FIELD TRIAL REPORT **October 1, 2018**

GOLD'n GRO 10-0-0+4%Fe SOIL APPLIED ON ALMONDS

Grower: Milton Ollenberger, Glenn County, California

The grower takes leaf samples every spring, to determine nutrients in the plant tissue.

Iron levels in the plant tissue have been decreasing each year. In 2015, the Iron analysis was below the optimum range of 50-100 ppm. The plant analysis for the grower was 43 ppm.

In March of 2016, the grower applied one gallon per acre of GOLD'n GRO 10-0-0+4%Fe through the drip system.

Consequent tissue analysis (taken in June of each year) reported:

2016

86 ppm Fe – North Field
69 ppm Fe – South Field

2017

83 ppm Fe – North Field
82 ppm Fe – South Field

2018

54 ppm Fe

June 21, 2017

Milton Ollenberger
7397 Cutting Avenue
Orland, CA 95963

PLANT ANALYSIS CH 1773936:1-3
Customer ID : 7-10283
Sampled On : June 5, 2017
Sampled By : Milton Ollenberger
Received On : June 5, 2017

Analytical Results for Milton Ollenberger

Almond - Early Season Plant Tissue Analysis

Sample Area	% Nitrogen	% Phosphorus	% Potassium	% Calcium	% Magnesium	ppm Zinc	ppm Manganese	ppm Iron	ppm Copper	ppm Boron	% Sodium
South Field	2.60	0.145	1.04	2.90	0.919	39.7	26	83	9	35.8	0.017
North Field	3.00	0.163	1.93	2.29	0.571	47.3	18	82	10	28.0	0.006
Center Field	2.59	0.140	0.984	2.87	0.995	31.3	21	59	7	35.3	0.008
Optimum Range - Average	3.4 - 4.4	0.25 - 0.40	1.5 - 3.0	1.8 - 3.0	0.35 - 0.60	25 - 200	25 - 200	50 - 200	7 - 300	40 - 70	0.0 - 0.25

Good Problem Low High

Note: Color coded bar graphs have been used to provide you with 'AT-A-GLANCE' interpretations.

If you have any questions regarding your results, please call.

FRUIT GROWERS LABORATORY, INC.

Scott Bucy

Scott Bucy, Director of Ag. Services

SB1:KEB

North young.
Center & east west
South
E-W field

FGL
ENVIRONMENTAL AGRICULTURAL
Analytical Chemists

June 15, 2016

Milton Ollenberger
7397 Cutting Avenue
Orland, CA 95963

PLANT ANALYSIS CH 1673832:1-2
Customer ID : 7-10283
Sampled On : June 2, 2016
Sampled By : Milton Ollenberger
Received On : June 2, 2016

Analytical Results for Milton Ollenberger

Almond Plant Tissue Analysis

Sample Area	% Nitrogen	% Phosphorus	% Potassium	% Calcium	% Magnesium	ppm Zinc	ppm Manganese	ppm Iron	ppm Copper	ppm Boron	% Sodium
North Field	2.50	0.156	1.42	3.27	1.05	77.2	25	86	14	43.9	0.013
South Field	2.14	0.150	1.21	3.03	0.998	18.0	26	69	6	38.4	0.009
Optimum Range - Average	2.2 - 2.5	0.10 - 0.30	1.4 - 3.4	2.0 - 5.0	0.25 - 1.5	18 - 350	20 - 350	50 - 300	4 - 200	30 - 65	0.0 - 0.25

Good Problem Low High

Note: Color coded bar graphs have been used to provide you with 'AT-A-GLANCE' interpretations.

If you have any questions regarding your results, please call.

FRUIT GROWERS LABORATORY, INC.

Scott Bucy

Scott Bucy, Director of Ag. Services

SB1:KEB

June 5, 2015

Milton Ollenberger
7397 Cutting Avenue
Orland, CA 95963

PLANT ANALYSIS CH 1573421:1-2
Customer ID : 7-10283
Sampled On : May 21, 2015
Sampled By : Milton Ollenberger
Received On : May 21, 2015

Analytical Results for Milton Ollenberger

Almond Plant Tissue Analysis

Sample Area	% Nitrogen	% Phosphorus	% Potassium	% Calcium	% Magnesium	ppm Zinc	ppm Manganese	ppm Iron	ppm Copper	ppm Boron	% Sodium
North Field	2.76	0.174	1.26	3.22	1.07	33.0	23	43	8	33.2	0.01
South Field	2.72	0.167	1.25	3.05	0.975	23.7	31	43	7	34.1	0.008
Optimum Range - Average	2.2 - 2.5	0.10 - 0.30	1.4 - 3.4	2.0 - 5.0	0.25 - 1.5	18 - 350	20 - 350	50 - 300	4 - 200	30 - 65	0.0 - 0.25

Good Problem Low High

Note: Color coded bar graphs have been used to provide you with 'AT-A-GLANCE' interpretations.

If you have any questions regarding your results, please call.

FRUIT GROWERS LABORATORY, INC.

Scott Bucy

Scott Bucy, Director of Ag. Services

SB1:EHB