

THE MECHANISM OF CLAY PROPERTY CHANGE

THE "CONDOR EFFECT"

SOILS CONTAINING LARGE AMOUNTS OF HUMUS AND ORGANIC MATTER THAT IS NOT PROPERLY DIGESTED OR REDUCED CAN PRODUCE CONDITIONS THAT ENCOURAGE DISEASE AND ORGANISMS THAT CAN ATTACK EVEN HEALTHY PLANTS. THE USE OF CONDOR AG LANDLIFE ENCOURAGES THE GROWTH OF HEALTHY BACTERIA.

IONIZATION

CONDOR AG LANDLIFE IONIZES THE DILUTE WATER WHICH THEN CARRIES THE ELECTRICAL CHARGE INTO THE GROUND

REVERSAL OF CATIONIC FORCES

THE ELECTRICALLY CHARGED WATER MIGRATES THROUGH THE SOIL, NEUTRALIZING THE CATIONIC (POSITIVE) CHARGES PRESENT

REPOLARIZATION OF INDIVIDUAL CLAY PARTICLE

THE CHARGE IN THE CLAY PLATELET IS NEUTRALIZED SO THERE IS NO LONGER ANY ATTRACTIVE FORCE

RELEASE OF ABSORBED WATER AND TRAPPED NUTRIENTS

WITHOUT THE CHARGE IN THE PLATELET THERE IS NOTHING TO HOLD THE TRAPPED (PELICULAR) WATER AND THE MICRONUTRIENTS CONTAINED IN IT THAT PLANTS NEED TO SURVIVE, INCLUDING NH_4^+ , K^+ , Ca^{++} and Mg^{2+}

PROPER AEROBIC ENVIRONMENT

WITH THE PROPER OXYGEN-RICH ENVIRONMENT, THE PROPER LEVELS OF BACTERIA ARE PRODUCED INCREASING HEALTH OF THE ROOT SYSTEM AND PROPER UPTAKE OF NUTRIENTS.

CONVERSION OF CLAY PARTICLE ARRANGEMENT FROM A FLOCCULATED STRUCTURE TO A DISPERSED STRUCTURE

THE CLAY PARTICLES (COLLOIDS) ARE SEPARATED FROM THE WATER AND NOW ACT INDEPENDANTLY AND BEHAVE LIKE SOLIDS, NOT LIKE SOLIDS DISSOLVED IN A LIQUID

NORMALIZATION OF SOIL MATERIAL

AS TIME PASSES, THE SOIL BECOMES INCREASINGLY HEALTHIER EVENTUALLY BEHAVING LIKE GOOD QUALITY SOIL.

