



SOIL BUILDER

Bring your little bit of Australia back to how it was.



Do your soils have great structure as shown in the picture above?

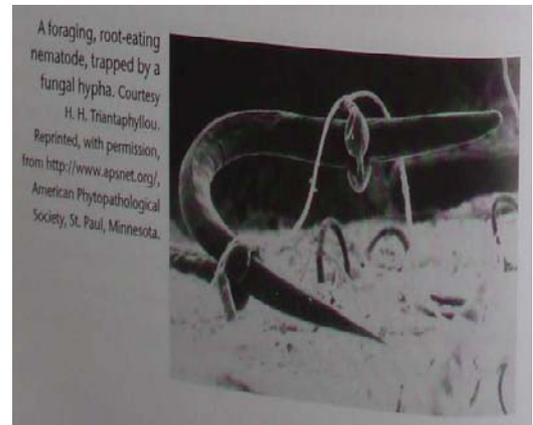
100mm deep in the soil profile is a great shot of restructured red clay loam eight months after a Soil Group Soil Builder treatment. A shovel was pushed into the soil and exposed an exciting story about a living and balanced community in fierce competition while supplying an abundant food source for the crops above the soil surface. (Read More)

1. **Massive** increase in biology has crumbed the soil, building varying sized cities glued together with an alkaline substance from microbial life. The secretions are toxic to soil pathogens.
2. **The** angular/ circular cities are separated allowing air to penetrate deep into the soil down from the top profile. Air contains 78% nitrogen, 22% oxygen, essentials for all life.
3. **Roots** are now able to push through the restructured clay (previous hardpan) and access the abundant trace minerals and nutrients previously locked away deeper than 150mm.
4. **When** it rains the openness of the soil (permeability) collects and stores up to 300mm deep, water droplets for use in dryer times and to further support abundant life in the soil.

5. **Hyphae** fungal strands (white string like strand) have begun to bunch and stretch metres out converting organic matter to nutrients and capturing unexpecting nematodes.
6. **On** the right side of photo,crop roots are coated with microbes and they are converting trace minerals and organic matter into useable nutrients to feed the plants which in turn feeds the microbes and so it goes on.
7. **The** soil is now ready to recycle organic matter at a faster rate, providing a storage house for nutrients and abundance of life in the soil.

The Editor of Acres magazine said “there are more kinds of minute livestock hidden in the shallows and depths of an acre of soil than ever walked on the surface of that field”. The weight of microorganisms busy under pasture is far greater than that of all large mammals, cows, horses, sheep, pigs, rabbits, mice, snakes, birds, grasshoppers, mice, spiders and any other types of animal life that run above it or take shelter in it.

Not only is the soil their natural habitat: they invented it: as a base of all that lives. Toothless and mouth less, they ingest through their membranes and chew up with chemical action the seasoned elements from the hard, bare, rock of a planet they inherited before it could be advertised as earth, laying down their carcasses to produce a living soil of humus. (*Secrets of the Soil* P. Tompkins & Christopher Bird)



So do you have the numbers...in your soil,to assist you to increase productionand create a profit for you and your family?

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SoiLife: Manufacturers, Distributers of biological and organic inputs.