Soil Physics & Nutrient Interactions

For the 4th year, I continued my research focus nutrient interactions in the soil and in the environment. Recently there has been attention on **AgroLiquid's** delivery of reliable information on the **PrimAgro** family of nutrients as well as other products as related to soil fertility, chemistry, and soil health. This builds on my early focus on movement and persistence of plant nutrients and formulation effects. Now with studies relating to nitrogen volatility, CO_2 as related to the soil microbial activity respiration, I've increased the knowledge on soil health and how soil should perform with its full capacity as a vital living ecosystem. We have now in **AgroLiquid** a great goal on how we should integrate soil health components with soil nutrients availability and balance, improve soil biology, and eliminate side effects to soil disturbance. Promoting **AgroLiquid's** products as excellent sources of plant nutrition and cost-effective pools for sequestering carbon, nutrient sufficiency, and source for agricultural sustainability will remain my main objective. For that reason, we have developed a new technology to appraise soil health using accurate spectrophotometry readings to directly measure the "Soil Basal Respiration (BSR)" in field conditions. This method will enable us to widely validate and improve the quality of **AgroLiquid's** products from any location where crops are grown. Enjoy reading about all of this in these research reports.

Zouheir Massri, Ph.D.
Senior Research Manager