



## STOLLER ENTERPRISES, INC.

*...World leader in crop nutrition...*

### Optimum Plant Growth

Plants have a natural rhythm of growth...just like people.

They need a good balanced nutrition...just like people.

They need water...just like people.

They need a good environment in order to grow...just like people. If it gets too hot or too cold their growth and health are affected...just like people.

If plants receive good food and a balanced diet, they grow well and stay healthy. If they are fed “junk food”, they develop internal problems...just like people. The key to healthy plant growth is the proper diet containing nutritious food.

We also need timely water. Why? Water provides the solution that is necessary for the plants to convert sugar into all of the metabolites for normal growth. Plants make sugar from carbon dioxide and energy from the sun. They must, however, digest the sugar and convert it to ALL other metabolites that the plant needs...vitamins, amino acids, oils, etc....just like people. This digestion process is called RESPIRATION.

As can be seen from above we can learn to care for our plants in the same way we need to care for our children. Feed them properly and give them enough fluids to drink.

It is difficult for us to control some environmental facts such as temperature and rain. Only God can do that. We can, however, control the affects of some problems like salt. Also, we can help our plants overcome some negative environmental problems by making them more healthy.

Plants, like people, are surrounded by disease. If plants are weak, they catch disease. We must then help them recover from this sickness. We can use natural products or we can use synthetic products, which may have side affects. There is no question, however, the most reasonable way to cure a plant's sickness is to use it's own internal immune system...just like people.

When people ask advice on, “How do I grow a bountiful crop?” We tell them, “Treat your plant the same way that you treat your children. They need care and nurturing. Feed them good, healthy food. Give them plenty of water to drink. If they become sick, help them return to health. If they are raised in a hostile environment (like salty soil) help them be more comfortable. If you do not care well for your plants as children, the results will be the same.”

**Jerry Stoller**