



STONEPILE SELECT COMPOST INFORMATION SHEET

Stonepile Select Compost is the Class A Biosolids that is obtained from the Gillette WWTF and is the stabilized sewage sludge solids from the wastewater treatment process. The Biosolids were treated by anaerobic digestion followed by drying in the sludge drying beds and a composting process to reduce the population of pathogenic organisms. The Compost was then tested and found to meet the limitations specified for Class A Biosolids in the federal regulations for sewage sludge (40CFR503) as required by the U.S. EPA Region VIII.

Instructions for use

Stonepile Select Compost is an organic soil conditioner similar to manure and other organic fertilizers. This compost should be applied by mixing with the topsoil. In addition, it should be stored and handled using the same precautions as used for other organic fertilizers.

Typical analyses of the Biosolids content follows.

| Element | Quantity |
|------------------------|-------------------|
| AMMONIA – NITROGEN | 0.01 - 0.30 % |
| NITRATE –NITROGEN | 200 - 700 mg/kg |
| TOTAL ORGANIC NITROGEN | 0.75 - 3.00 % |
| | |
| PHOSPHORUS | 0.10 - 2.00 % |
| POTASSIUM | 0.05 - 0.30 % |
| ARSENIC | 0.5 -6.0 mg/kg |
| CADMIUM | 1 - 5 mg/kg |
| CHROMIUM | 20 - 30 mg/kg |
| COPPER | 50 - 250 mg/kg |
| LEAD | 50 - 130 mg/kg |
| MERCURY | 0.10 - 2.50 mg/kg |
| MOLYBDENUM | 2 - 10 mg/kg |
| NICKEL | 20 - 50 mg/kg |
| SELENIUM | 2 - 15 mg/kg |
| ZINC | 100 - 500 mg/kg |