



The BIO LOGIC SERIES

Seeds!

The Purpose

What is the purpose of a seed? Is it just to grow another plant of its kind, or is there more to it? In general it would appear that its purpose is the same as most other living things—to survive and reproduce. But more specifically, seeds from healthy plants possess the full genetic potential of that plant species. In other words, every alfalfa seed you plant has the potential to grow as fast, tall and green as the best you've seen. Ultimately though, that seed wants to make sure its line can survive and reproduce, so if conditions aren't right for it to produce a plant that will grow to its full potential, it will stop putting energy into growth and try to make more seeds as quickly as possible. Limiting factors could be water, toxic or tightly bound soil, disease, or harmful insects. Any way you look at it, you don't want your seeds unable to produce plants that don't reach their potential. It becomes imperative to provide the right environment for your seeds from the very beginning. This will enable them to reach their full genetic potential and fulfill their purpose.

The seed possesses the full genetic potential of the plant, so if conditions are right each one can grow and produce like at maximum efficiency.



Seed germination is linked to enzyme stimulation and provision of the proper nutrients, increased microorganism activity in your soil makes this happen.



How They Germinate

We all know that a seed needs some soil and water to grow, but there's more to it. Seed germination is linked to enzyme stimulation and having the proper nutrients. The increase of microorganism activity in your soil correlates directly with an increase in enzyme production. These enzymes along with those provided in The Bio-N-Liven Answer® ensure that all of your seeds needs are responded to quickly. As a seed germinates it sends out signals to tell the life in your soil what it needs to continue to grow to its full potential. Thus the production of enzymes by the life in your soil and the application of Bio-N-Liven become a critical part of proper seed germination.

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Germinate More, Germinate Faster

To put this all in perspective, here's a review of how these things work together so that your planted fields will germinate more and germinate faster. First there is an increase in microorganism activity that generates more enzymes in your soil. Combine these with the enzymes already provided in The Bio-N-Liven Answer® and you have all the enzymes you need to stimulate seeds to begin germinating immediately—providing faster germination. As this germination occurs the new plant demands nutrition. The increase in nutrients provided by the organisms in your soil together with the food, nutrients, and minerals provided in The Carbon Answer®, meet this demand and nurture your seeds through the germination process. Combine these benefits with the moisture benefits mentioned previously and you have the perfect conditions for more and faster germination.

Maintain the Balance

Our solution is not an overnight miracle. We provide the conditions that allow for continual improvement of your water, soil, and plant conditions. As you stick with it the nutrient and electric balance that you need will be achieved, and the topsoil and germination benefits mentioned will become quite noticeable. As you begin to balance these things out and your soil becomes more and more healthy, be sure to maintain this balance. Chemicals applied to your ground, whether from herbicides, pesticides or commercial fertilizers, will throw this balance off. You have to maintain the proper balance in order to see your seeds grow to their genetic potential and continue to provide the great crops you expect year after year.



All the plants in a seeding this thick can stay healthy and grow well with plenty of enzymes and nutrients



The proper balance is critical in harvesting great crops like this



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