

First Time Gardening



Education Farm (permaculture)
Jefferson, Ohio

John Wright, Jr & Stephanie Blessing

Grow the world you want to live in!

Closed-loop * Self-sustaining * Chemical-free * \$\$-Free

www.redbeetrow.com



Why do we want to
garden?



What do we want to
grow?



Not all plants are equal

Beginner Plants

Tomatoes!

Beans

Kale

Squash, cucumber, melon, corn

Intermediate Plants

Eggplant

Onions

Beets

Broccoli, Cabbage

Advanced Plants

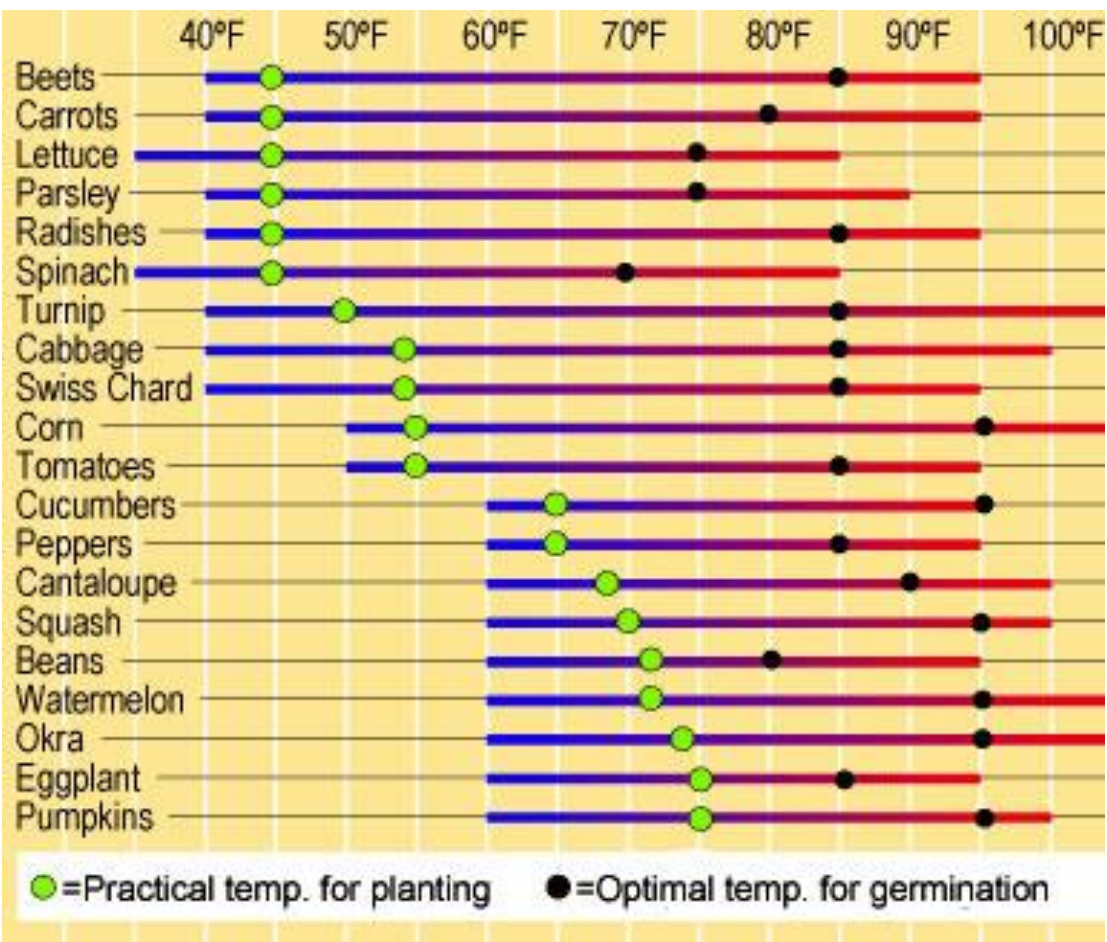
Fruit and nut trees, berry bushes



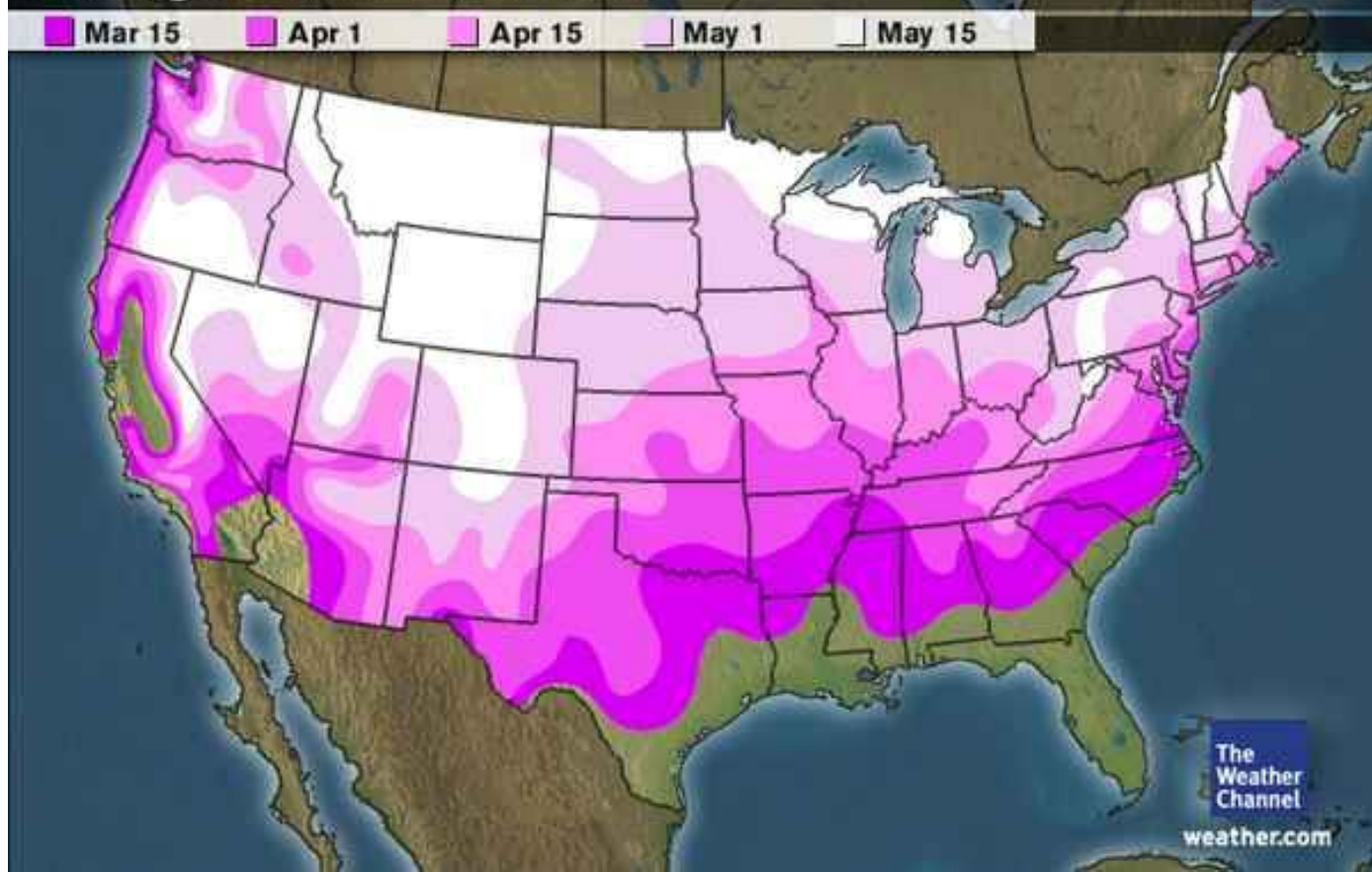
Starting Seeds:



High Mowing
Baker Creek
Seed Savers Exchange
Fedco
Johnny's, Territorial, Burpee,
Livingston
Seed Libraries!



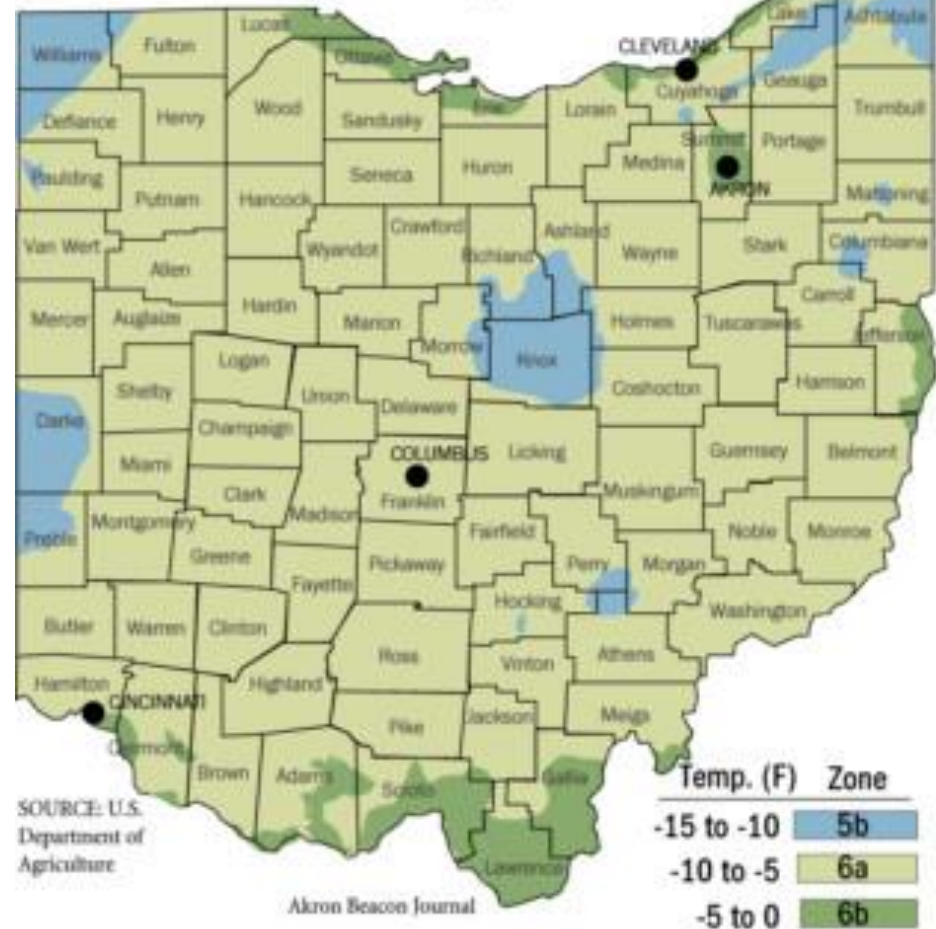
Average Date of Last Freeze



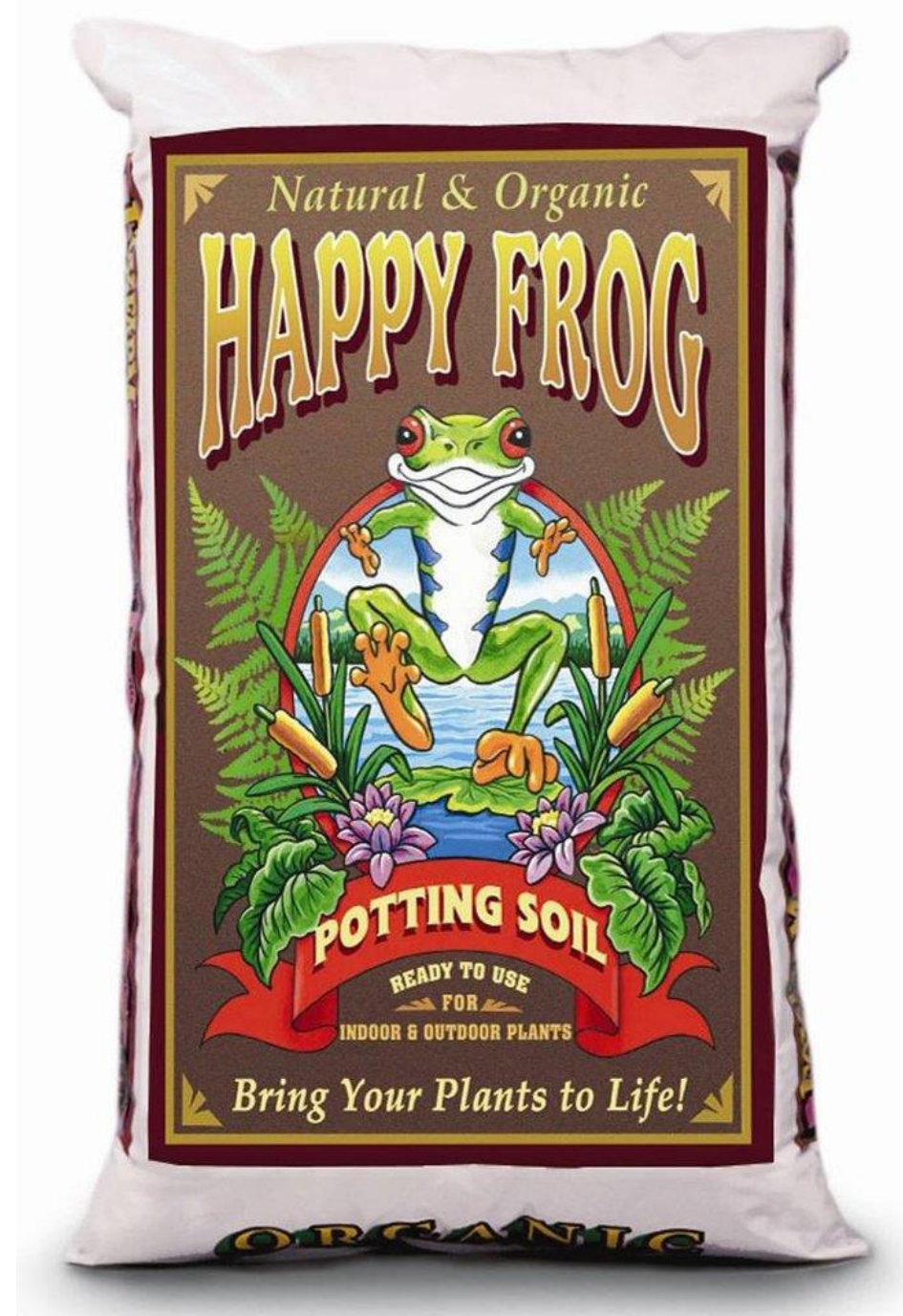
Temperature:

Plant hardiness zone map

Average annual extreme minimum temperature 1976-2005



Potting Soil and Pots:



Moisture:



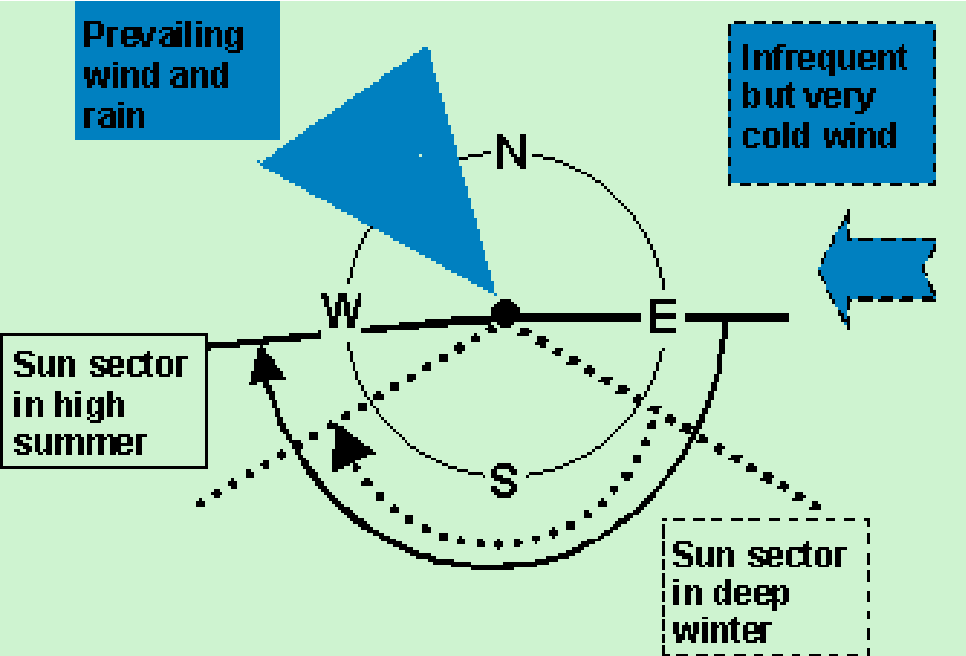
Hardening off:



Locating Garden Beds:



Microclimates:

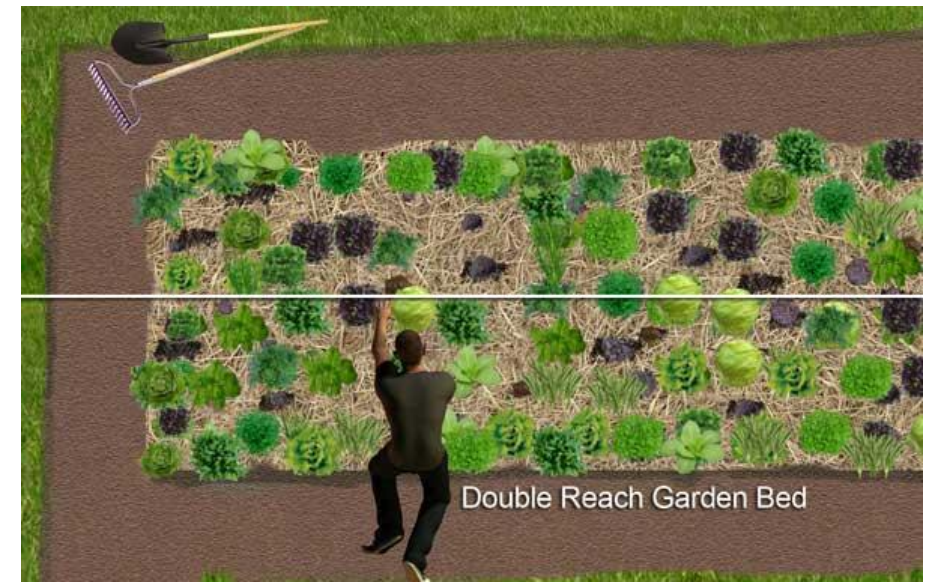


Water:



QUICK REFERENCE	
One Inch of Rain	
Roof Size (Sq. Ft.)	Gallons Collected (approx.)
1,000	550
1,100	605
1,200	660
1,500	825
1,700	935
2,000	1,100
2,500	1,375

Making Raised Beds:



Established in 1951, Brookside Laboratories prides itself in providing the highest quality Analytical Services in the world.



Raised beds:



Methods of Bed Prep: Easiest



SHEET MULCHING Lawn Removal Method

• Steps:

- ① Water existing lawn until soil is moist
- ② Put down a thick layer of cardboard (not waxed)
- ③ Add a thick layer of organic material > 12"
 - Compost, manure, soil, straw, wood chips
 - Must be weed/seed free
 - Moisten the layer to speed decomposition
 - Let the layers sit for 4 - 6 weeks before planting

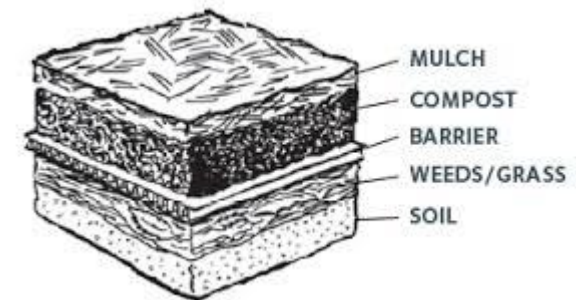
Nature's little roto-tiller!



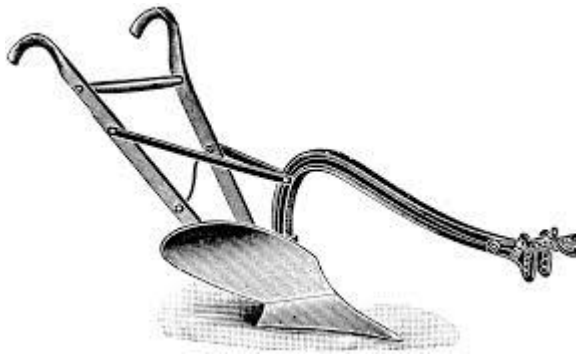
• What happens under the Mulch?

- Grass/weeds decay and become food for earthworms
- Weeds are too deep to germinate
- Clay soil will drain more rapidly due to increase in organic matter

23Jun2012, UCCE Master Gardeners for San Mateo/San Francisco Counties



Methods of Bed Prep



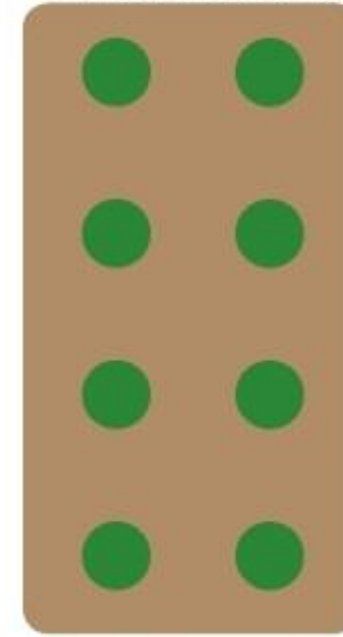
Methods of Bed Prep: Mounds



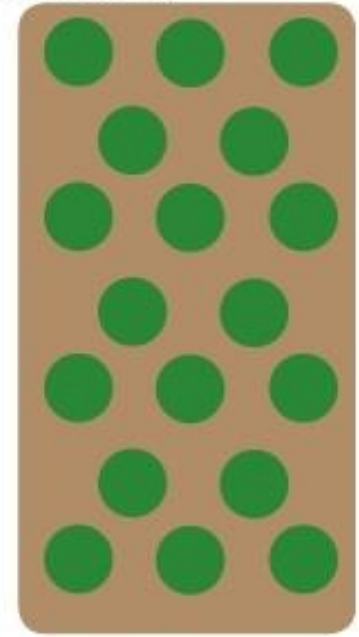
Spacing, Trellis and Mulch:



Maximize your growing space and food production by using Biointensive growing methods!



3 foot wide row with traditional planting.



Same 3 foot wide row with intensive/biointensive planting



How to plant into mulch



Unrealistic Expectations

- 1) Your garden will look like this →
- 2) You will be able to grow perfect vegetables – the ones you choose
- 3) You can remove every disease and pest problem in your garden
- 4) You can have a perfect, controlled, sterile environment.
- 5) Your produce will look perfect



Harvest and Storage:

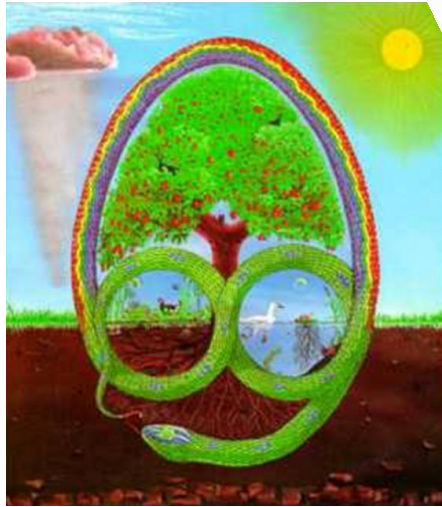




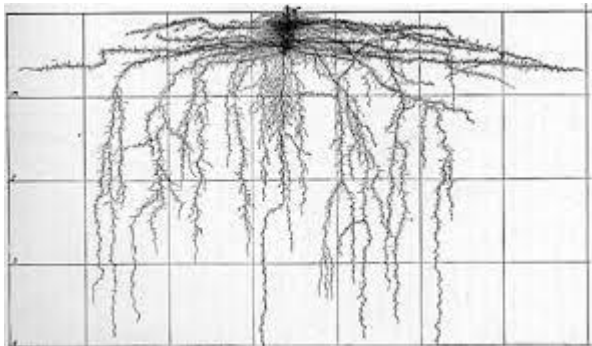
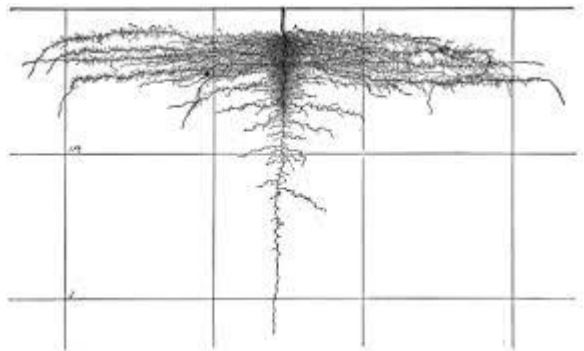
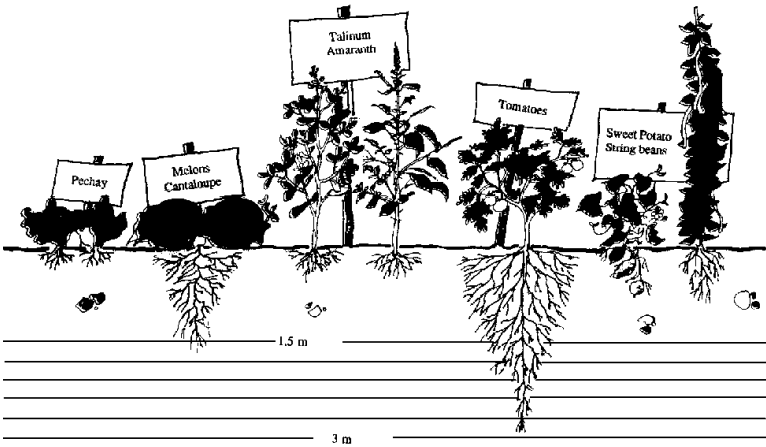
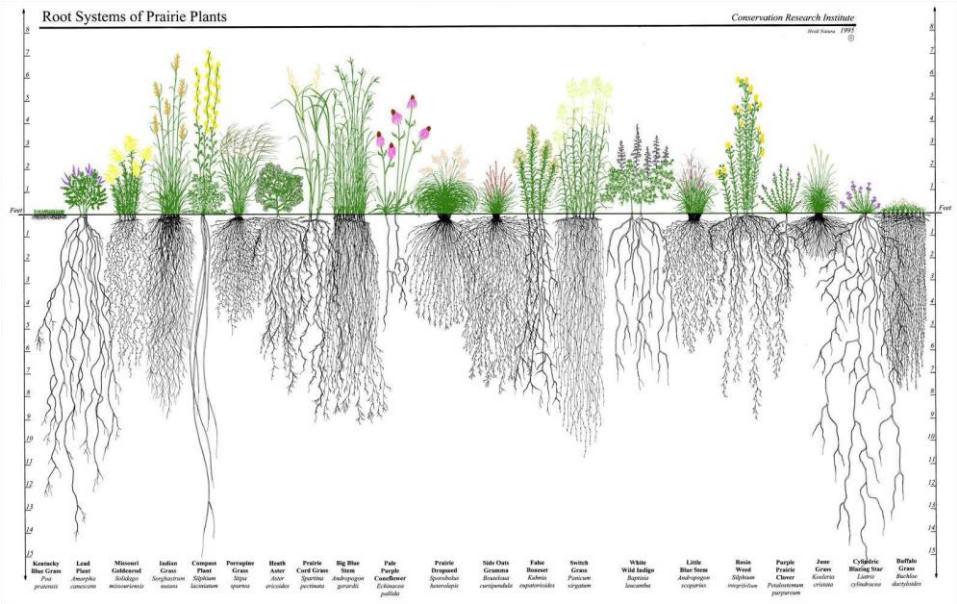
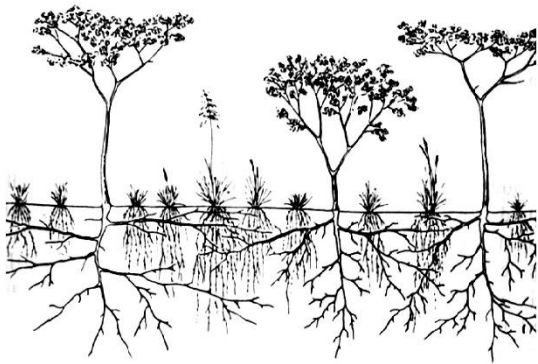
Seed Saving:



The Gardeners Philosophy:



Root Systems reach out



Questions?



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www.redbeetrow.com

-pdfs, how-tos

-classes

