



APRIL 2024 NEWLETTER

**BEAUTIFUL BUGS WON'T ATTACK HEALTHY PLANTS-**  
**THEY JUST CAN'T**

**“Why do insects attack crops?” you might ask.**

Well, here is a great thought to consider. Crops many times are just plain undernourished, out of balance nutritionally and/or trying to thrive in a chemically toxic environment. Most often the approach is to spray the plant life with more toxic pesticides and that is after the soil has already been sprayed with herbicides and fungicides. All this in an attempt to halt or kill invasive bugs and plant species. These practices leave the plants more susceptible to these beautiful predator bugs. The interesting result from this is that the farmer now has potentially created a larger problem than they had before. The challenge for the farmer is that these bugs are very adept at creating an immunity to the poison that is being applied, and why is this? Well, they (the bugs) have a permanent assignment from God to eat sick plants.



Spotted asparagus beetle

Dr. Sylie, a director of research, published information on this very subject that is insightful and really sheds light on the challenge. His comments were straight forward. He said that virtually all pathogenic organisms have one job, and one job only, and that is to be **“nature’s clean-up crew,”** and that they are placed here to deal with, and remove weak and sickly plants and organisms. Now that is a thought worth considering, as it reveals that the farmer is up against what a “predator’s” sole reason for existence is.



Colorado Potato Beetle

So here is another thought to consider as shared by Dr. Jackson in his book titled “Life: More Abundant.” He mentions that these predator bugs are drawn to plants that have:

1. An excess of amino acids. An excess of amino acids becomes prevalent when the weakened plant is not able to synthesize protein. These predator bugs rely on, and are dependent upon, an excess amount of free amino acids in the cell sap.
2. Low mineral levels - especially micronutrients, many of which act as enzyme activators.
3. Lack of water (protein metabolism is thereby inhibited).

When a plant’s metabolism is slowed due to the application of pesticides etc., and the soil is not able to provide the plant the micronutrients it needs due to the lack of a healthy microbial population, (which is the result of overuse of pesticides, herbicides and fungicides) then the plant produces an over abundance of amino acids - **the dinner bell ringer for beautiful bugs.**

There is a theory that has been proven out that goes by the name of, “Trophobiosis.” The French biologist Francis Chaboussou theorized the following, “Pests shun healthy plants, and pesticides weaken plants.”



Adult Striped Cucumber Beetle

Weakened plants open the door to pests and disease. Hence pesticides precipitate pest attack and disease susceptibility, and thus they induce a cycle of further pesticide use. This is the essence of Trophobiosis.” There are other works to read that may be of interest. They are: “Crops and Pests: Are Poisons the Answer?” “Plants Made Sick by Pesticides: New Basis for the Prevention of Diseases and Pests.”



Tomato Hornworm

So, what makes a plant susceptible to pests? Primarily it is a nutrition issue. Sounds just like us, doesn't it? It is of paramount importance that in order for pest attacks

**to be mitigated, plants must be strong nutritionally, and that is where the products we represent come into play – big time!**

In summary, these beautiful bugs (pests) must find an abundance of amino acids or they will starve.

Chaboussou's closing remarks state that, "Whether they be insects, mites, nematodes, protozoans, fungi, bacteria, or even viruses, they will only thrive on plants with a metabolic imbalance that leads to abnormally high levels of amino acids. **In a healthy plant these levels are low. Proteosynthesis (Protein synthesis) and proteolysis (protein degradation) are in balance.** As soon as amino acids are formed, they are used up to form proteins, or, when the plant is in repose, such as in hibernation or estivation, and proteosynthesis ceases, so does production of amino acids. **On such a plant, the blight fungus or a plant louse will simply die of lack of food, or his senses and instincts tell him not to seek this kind of plant."**

**In closing, just remember that beautiful bugs enjoy eating sick plants. It is how God intended it to be, as one must (as Dr. Jackson used to say) have the right to reproduce!**

**Get your soil nutritionally healthy TODAY with the products EarthGen215 offers and give your plants THE RIGHT TO REPRODUCE!**

Burn downs are our next subject I will be covering in the next newsletter. There is **great news** on this subject coming to you!



Citations: "Life More Abundant, Humic, Fulvic and Microbial Balance Vol. II, by Dr. William R. Jackson, PhD, ScD

Thank you,

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