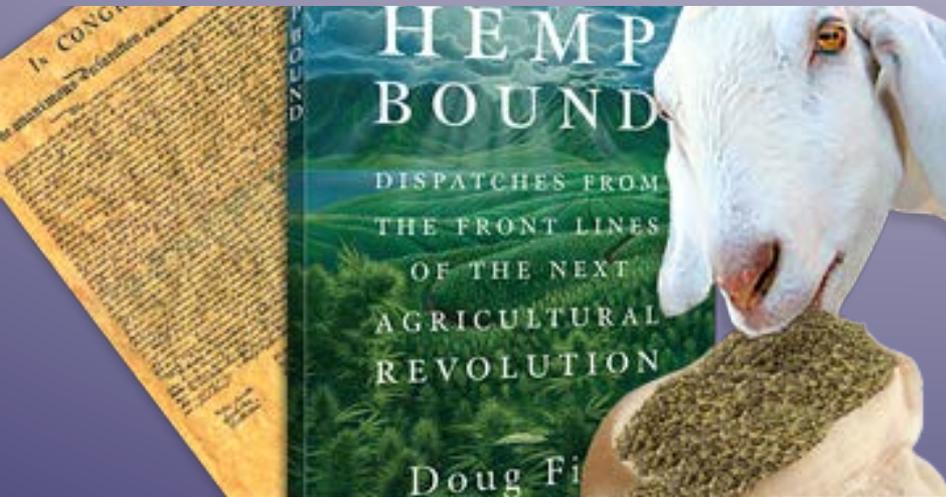
--Vermont Hemp Farmer

--Author, *Hemp Bound*

31 States Permit Hemp Cultivation Today

# Hemp is Back in U.S. Soil

2014 Farm Bill Marks Formal End to Cannabis Prohibition



After a bizarre 77-year break, the industry is blazing back even faster than expected



# Today in Vermont, Tomorrow in New Mexico

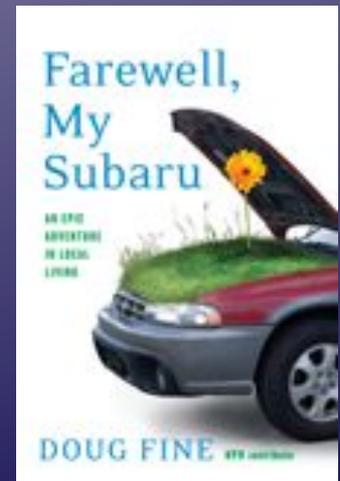


Hemp's Early Performance So Outstanding, There's No Stopping It Now

# Climate Change Not Hypothetical



Living the Cycle



# Twenty-Four Percent Growth From Year One to Year Two and Again in Year Three



Kentucky, Vermont and Colorado leading the way. Multi-state Growth in 2016 and again in '17



# The Legs of Tri-Cropping: Seed/Flower, Fiber and Energy

## Apps From One Harvest

The Up Side  
of  
Prohibition:  
We Know  
How To  
Birth This  
Industry



Yes, New Applications Are Coming Online Fast, But The Billion-Dollar Industry That Was Here When The U.S. Legalized Is Still A Biggie For Humanity's Survival Effort:

# Hemp Seed is a True Super Food



- Omega Balanced, Rare Amino and Mineral Content
- Safe Industrial binders, solvents, epoxies

# The Ad I Can't Wait To Make

“After the family eats some of it, our goats sleep on the rest...”



**Livestock Feed and Bedding From One Harvest**

# Flowers=Nutraceuticals



Itself a multibillion-dollar market niche inside of 10 years

# On to Fiber: Literally Rebuilding the Nation



Hurd and bast apps



# First Killer Hurd App? Construction

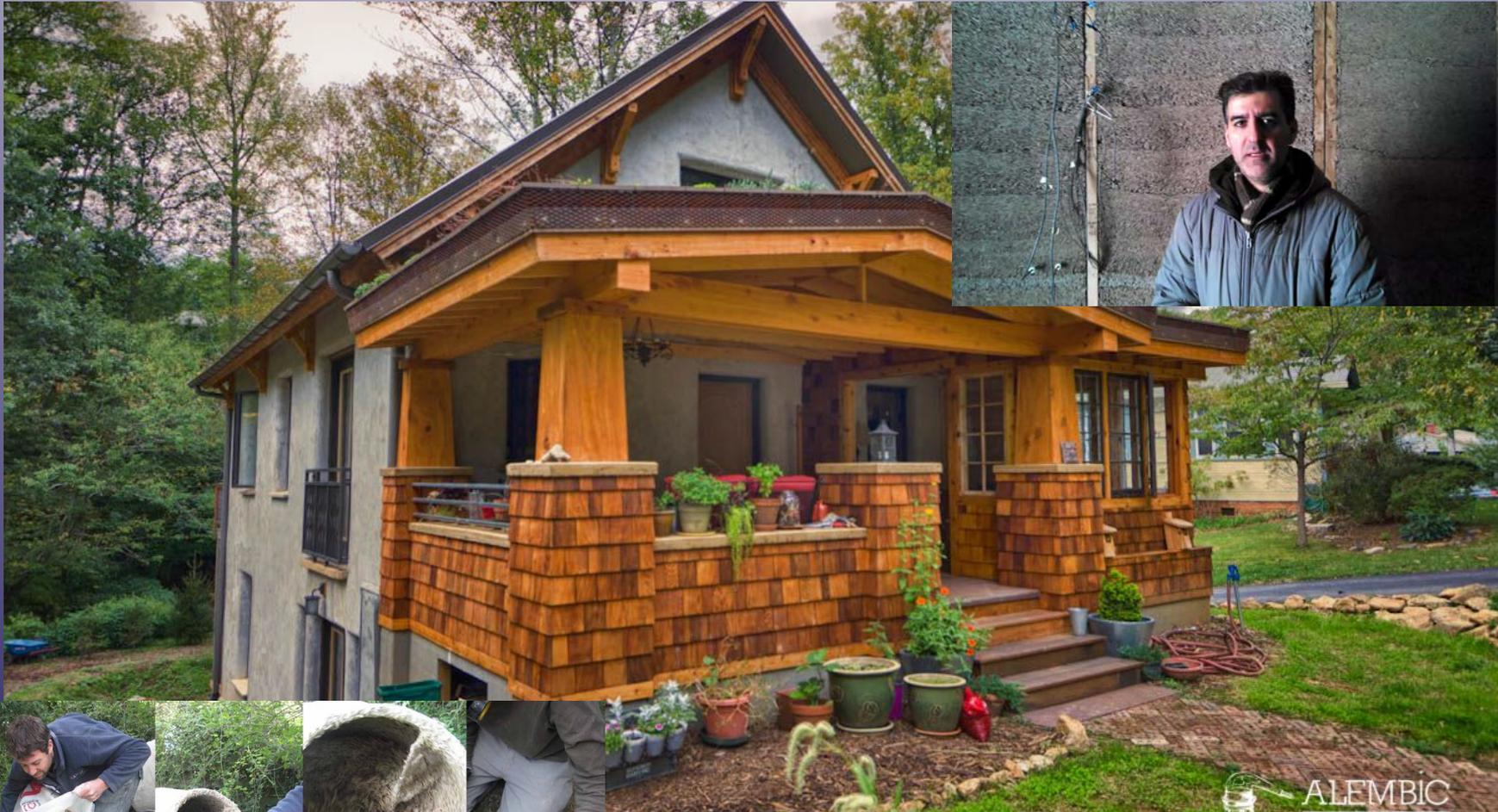


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Hemp  
architecture  
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**10% of World Carbon Emissions:  
Hempcrete Lasts and Eats Carbon**

# If I Can Build It...Anyone Can



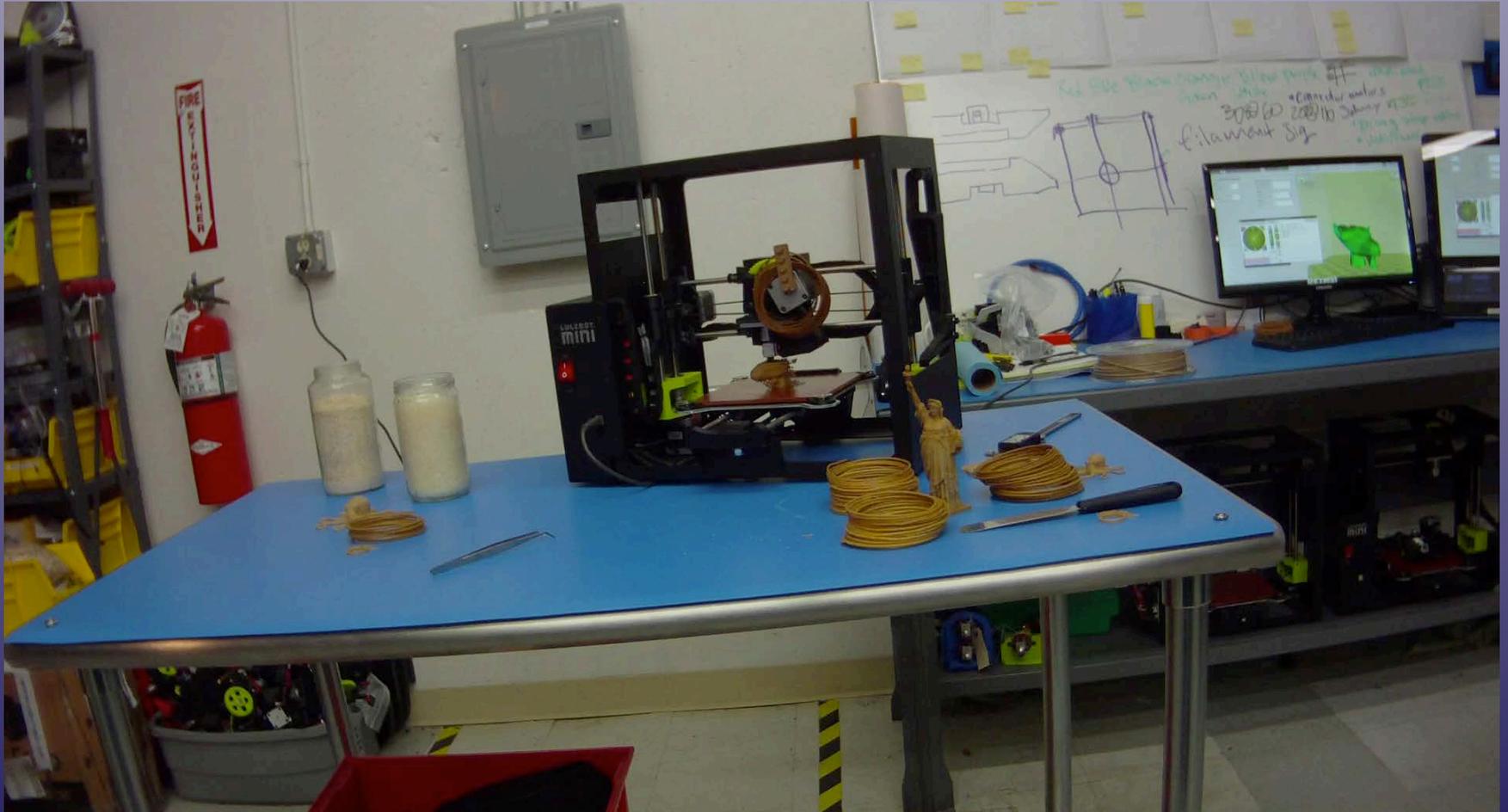
Hemp Adobe? Spray-on Bio-materials? Printable Homes?

# Petroleum Free, U.S.-Grown Plastic



-A Regenerative Industrial Pipeline Fed By Hemp and Other Bio-Fiber  
-Pacific Garbage Patch Needs to Go Away

# Clean Nano



- This Plant Allows An Open Source Mentality
- Don't Be Scared When Learning "How It's Made"

# From Indigenous to Nano, Thanks to Soil Microbes: From This Simple Fiber Come Tomorrow's Batteries

E  
N  
E  
R  
G  
Y



Battery maintenance day at the Funky Butte Ranch is as yet generally not one of my favorites.

# A Hemp Battery To Power Your Tesla

- Growing Domestic Energy
- We all have our rock stars



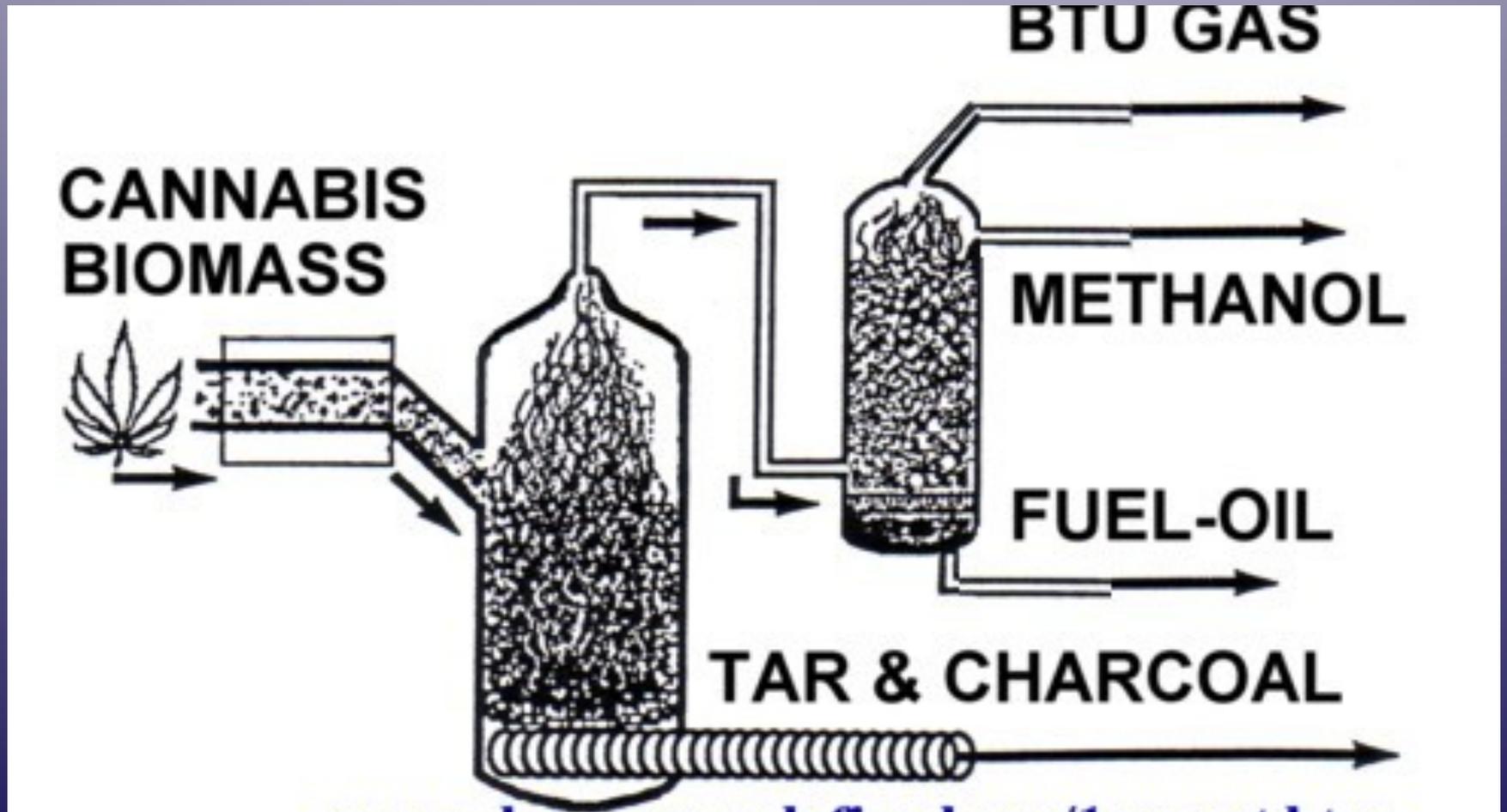
Graphene, Supercapacitors, Non-Toxic Nanotechnology

# The Energy Equation Works, But We Need Systemic Power Utility Restructuring



**-Blink-**

# Domestic Energy Independence



Gasification

# After Combustion



I Mean, Sure, My Limo Ride Is Always Hemp Powered...

# Personal R&D

A Woz Moment, a New Hemp App Per Month



Surgical Supplies, Toys and the Epoxies That Hold  
Them And Society Together, Literally



**“We have no choice but to move our entire industrial infrastructure to bio-materials.”  
Biologist Simon Potter, Composites Innovation Centre**

# But is There Domestic Hemp Supply Yet?



The Hard Part is Infrastructure Investment

# Um. Not Bad For First Legal Harvest



# Processing Already Underway



# Ready For Storage



Hemp is in only .5% of U.S. Homes

# North of 20,000 U.S. Acres in 2016



Be careful what you wish for: I got lost in this field

# When We Look Back On Why Hemp Is Took Off: Farmers Are Businesspeople



**Tobacco Transition in Kentucky**

# But Hemp Ain't Automatic



Lesson From Europe: The “Constant Pivot”

Gotta Want It



# Is Our State Helping Its Farmers?



# There Is No Falling Behind



Models I like:  
**Farm to Table Hemp**



**The Craft Brew Model: A Revitalized Old Way Of Doing Business**

Getting To the Promised Land

# Issue #1: Rebuilding a Lost Gene Pool



--Happening Faster Than Even I Thought Possible  
--Seed Available For New Mexico Farmers

# Issue #2: The Biggest Lesson of 2015 and '16 Hemp Seasons



**STOP WORRYING ABOUT THC.** Period. Across the Earth

# Reviving the Farm Economy

(One Percent of Americans Are Farmers Today)



- Half the Water Demand of Wheat
- Four Times Corn's Profits
- NM Farmers Need To Make a Real Living

# Big and Independent Hemp Agriculture Models



# This is a Neo-Rugged Individualist Feeling Fear



# A Word About Phyto-remediation



## Hemp at Fukushima

Question I'm Working On: what happens to the hemp after it cleans up?

# Auxiliary Apps, Branding and Economies



--Happy Bees (and Conscripted Beekeepers)

--The New Mexico Brand: Visualize “Red” and “Green” Hemp Products

# MORE GOOD NEWS: THE NEW ECONOMY IS FUN



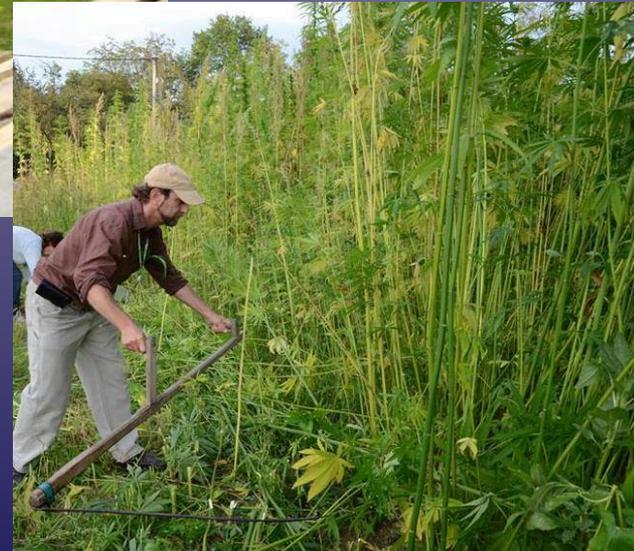
I don't know about you, but for me it's important to enjoy going to work.

# Interest in Hemp Tri-cropping From Ohio to Slovenia



U.S. Commercial  
Cultivation by  
2017?

Congress Needs to  
Move: S134/HR 525



# A Large Tent

In fact, The First Non-War Cross Platform Issue Of The Millennium



What can I do?

- Farmers
- Processors
- Investors
- Consumers

Call your  
Senators and  
Rep:  
Support S. 134  
& H.R.525



# Baptists For Hemp



# God-Fearing and Hemp-Friendly



Disparate Demographics Coming Together For the Healing of the Nation

# It All Comes Back to Home For Me: The Funky Butte Ranch



To Live in A Place That Allows Javelina and Laptops is A Kind of Magic

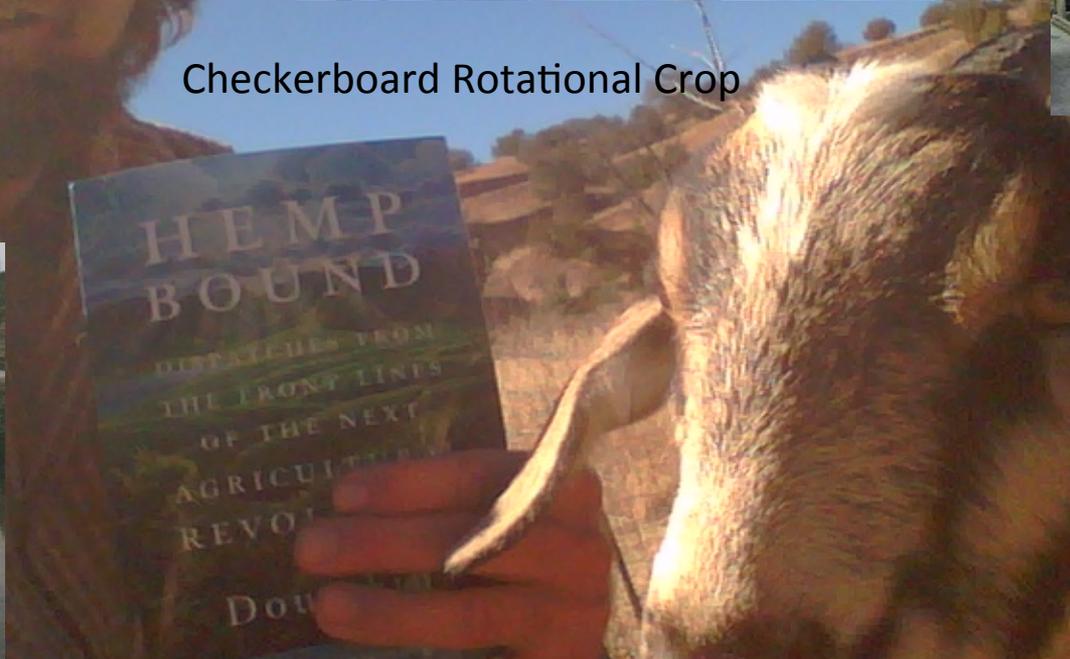
# Family Well-Being



(It's All About The Morning Shake)



Checkerboard Rotational Crop





# It's Really Is All About The Soil

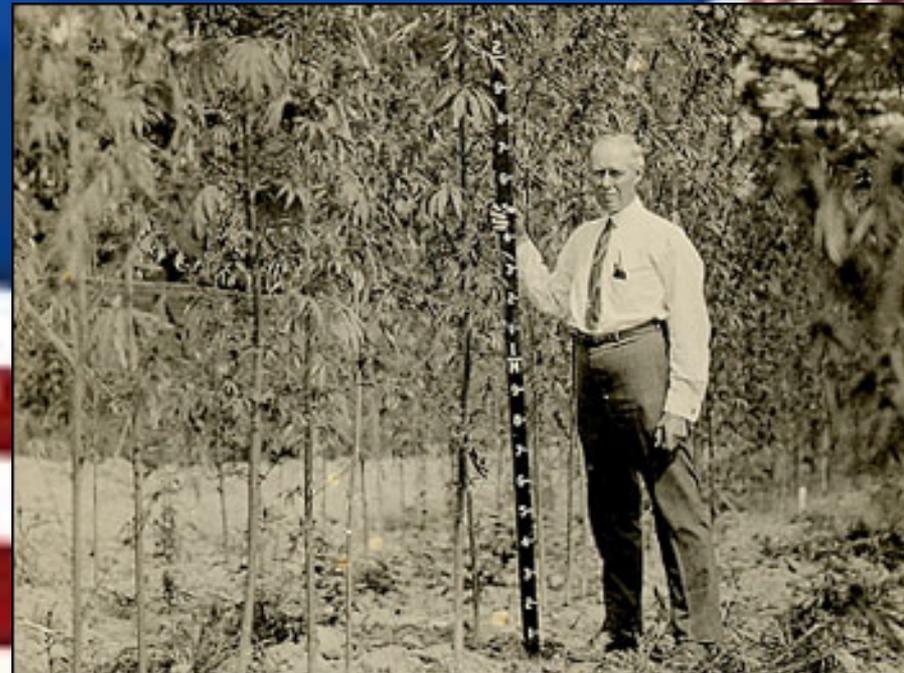
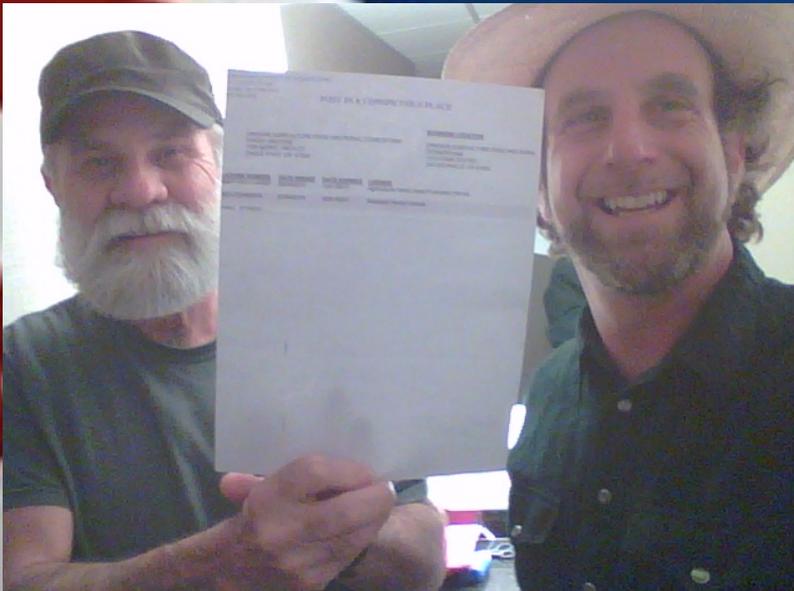


Climate Change Mitigation Through a Lucrative Crop

# Predictions Are Free

- *It's Not That Hemp Will Be Bigger Than Psychoactive Cannabis, It's That We'll Recognize It's All One Plant (The Post-THC Obsession Era Cometh)*
- *Local Food and Energy Revolution*
- *McHemp Sandwich*

## Hemp For Victory: A Patriotic Vision



# Everyone Can Win



Our key task as early modern players is to use the cannabis plant's coming Silicon Valley-like influence to ensure that next stage business models reflect regenerative values, from the soil through whatever becomes the next generation's word for "cooler boardroom"

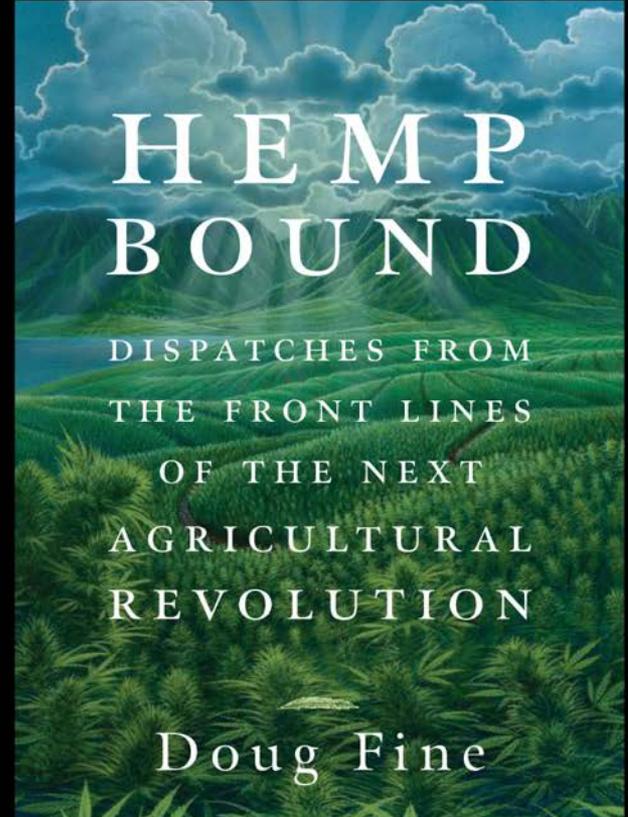
Doug Fine's ***Hemp Bound***  
Available 4/20/14

[www.dougfine.com/books/hemp-bound](http://www.dougfine.com/books/hemp-bound)



**Event Bookings:** [Dougfine.com/events](http://Dougfine.com/events)

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# Get Yer Hemp-Printed Literature Here

- 25%Hemp

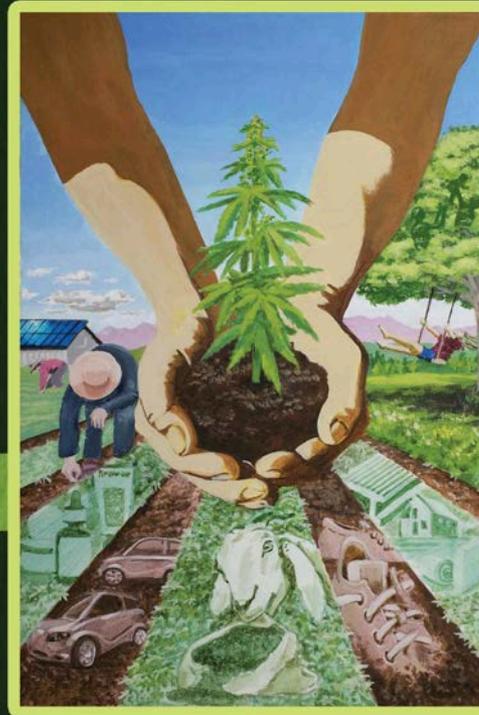
Join the Regenerative  
Stuff Revolution:

#TreeFreeAuthorPledge

Difficult to describe the  
bliss of holding  
tree-free paper that goes  
your own work

## FIRST LEGAL HARVEST

Hemp Returns to Humanity



**Doug Fine**

All Books Available  
Here Today, at  
Bookshops  
Everywhere,  
and at:

**DOUGFINE.COM**



# Thanks for Heading to HEMPTSY.COM

Artisan Products From the Soil



# Hemptsy

Buy and Sell

[Hemptsy.com](https://hemptsy.com)

The plan is to allow artisans of all kinds whose products come from Hemp and other bio-materials be able to make a living in the Digital Age.

**I'd Love to See Your Work Here**

# Off To Next Mission



I'm here to help guide the state where I raise my children to an economic surge. You can reach me at:

[fine@well.com](mailto:fine@well.com)

We're Almost At the Finish Line,  
And We're All In This Together