



GG1000+4Fe

GG901+7Zn

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GOLD'n GRO Almonds Trial

10-0-0+4%Fe

and

9-0-1+7%Zn

Included in this report is a GOLD'n GRO Field Trial Report, which is summarized below. The purpose is to demonstrate how GOLD'n GRO micronutrient fertilizers work. Nutrient uptake is the focus here, because it is nearly impossible to obtain valid yield comparisons under field conditions. The trial presented is under normal field conditions at the grower locations where the trials were conducted.

GOLD'n GRO 10-0-0+4%Fe and GOLD'n GRO 9-0-1+7%Zn soil applied to Almonds. The purpose of this trial was to compare results from application of Rebar III, a competing premium priced chelated iron fertilizer. The objective of the fertilizer application was to increase the iron and zinc levels in the leaf tissues to the optimum range. The Rebar III did not achieve the goal, but the GOLD'n GRO did. This trial was completed in 2019, the year before COVID caused lockdowns.





5/22/19

**GOLD'n GRO 10-0-0+4%Fe
and GOLD'n GRO 9-0-1+7%Zn
SOIL APPLIED ON ALMONDS**

Grower: Amarack Investments
PCA: Destiny Campi
Nutrien, Vernalis, CA
Location: Newman, CA
Application: Drip
Planting: 5 Year old trees

On 3/2/2019 Growers standard practice was applied which included 1 quart of Rebar III. 30 days later trees were still experiencing Iron deficiency chlorosis. See tissue report.

3/2/19 One quart of Rebar III applied

4/2/19	Tissue Sample		
	Optimum Range	Fe 100ppm	Zn 40ppm
	Actual	53ppm	32ppm

4/4/19 Applied one gallon GOLD'n GRO 10-0-0+4%Fe and two quarts of GOLD'n GRO 9-0-1+7%Zn

5/20/19 (47 days)
Tissue Sampled Fe 117ppm Zn 53ppm



Crop Monitoring Program

ALMONDS



Log In #3971377

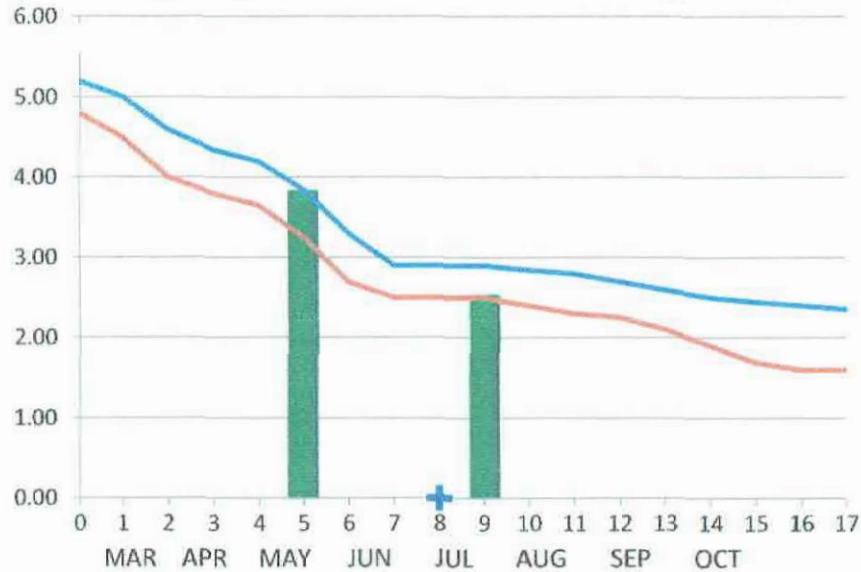
■ Above Optimal
 ■ Optimal
 ■ Warning
 ■ Low

ITRONICS METALLURGICAL
AMARAK INVESTMENTS

KEVIN MCGILL

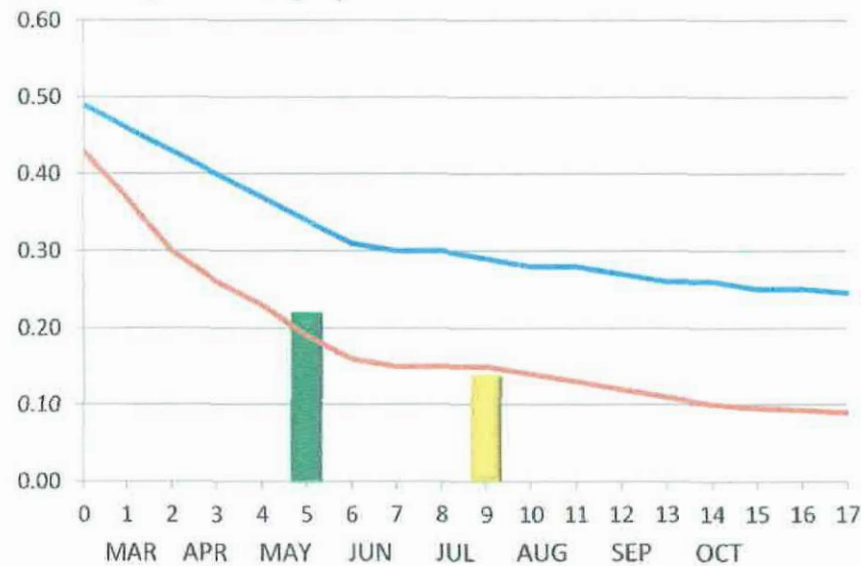
Nitrogen (%)

○ 2017
 ◆ 2018
 + UC-Davis Predicted July %N
N.A.



S-P	Date	%N	%P	%K	%Ca	%Mg	Zn	B	Fe	Mn	Cu	%S	%Na	%Cl
Optimal Zone				2.5	0.5	40	45	100	60	8	0.22	0.25	0.3	
1	04/2/19	4.53	0.44	2.35	1.18	0.46	32	46	53	40	10	0.26	0.01	0.07
2														
3														
4														
5	5/20/19	3.84	0.22	2.23	2.37	0.73	53	33	117	53	9	0.24	0.01	0.13
6														
7														
8														
9	7/22/19	2.55	0.14	1.94	3.51	0.94	27	38	243	40	5	0.24	0.02	0.18
10														
11														
12														
13														
14														
15														
16														
17														

Phosphorus (%)



Potassium (%)

