



CHEMICALS KILLS SOIL LIFE – pure Black Casting™ promotes healthy soil life

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This is a common sense approach to growing plants based on the concept that healthy soils grow healthy plants.

The job of insects is to eliminate sickly plants. Weeds thrive in soils that have been sterilized with synthetic fertilizers, pesticides, herbicides, defoliant and especially soil fumigants. These chemicals destroy all or part of the normal soil microflora.

The application of compost and pure Black Castings will add the organic matter to the soils to support the soil microorganisms. The pure Black Castings™ is a living organic fertilizer and soil amendment. This adds another very important dimension to the development of healthy soil microflora need for the development of a living soil. The pure Black Castings™ help establish a good balance of microorganisms in the soil. It is not the volume of the organic matter added but it is the combination of the pure Black Castings™ with the compost that is important.

Within each tiny cast, there is a complex microbial community that is in balance and operating in a symbiotic manner. The species diversity of the pure Black Castings helps to supply the missing links in the microflora of the soil and the enzymes that help to create enzyme bridges that link up the natural communities in the soil and allow them to work together. The biodiversity of the soil is a very important aspect of the soil food web. A high biodiversity will promote the numbers of each of the microbes in the soil.

Soils that have been treated with agricultural chemicals are disease-inducing soil. The balance of normal microflora has been upset and disease organisms take over dominance in the soil. Soil-borne diseases then become a problem. When we stop using these harsh chemicals and start using pure Black Castings™, compost and other soil amendments, the soil quickly becomes disease-resistant due to the natural competition between the beneficial organisms and the disease organisms. Over time, the soil becomes highly balanced and will synthesize most of its own nutrients. The longer you use the pure Black Castings, the less you have to apply. What a novel concept!