

pH Down



Water Soluble Fertilizers for Fertigation


Formulated and designed to manage alkaline irrigation water, neutralize bicarbonates, limit scale buildup in tanks, pipes and emitters.


Grow More pH Down formulas create low pH fertilizer solutions that improve nutrient availability in root zone which in turn improves availability to plant.

In field irrigation data from California Ranches demonstrates the effectiveness of the **Grow More pH Down** formulas.

- Creates Low pH stock solution
- Neutralizes bicarbonates in alkaline irrigation water
- Low pH improves nutrient availability in root zone
- Limits scale build up in tanks, pipes and emitters

100% Water Soluble Fertigation Fertilizer

A & L WESTERN AGRICULTURAL LABORATORIES													
1311 WOODLAND AVE #1 • MODESTO, CALIFORNIA 95351 • (209) 529-4080 • FAX (209) 529-4736													
IRRIGATION WATER ANALYSIS REPORT											PAGE: 1		
Sample ID	Lab Number	Sodium Na meq/L	Calcium Ca meq/L	Magnesium Mg meq/L	Carbonate CO ₃ meq/L	Bicarbonate HCO ₃ meq/L	Chloride Cl meq/L	Conductivity E.C. dS/m	pH	Copper Cu ppm	Iron Fe ppm	Manganese Mn ppm	Zinc Zn ppm
GIOVANNI	61502	2.61	4.29	2.14	0.00	3.77	1.35	0.89	7.4				
MARTINEZ	61503	5.74	3.79	3.45	0.00	3.13	5.44	1.39	7.8				

Sample ID	Phosphorus P ppm	Potassium K ppm	Nitrate NO ₃ ppm	Sulfate SO ₄ ppm	Boron B ppm	Dissolved Solids ppm	Adjusted S.A.R.	Langelier Saturation Index	NOTES:
GIOVANNI	0.05	2.5	4	155	0.22	612	1.77		This report applies only to the sample(s) tested. Samples are retained a maximum of thirty days after testing.  Rogell Rogers, CCA, PCA A & L WESTERN LABORATORIES, INC.
MARTINEZ	1.81	12.8	20	221	0.31	890	3.35		

AVAILABLE FORMULAS

with EDTA Chelated Micronutrients

20-8-20

13-6-27+3% Ca

5-30-30

11-42-12

pH Down Formula	11-42-12		13-6-27		5-30-30	
% pH Down Solution	1%	5%	1%	5%	1%	5%
% pH drop in irrigation water						
GIOVANNI pH	3.6	3.32	3.18	2.62	2.92	2.65
MARTINEZ	4.07	3.24	3.43	2.65	3.01	2.69

Delivers a low pH nutrient solution to the root zone to increase plant nutrient assimilation efficiency.

