

Compost Delivers

# 5 Important Benefits to Land Planted to Vinifera or Fruit/Nut-Bearing Trees.

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- 1 Compost strengthens soil structure.**  
When soil becomes compacted, root growth is retarded and vines and trees suffer. Compost reduces compaction, which improves the flow of O<sub>2</sub> and CO<sub>2</sub>. Compost builds top-soil, increases soil fertility and over time makes any type of soil easier to work.
- 2 Compost boosts the water-holding capacity of soil.**  
Compost can hold six times its weight in water and improves the water-holding capacity of soil by enhancing porosity and ensuring pore continuity. Those realities reduce the need for and cost of irrigation.

### 3 Compost more than pays for itself by boosting yields.

One example: A three-year study conducted by California-based Vineyard Investigations at Mondavi Vineyards concluded that blocks of vinifera nourished by compost-supplemented soil out-produced non-supplemented blocks by 0.9 tons per acre. The cost of compost per acre: \$24. The per-acre value of the increased yield: \$1,350.



### 4 Compost boosts beneficial biological activity in soil.

The increased porosity provided by compost leads to increased biological activity beneficial to fungi and bacteria, which through the action of their enzymes, are the leading decomposers of organic matter in soil.

### 5 The benefits of compost are long-lasting.

Compost binds with soil and releases its replenishing nutrients over a multi-year period to bolster land worn-down by intense agricultural practices or depleted by water leaching/run-off.

## Other Indulgences For Your Soil!

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*In addition to 3/8" Screened, St. Louis Composting offers a full menu of composts and compost-soil blends.*

- Compost Blend – 50% yard trimmings; 50% cow manure
- Composted Cow Manure
- Leaf Mulch
- Topsoil – excavated from river bottoms
- Topsoil Plus
- Garden Mix
- SLC Mix

**Problem soil?** Send us a recent soils test report and we'll work with you to develop a custom blend designed to replenish the agricultural vigor of your soil!

