



03.16.2012 12:40

Vermiculture = Worms

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Worm Bin Benches & the Worm Pit

Compost Education Center, Victoria, BC



Compost Tea



Adding Bokashi to garden beds

TRUE TEMPER

Leaves for improving soil tilth



BioChar



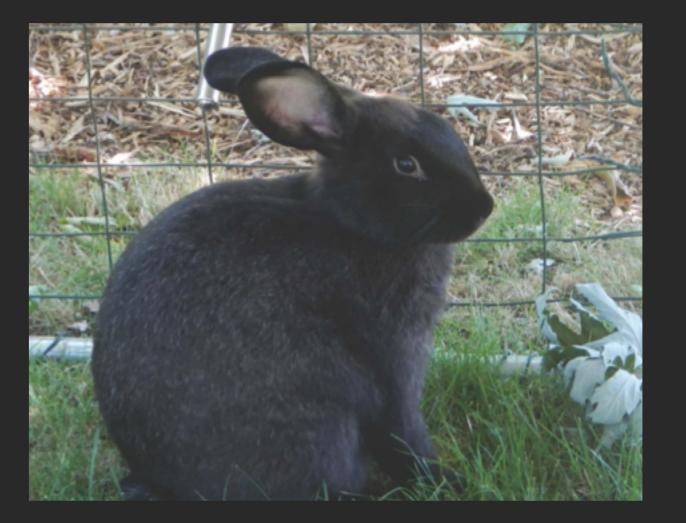


Rice Hulls

Photo Credit: Maya Mountain Research Farm, Toledo District, Belize

Animal Manures

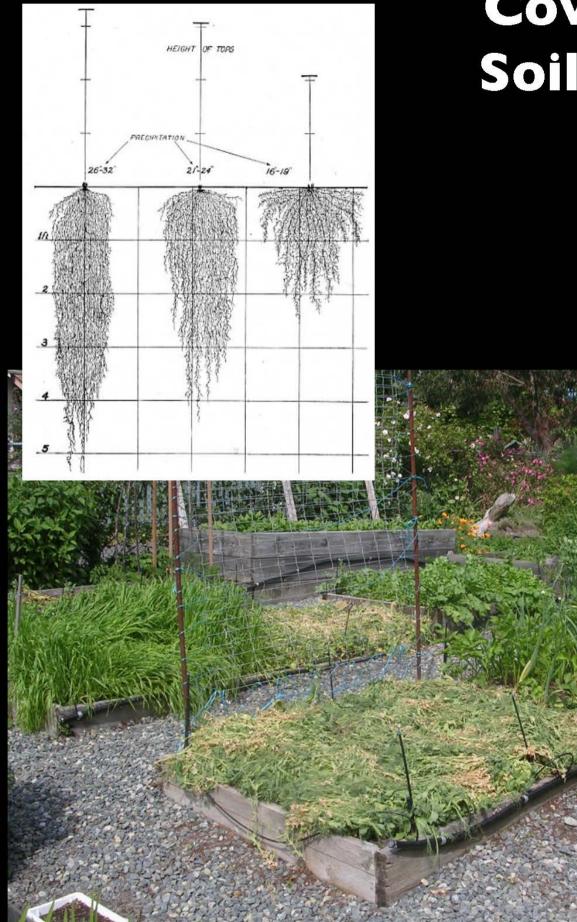
Manures are hot and full of nitrogen. Most manures will kill plants if applied directly to the garden.





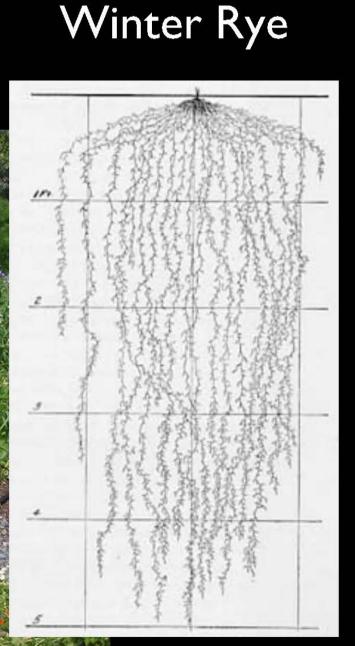


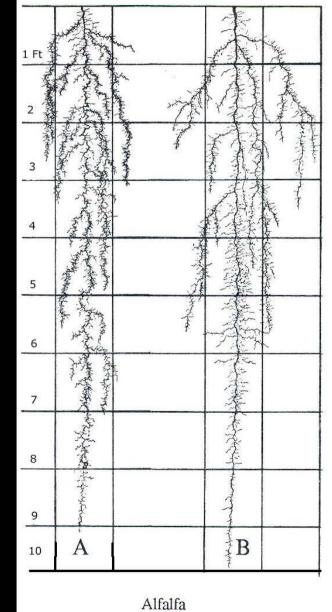
Winter Wheat



Cover Crops for Improving Soil Tilth & Green Manures

Alfalfa





Pictures Credit: Robert Kourik, Understanding Roots



Fava Beans: good cover crop for nitrogen fixation, good tilth, and tasty too!



Austrian Field Peas

Other Nitrogen Fixing Cover Crops: * Red Clover * Crimson Clover * Sweet Clover * Vetch

W. W. L. March 187



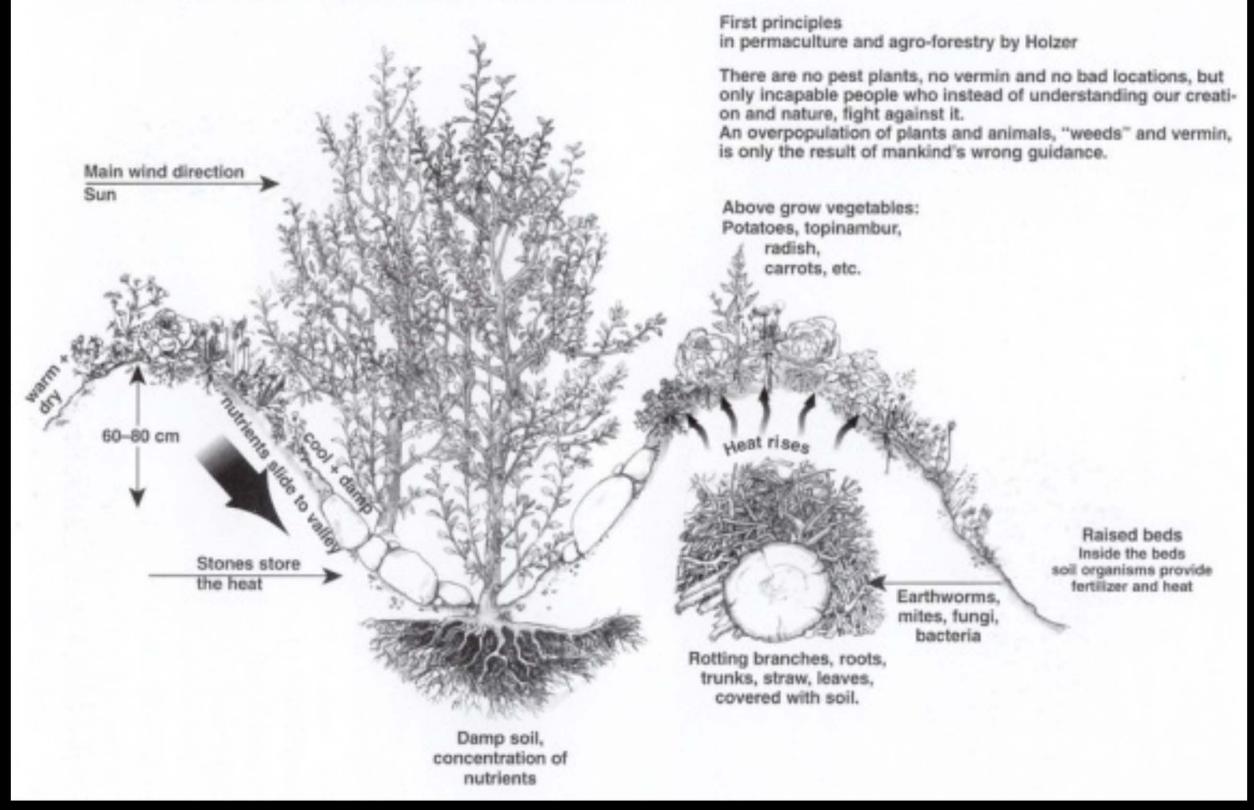


Dynamic Accumulators provide nutrients & mulch, fleshy stalks, lots of biomass



Hugelkultur

Holzer's methods of gardening and cultivation



Picture Credit: https://permaculturenews.org/2012/01/04/hugelkultur-composting-whole-trees-with-ease/



Mulch: Happiness is Bulk Materials

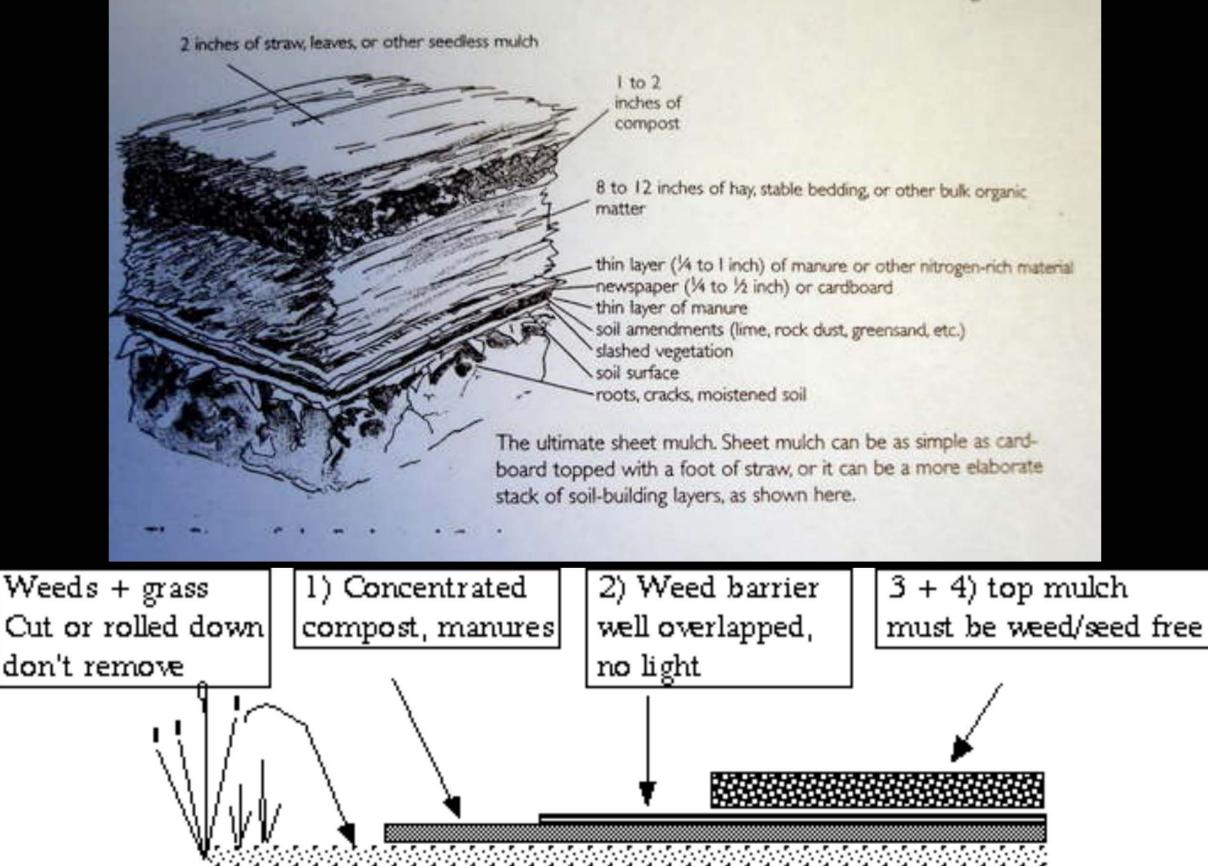








Sheet Mulch









Water Every Layer Ensure it is soaked



Two young trees, one grown with mycorrhizae, one without

> Mycorrhizae on plant roots

Mycology



In Your Garden:

~ Fungi convert nutrients into an available form for plants

~ Fungi enhances the water storage capacity

- ~ Mycelium repel saline water
- ~ Fungi counteract disease rot fungi





Oyster Mushrooms





King Stropharia Mushrooms





My Next Workshop: Tuesday, April 11: Cole Crops, Greens & Soil Building (part of the Grow Your Own Produce workshop series) People's Food Coop, Portland, OR

Next Plant Sale: Saturday, April 14, 11 am – 3 pm

Thank You! Marisha Auerbach <u>www.permaculturerising.com</u> <u>marisha.permaculturerising@gmail.com</u>