

AMBASSADOR COLLEGE

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" O R G A N I C "

S O I L C O N D I T I O N E R

Builds and Conditions the Soil

Natural organic matter is one of the three basic soil constituents. A shortage or lack results in a decrease in living organisms, an unbalanced or "locked up" soil. More organic material in your soil results in more life, health and fertility. Organic matter is the only source of food supply for micro-life. In healthy soil it coats each particle of rock and mineral. It is the main key to life in the soil.

In supporting soil bacteria and micro-life, organic matter aids in the bringing of insoluble soil minerals into solution. It also increases the water-holding capacity of the soil, absorbing more than one hundred times its own weight in water. This moisture is then retained for future use and released to the plant as needed.

Other values of "Organic" include improving aeration and the physical condition of the soil, regulating soil temperature, reducing erosion and serving as an important source of nitrogen and plant food elements, increasing productivity.

Most soils continue to lose their organic matter because of false and improper agricultural practices. Fertilizer does have a definite good or bad effect on bacteria, earth-worms and other forms of life. Care must be taken so one does not destroy but rather feeds and sustains the life in the soil. You can't get too much organic matter in the soil!

How can you get more organic matter in your soil? By using proper tillage methods, plant legumes, cover (green manure) crops. Keep something growing on your land at all times and apply organic matter (manure, etc.) whenever it is available. It takes thousands of pounds of plant matter and much time to make a few hundred pounds of composted organic matter. The organic soil conditioner makes available concentrated

organic matter which starts working as soon as it is applied to the soil. This natural soil conditioner also contains a rich supply of minerals. It is 75% organic and 25% mineral.

Though the bulk of the conditioner is raw concentrated organic matter, it contains many trace minerals and elements. These minerals though minor in volume, are major in importance. They affect the health of plant, animal and man, and are essential for proper soil balance.

Briefly, to skim the importance of these trace minerals and their function, they are needed to make the elements available in the soil to produce rich, healthy crops. They affect the production of protein, proper reproduction, photosynthesis, health and strength as well as normal growth.

Some of these trace elements found in "Organic" are:

Aluminum	Germanium	Silica
Barium	Iron	Silicon
Bismuth	Lead	Silver
Cobalt	Magnesium	Sodium
Calcium	Manganese	Strontium
Carbon	Molybdenum	Sulphur
Chlorine	Nickel	Titanium
Chromium	Nitrogen	Vanadium
Copper	Potassium	Zirconium
	Gallium	

This material is an excellent plant food for field crops, gardens, trees, house plants, and shrubs.

"Organic" is being made available through the Agriculture Department, Big Sandy. Ten lb. bags can be ordered by mail for \$1.50 per bag, plus freight. Large quantities are available FOB our warehouse.

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