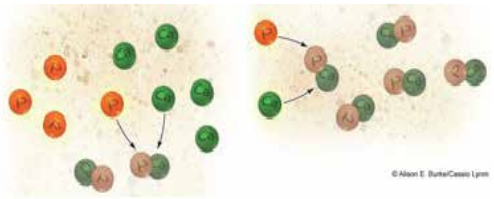
Soil MENDER

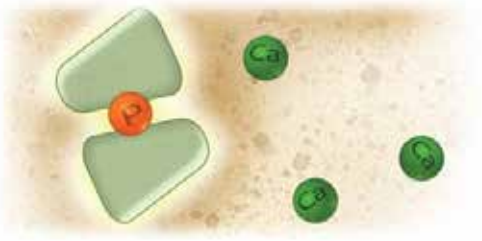
GROW BETTER

PHOSPHORUS NUTRITION

3-30-0-4 Acid P

Phosphorus is highly reactive in the soil, and will immediately tie up with other minerals such as calcium, rendering both unavailable to the plant. This creates a P deficiency in the plant and imbalance in soil chemistry.





Acid P repels minerals such as calcium, keeping P free for plant uptake. This also keeps other minerals free in soil solution allowing them to be utilized by the plant and keep good cation balance within the soil.

HEALTHY PLANTS

- Applied P makes it into plant roots instead of forming insoluble compounds in the soil
- Efficient ortho structure

SOIL CHEMISTRY

- Keeps essential cations available in soil solution
- Unlocks other nutrients in the soil (K, Ca, etc) due to it's sulfuric fraction

IN IRRIGATION

- Couples easily with other nutrition products, including N, K, and Micros - everything in one tank

This is a "plant available" soil test pulled from a strip that had 60 units of P applied 2 months prior from 10-34-0. The P likely tied with excess calcium, keeping it from being used by the plant.

SIDE FOR RATING GUIDE				Salts	Nitrate	Phosphate	Potassium		Sodium		Calcium		Magnesium		Ratios	
	% OM		pH	E.C.	NO_3	P_2O_5	K		Na		Ca		Mg			
Text.	Humus	CO_3	Std Unit	mmhos/cm	lbs/ac	lbs/ac	H_2O	CO_2	H_2O	CO_2	H_2O	CO_2	H_2O	CO_2	Na:Ca	Na:Mg
3	1.48	VH	7.8	0.73	174	1	24	62	49	71	84	1504	19	188	1	4
	2.8-4.8		6.3-6.8	0.18-1.00	35-90	50-100	75-100	80-125	< 100	< 175	60-120	300-800	13-20	60-100	1-4	5-9

7-23-3 Infurrow

- High purity source of ortho phosphate
- Highly available forms of nutrition to the plant as roots develop and plants emerge
- Low salt index
- Recommended in combination with a Redox solution for complexing and other nutrition

0-55-0 Custom

- High purity clear phosphoric acid for drip irrigation blends
- Meant for custom blends with other Acid products, creating a standalone product for any crop's nutritional needs
- Final blends react during manufacturing, creating a complexed and efficient P source similar to 3-30-0-4
- Couples easily with other nutrition products, including N, K, and Micros - everything in one tank