

# Soil Booster Plus



**Murray Cheesman**

**306-648-7309**

**[murray.cheesman@grosupplements.ca](mailto:murray.cheesman@grosupplements.ca)**

**[www.grosupplements.ca](http://www.grosupplements.ca)**

- Many of our communities are discouraging the use of chemical fertilizers on lawns and gardens as the residue is showing up in water supplies. Larger cities have banned the use of chemical fertilizers. The result is a growing challenge to residents on how do we maintain nice green lawns and grow healthy nutritional produce in our gardens. At Grassroots Organic Dirt Supplements, we believe the answer is actively working towards improving the health of our soils and replacing or adding trace minerals that have been used and removed from our soil.

- Plants, grass or garden, cannot make minerals. They can only use what is in the soil. When we cut the grass and bag the clippings we are taking the minerals the grass has taken up. Using commercial fertilizers, we replace three or four of these minerals depending on the blend, but any trace minerals that were in the soil and used by the grass are gone. The same is true for our gardens. Our fruits and vegetables can only use the minerals available in our soil. When we remove the growth, we are removing the minerals the plants have used.

- The secret to green grass in our lawns and nice sized nutritious produce in our gardens is really no secret. The answer is soil health. Soil health is caused by the activity of microorganisms in the soil. To check on the health of your soil simply make a hole about six inches square and six inches deep. If you can't get the shovel to go in you have an issue. If your shovel will go in you should find a number of earth worms in your soil sample. Soil Booster Plus is a product designed to address the issues of soil health and trace minerals.

- Part of Soil Booster Plus is a Bio Tech product from Switzerland. It is used in agriculture world wide. This component addresses many soil issues farmers face by accelerating microbial activity and soil quality. It also increases mineral availability to plants as well as helping with soil compaction. It helps to suppress harmful fungi and promote beneficial fungi found in soil. The good news is it will do the same in your lawn and garden. The second component in Soil Booster Plus is a natural source of minerals.

- As we do not test every package every bottle for mineral content, we cannot claim every bottle contains all of the minerals in the exact amounts that the following slide shows. The slide is a copy of the mineral analysis taken from a sample from the mine we get our material from. As you will see the sample contained over seventy trace minerals. Not every plant needs all minerals but every plant needs some minerals for healthy development. Soil Booster Plus supplies a source of trace minerals and a component that allows the plants to better utilize these minerals.

# MESA VERDE RESOURCES

## HUMATE TRACE MINERAL CONTENT

### Trace Minerals (ppm)

Aluminum 10 Chlorine 8.0 Hafnium 0.9 Molybdenum 0.9 Rubidium 4.0 Terbium 1.0

Antimony 0.3 Chromium 0.3 Holmium 0.5 Neodymium 10 Ruthenium 0.5 Thallium 5.0

Arsenic 0.8 Cobalt 0.9 Indium 0.5 Nickel 2.0 Samarium 0.9 Thorium 5.0

Barium 0.5 Copper 4.0 Iodine 0.1 Niobium 1.0 Scandium 0.9 Thulium 0.5

Beryllium 0.1 Dysprosium 0.9 Iridium 0.9 Osmium 1.0 Selenium 1.0 Tin 0.3

Bismuth 0.5 Erbium 0.8 Palladium 0.5 Silicon 60 Titanium 0.1

Boron 0.8 Europium 0.9 Lanthanum 1.0 Phosphorus 30 Silver 0.2 Tungsten 5.0

Bromine 0.2 Fluorine 5.0 Lead 0.6 Platinum 0.5 Sodium 300 Vanadium 0.5

Cadmium 4.2 Gadolinium 0.5 Lithium 16 Potassium 1000 Strontium 4.0 Ytterbium 0.1

Calcium 300 Gallium 1.0 Lutetium 0.1 Praseodymium 10 Sulfur 2000 Yttrium 0.1

Cerium 4.2 Germanium 0.5 Manganese 34 Rhenium 0.5 Tantalum 0.6 Zinc 8.0

Cesium 4.2 Gold 0.1 Magnesium 2000 Rhodium 0.5 Tellurium 5.0 Zirconium 1.0

# Soil Booster Plus Application

- Soil Booster Plus comes in a container with an amount to treat 3500 square feet. Spread Soil Booster Plus evenly over the Lawn or Garden area. A grass seeder works well. Set the application rate as low as possible as Soil Booster Plus is quite fine. You will not damage your lawn or garden by applying more than the recommended amount. We recommend treating in spring and fall. If seeding a new Lawn, mix the recommended amount with the grass seed.