



HEMP

Updates for Farmers &
Entrepreneurs.

For informational purposes only

About Me

- Local Farmer/Entrepreneur from Loudoun County



Rotational Grazing





Tree Nurseries & Organic Veggies



I LOVE SOIL



Healthy Soil= Healthy Humans



Photo: Ridgedale Permaculture

Hemp Advocate



THE CANNABIS PLANT- “HEMP” (*cannabis sativa*)



Photo: Blue Forest Farm

THE CANNABIS PLANT- “HEMP” (*cannabis sativa*)



Photo: Blue Forest Farm

THE CANNABIS PLANT- “HEMP” (*cannabis sativa*)



Photo: Blue Forest Farm

The Cannabis Plant; “**MARIJUANA**” (*cannabis sativa*)



Photo: Pete Walton

The Cannabis Plant; “**Marijuana**” (*cannabis sativa*)

Photo: Pete Walton



The Cannabis Plant; “**Marijuana**” (*cannabis sativa*)

Photo: Pete Walton



What's the Difference ???

- **HEMP: Below 0.3% THC**
- **MARIJUANA: Above 0.3% THC**
- **(CBD) Cannabidiol: Non-Psychoactive**
- **(THC) Tetrahydrocannabinol: Psychoactive**
- Both highly medicinal, along with hundreds of other compounds found in the Cannabis plant.

HEMP (cannabis) USES

- FOOD
- MEDICINE *
- SOIL HEALTH*
- SHELTER*
- FIBER
- FUEL
- Plastic Replacement

MEDICINE

CBD Business in the US

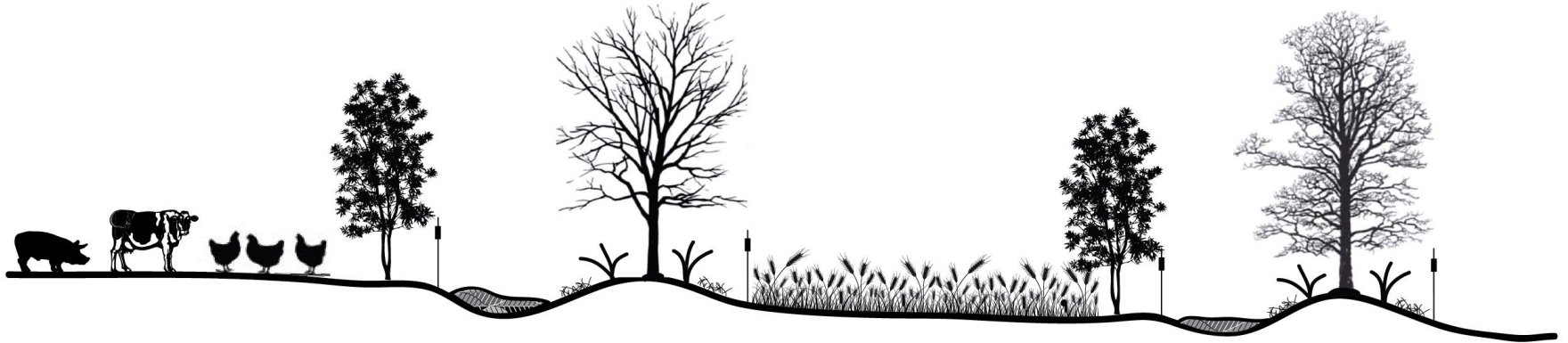
- 2020 Projected: \$1.15 Billion USD
- Some estimates project over \$3,000,000,000
- Hemp Market in General; Over \$20,000,000,000 projected

Soil Remediation

ALLEYCROPPING WITH HEMP



<http://blog.worldagroforestry.org/index.php/2016/06/11/agroforestry-is-a-win-win-for-developing-nations/>



Agroforestry Illustration Sketch
Prepared for Blue Ridge Development Center
By Alexander Darr October, 2014

This sketch is intended for illustration and
explanatory use only. This image is not to scale and
is not to be used for installation or design purposes



Thanks to Virginia Tech Agroforestry
US Fish & Wildlife Service
& Blue Ridge Development Center
for support & funding.

Biodiversity > Monoculture



Photo: Briceland Forest Farm

Multi-Level Production+ Companion Planting



Photo- Briceland Forest Farm



Photo: Briceland Forest Farm

Hemp Homes; Hemp + Lime + Water

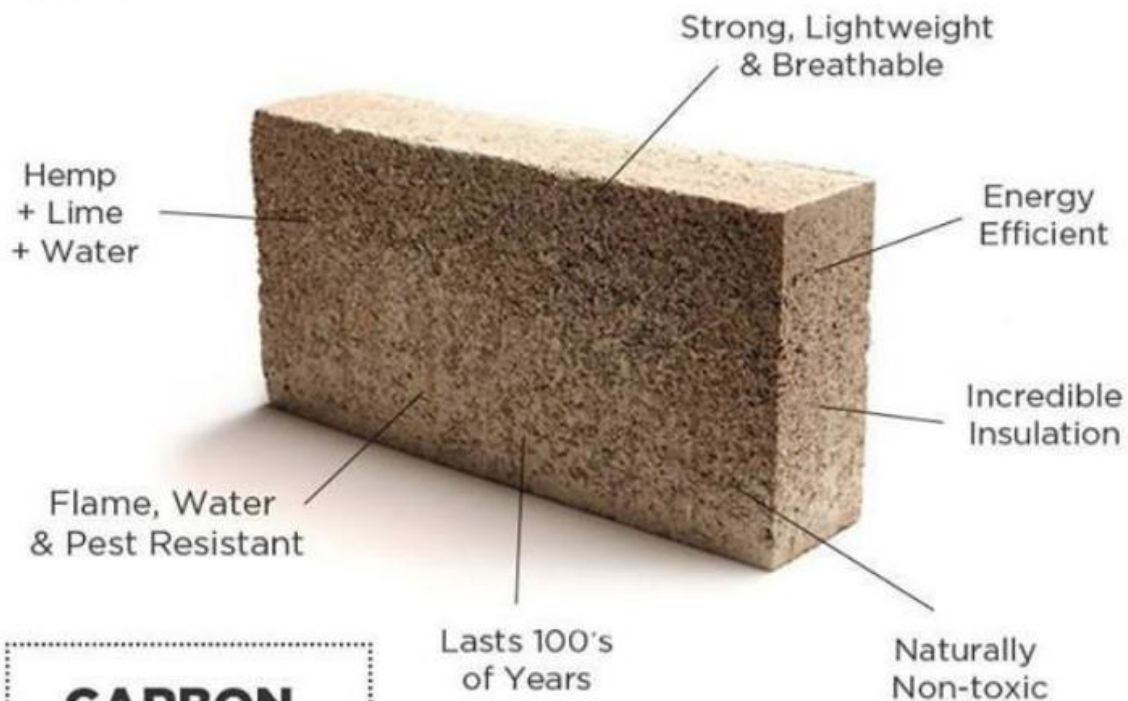


Photo: Hempitecture



Designed to build, not to smoke.

HEMPCRETE



**CARBON
NEGATIVE**

EDMED

[FB.COM/EDUCATIONNOTMEDICATION](https://www.facebook.com/educationnotmedication)

FARM BILL 2018- FEDERALLY LEGALIZED HEMP

- Now Legal* (kinda) to grow below 0.3% *Cannabis Sativa* strains.



Photo: Oregon CBD

*** Subject To State Regulations

- MARYLAND: Currently requires research partnership with an institution of higher education, currently.
 - Criminal Background Check.
 - Site cannot be within 1000 feet of a school
- VA; Commercial license available, FBI Background Check & Notification of Local Police Authorities
- **BE CAUTIOUS SOURCING SEEDS**
- **IMPROPER SEED SOURCING CAN RESULT IN CRIMINAL CHARGES**

Potential Opportunities For Farmers- Large & Small Scale

- Large Scale: Industrial Products such as bio-fuel, livestock bedding and insulation, food products, fabrics, textiles, and more. *
- Small Scale; High Grade CBD Medicine & Food Products**
- **SET STANDARDS FOR GROWING PRACTICES & BUSINESS ETHICS**
- **GET INVOLVED IN LOCAL/STATE POLICY!!! Make it easier for us all to grow hemp, with less regulation.**

My Personal Mission

- Hemp at Home- Empower people to grow their own medicine.
- Educate Farmers- How can hemp be integrated into your farm?
- Future Source of High Quality Plants/Seeds (Breeding for our Region's climate)
- Create Regional Processing Hubs

- **Set an ethical business standard and growing practice for Hemp in the mid-Atlantic.**
COOPERATIVE > COMPETITIVE
- **Put economic power in the hands of the local farmers.**