



USDA NOP Statement

A legal statement made to the USDA Licensed Certifier's for Organic Certified Growers.

TTP Supreme Compost & SUPRAPLEX[®]

(old names for SUPRAPLEX: TTP Supreme Compost Broth, Compost Juice)

Ingredients: are all farm grown vegetable products produced by Soil Secrets for the objective of making this compost. All crops are grown using a fertilizer/Humic Acid/Mycorrhizal inoculation of products that are manufactured by Soil Secrets and which meet the benchmark of the USDA NOP. **Never is any animal manure used to make this product!** Products are selected to provide the ideal carbon to nitrogen ratios that will instigate and maintain an active thermophilic composting reaction for the entire period of composting, with no additional inputs. The initial recipe includes a previous batch of **TTP Supreme Compost** as a mother tincture of microbiology. Inputs include in order of volume from greatest to least - chopped corn silage = 60%, sorghum = 20%, mother compost = 15%, and bean gluten protein (for nitrogen) = 5%. All crops are free of any GMO genetics!

Protocol

1. Ingredients are mixed into a ribbonmill and blended together.
2. Ingredients are dumped into a specialized in-vessel container
3. Container is positioned inside a large enclosed building
4. Temperature probes are placed in sample containers
5. Temperatures rise within 5 hours up to 150 degrees F. and to 160 F. degrees within 24 hours. We intentionally maintain the 160 degrees in order to inhibit any *Aspergillus flavus* and aflatoxin contamination.
6. Temperatures are monitored daily by staff, but logs are not kept as the temperatures will maintain at 160 degrees F. for not less than 15 days, at which time we automatically remix the contents regardless of the temperatures. Remixing is done in the ribbonmill to incorporate oxygen back into the core of the container.
7. During the second round the temperatures will maintain between 150 and 160 degrees for about 10 days, at which time we remix again and this time we add water to replace

water lost from evaporation. At the end of this second period the mix as been in excess of 150 degrees F. for 25 days.

8. On day 25 product is remixed in ribbonmill for the last time and put back into the in-vessel containers and allowed to cool down to room temperatures, which takes about 10 days.
9. Product is screened three times in a trommel screen drum at minus ¼” particle size
10. Screened product is tested at BBC labs for maturity, stability and carbon to nitrogen ratio. Product is also tested at A & L for all nutrient and Humic Acids and tested at Western labs for soil pathogens. There are no detectible soil pathogens found in this product! All tests are available upon request.

SUPRAPLEX® An Organic Compost Broth

Unlike a Compost Tea, the objective of this product is to have a high concentration ‘**Organic Colloidal Liquid**’ that can be injected with typical drip irrigation equipment, or sprayed onto foliage using orchard sprayers. The product is not advertised or promoted in any way as a microbial inoculant and a full soil disease report is available that consistently shows zero detectible levels of the targeted pathogens. Product is made from our TTP Supreme Compost with the only added ingredient being water. All nutrients found in analysis by A & L labs are indigenous to the compost as nothing else is added.

1. Mixing and solvation is done with a specialized machine designed for this objective.
2. Mixing and solvation of the compost is done with water only, combined with the machines peristaltic action. It’s a mixer, grinder, blender type action! The machine mixes 300 gallons per batch. Water used is derived from our deep wells and contains no added disinfectants such as bleach or chlorine.
3. Ratio of compost to water is a 1 to 1 mix, therefore 1 gallon of Broth contains 1 pound of compost.
4. Since the TTP Supreme Compost contains zero animal manure and is made in-vessel and not in windrows, there is little chance of soil particles or soil pathogens making their way into this finished broth.

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