



GW AGRICULTURE™

Putting Profit Back Into Farming Since 1993™

Improving Farms, Vineyards, Landscapes, Gardens and Orchards

2007

Soil Test Results

Increase In Available Nutrients After NR Application

	<u>Untreated</u>	<u>Combo w/o NR</u>	<u>Combo + NR</u>	<u>% Change</u>
Organic Matter %	4.85	4.85	4.85	0.0%
Phosphorous Bray P1	1640	1734	1794	+9.93%
Potassium (K)	338	367	353	+4.44%
Magnesium (Mg)	384	389	407	+5.99%
Calcium (Ca)	4901	5051	4976	+1.53%
pH - Soil	7.30	7.30	7.30	0.0%
pH - buffer	7.50	7.50	7.50	0.0%
CEC*	15.04	15.50	15.36	+2.13%
% Base Saturation - %K	2.88	3.04	2.95	+2.43%
% Base Saturation - %Mg	10.64	10.46	11.04	+3.76%
% Base Saturation - %Ca	81.44	81.49	80.97	-0.58%
Sulfur (S)	21	18	19	-9.52%
Zinc (Zn)	184.7	195.9	197.1	+6.71%
Manganese (Mn)	29	28	30	+3.57%
Boron (B)	0.75	0.72	0.74	-1.33%
Copper (Cu)	10.87	11.19	11.42	+5.06%
Iron (Fe)	187	188	190	+1.06%

A sample of the same soil was separated into three smaller samples. One was untreated, one was sprayed once with our Premium Combo Field Spray and Fungus Interruptus™ and the third was treated as the second plus one spray of the Nutrient Release Formula™. Each was tested by CSI.

As you look through these comparative test results on the CSI reports attached, note that on the bottom line you will see the results for the soluble nutrients. Note that as the available nutrients increase, the soluble nutrients decline roughly the same amount. One goes up, and the other goes down.

Sulfur must be present for plants to take in all nutrients except nitrogen. Our A, B, C and D Field Sprays make nitrogen more available. The Nutrient Release Formula activates sulfur.

Please note that the available sulfur declined somewhat after spraying the sample. As near as we can determine, in theory, the sulfur in the soil was activated and released into the ether so that it, in turn, could activate the elements and set them free for the plants. Nothing ever goes away. It just changes size, shape, form and dimension. That is all that occurred. There is no other explanation when dealing with these kinds of remedies. The sprays make this happen. How it happens will be left to future investigation.

These tests show that our Wholistic™ Field Sprays with the Nutrient Release Formula™ increase available nutrients in soils upon application.