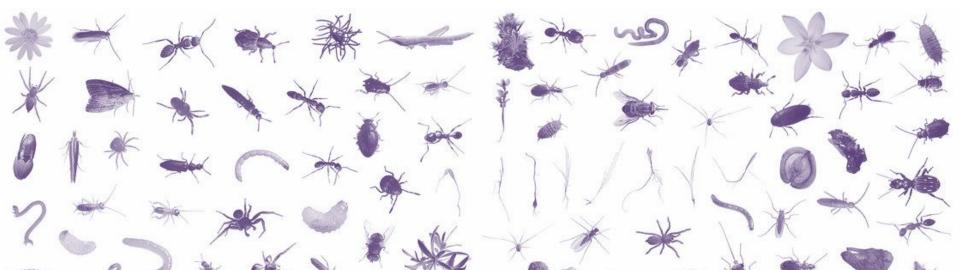


Planning the Garden: Biodiversity Principles







Most farms are mono-cultures
"mono" = one "culture" = plant







Water pollution







Worker health

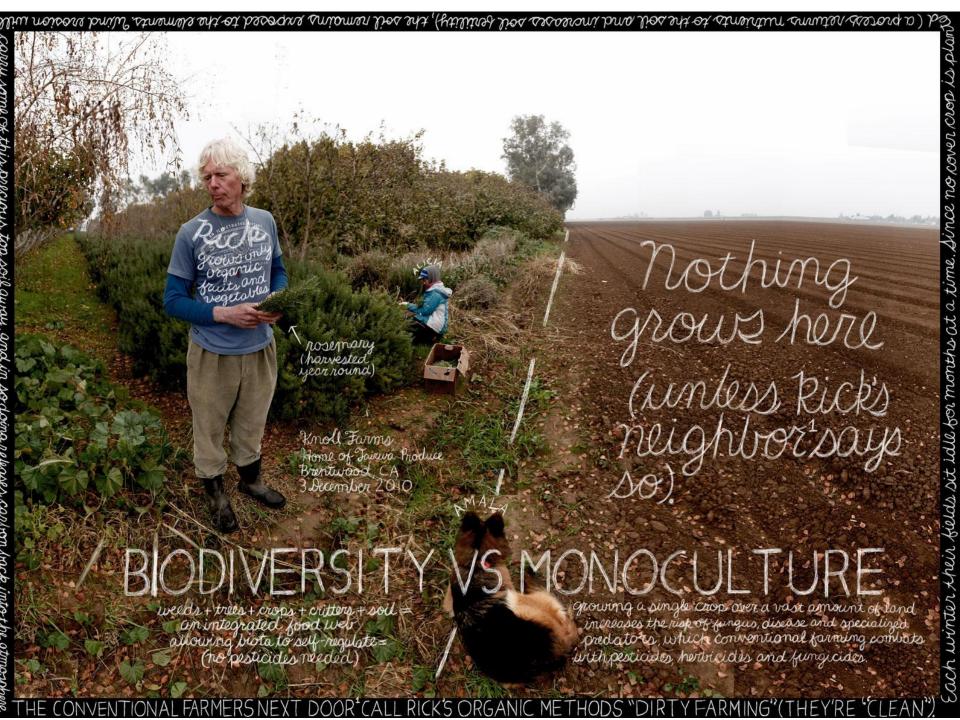






Declines in beneficial insects









Poly-culture

"agriculture using multiple crops in the same space, in imitation of the diversity of natural ecosystems, and avoiding large areas of single crops"

AN ECOSYSTEM IS DEFINED AS A GROUPING OF PLANTS, ANIMALS, AND OTHER ORGANISMS INTERACTING WITH EACH OTHER AND THEIR ENVIRONMENT IN SUCH A WAY AS TO PERPETUATE THE GROUPING MORE-OR-LESS INDEFINITELY





Planning the Garden: Biodiversity Principles





















Planning the Garden: Biodiversity Principles









Multiple functions of plants

- attracting beneficial insects,
- repelling pests,
- luring pests away from your desired harvest,
- suppressing weeds,
- attracting pollinators,
- building soil fertility.







What kinds of biodiversity are in the garden?

- Insect biodiversity
- Wildlife biodiversity
- Plant biodiversity
- Micro-organism biodiversity (in the soil)