

*No-Till gardening:  
Improve your soil &  
create new gardens  
easily*





## NO-TILL GARDENING?

Reducing tillage, the flipping and turning of soil, has a ton of scientifically sound evidence that eliminating or at least reducing frequency and depth of tillage improves soil structure and increases carbon capture in soils.





A close-up photograph of green grass blades, likely from a lawn, with numerous small, clear dew drops resting on their surfaces. The lighting is soft, highlighting the texture of the grass and the glistening of the water droplets. The background is slightly blurred, focusing attention on the foreground blades.

# LASAGNA LAYERS

To build nutritious soil without tilling is an emulation of how soil builds up in natural environments. We can add layers of organics that will break down with the help of the undisturbed and preserved soil biome that is under your lawn - that soil biome includes microbial life, fungal life, worms, and other digesters that can be encouraged and fed. They will expand upwards into your layering of mulch and compost, turning the area into healthy and nutritious soil.





The Layering system: from the bottom - up

**MULCH (BROWN MATTER: DECIDUOUS WOOD CHIPS  
COMPOST OR MANURE OR BOTH!**

**Cardboard**

**EXISTING GRASS OR GROUND COVER**



\*If you can't wait to plant, use pockets of topsoil for your seedlings, water the lasagna to keep it moist = speedy decomposition

**Want to learn more? Check out:**

**Regenerative Agriculture**

**"The key to regenerative agriculture is that it not only "does no harm" to the land but actually improves it, using technologies that regenerate and revitalize the soil and the environment. Regenerative agriculture leads to healthy soil, capable of producing high quality, nutrient dense food while simultaneously improving, rather than degrading land, and ultimately leading to productive farms and healthy communities and economies. It is a dynamic and holistic, incorporating permaculture and organic farming practices, including conservation tillage, cover crops, crop rotation, composting, mobile animal shelters and pasture cropping, to increase food production, farmers' income and especially, topsoil."**