The Science behind **AgCor:**

One gram of soil contains approximately four billion bacteria, on million fungi, and 300,000 algae. Microbiology is found naturally in the soil and is responsible for breaking down decaying plant tissue and mineralizing nutrients. Adding **AgCor** increases the microbial activity in the soil. By feeding the micro-organisms, **AgCor** uses enzymes to break down the proteins into molecules small enough to enter the plant cell. **AgCor** also allows cells to reproduce, giving you more organic matter and fertile soil.

#1 Increased Yield

AgCor has been tested on dozens of crops with hundreds of fertility programs in over 30 states, on 5 continents, in all soil textures and in wet and in drought conditions. The results *consistently show an increase in yield.*

#2 Increased Fertilizer Utilization

One of your greatest input costs is your fertility. It is important to ensure the fertilizer is being utilized. **AgCor** has a significant track record in increasing a customer's return on investment. The path to good fertilization includes: *root interception, mass flow and diffusion.* **AgCor** tests positively in all three. Larger roots consistently produce more organic acids to unlock the fertilizer that is tied up in the soil, allowing better movement of nutrients through mass flow and diffusion. AgCor acts as the accelerator in the soil getting the natural process of fertilizer use going!!

#3 Increased Soil and Crop Quality

Managing the soil environment can lead to the best soil and best crops you've ever produced. With **AgCor**, increased protein and sugar production makes higher quality crops with higher test weights, and higher relative feed value. Active soil microbiology is a key ingredient in building *higher quality soils with good structure. Improved aggregation and soil structure leads to **better water retention** and **better water use efficiency.***