

Sheet Mulching for Sustainable Soil

The Edible Peace Patch Project

- 1) **Mulch** –2/3 of the container, this provides the soil with good tilth, drainage, and decomposes into rich organic soil,
- 2) **Soil Builder**- 1 inch layer, high carbon, sterile, collected from local brush sites and the sanitation department in St. Petersburg. Brings all amendments together.
- 3) **Vegetable Pulp** – adds moisture, nitrogen, and fiber. Combines with carbon amendments to create a balanced pH.
- 4) **Soil Builder**- 1 inch
- 5) **Compost**- inoculates soil with fungi, bacteria, probiotics, and invertebrates. Balances soil pH and gives nitrogen to soil. The best amendment you can give to a garden.
- 6) **Coffee Grounds**- Add about 5gal per 50sq feet- adds nitrogen to soil.
- 7) **Saw Dust**- creates soil porosity, helps with drainage, adds pure carbon.
- 8) **Ash**- from firewood, no bigger than ¼ inch pieces. Adds minerals, including potassium, magnesium, phosphorus, and other trace-minerals. Aids in boosting plant's immune systems. Do not use pressure treated saw dust.
- 9) **Soil Builder**- About .5 inch.
- 10) **Sea Grass**- at least 6 to 12 inches. Adds sea minerals, holds in moisture, smoothers weeds and has plant hormones that stimulate growth