

# Verdegaal helps optimize soil pH through safe, automatic sulfuric acid application.

Poor quality, high pH water can put a big crimp on any crop. But now there's a low cost, safe and efficient way to bring your problem water into the zone of productivity. Verdegaal Brothers has developed a reliable injector system for precise, automatic application of sulfuric acid to quickly lower pH, improve water penetration and free-up soil nutrients. The key to the Verdegaal system is a highly reliable injector pump. Bulk sulfuric acid is safely stored and delivered to the pump through a closed system.

## Get into the Zone

6.5

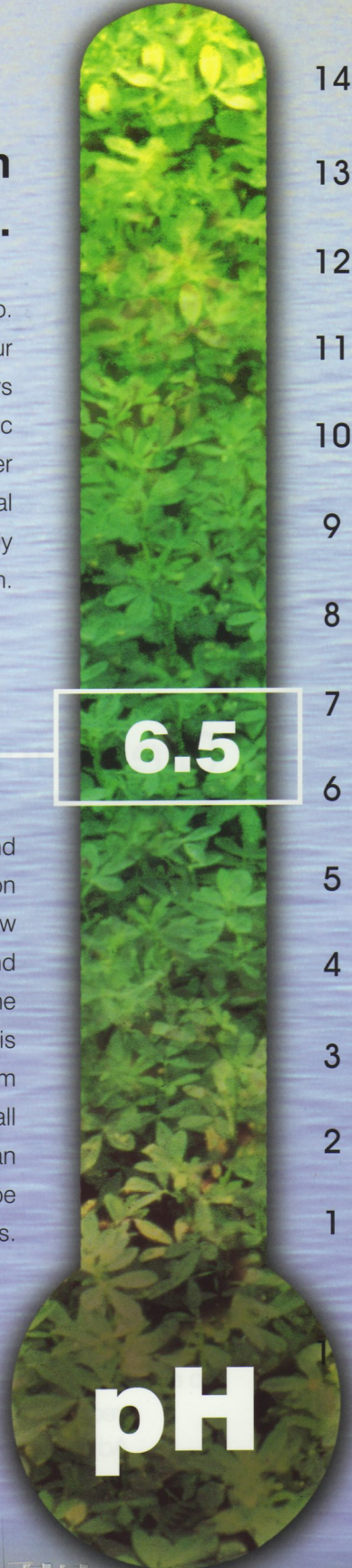
Once it is dialed in, the pump and metering system safely and automatically injects a precise level of sulfuric acid to irrigation water, achieving a constant, optimum water pH. This low cost application improves water penetration and effectively moves soil pH towards the optimum zone for healthy growth and higher yields. The system is effective for all crops and Verdegaal's support team assures accurate, worry-free operation. So call Verdegaal Brothers today and find out how we can help you get into the zone. It's where you want to be for optimum yields and long-term success.



Ask for our free pH titration test of your irrigation water.



"TEAMED TO MAKE THE GOOD EARTH BETTER"



# Get into the **Zone**

## Improve irrigation water penetration

Comparative penetration tests are an excellent indication of the effects water pH level has on soil penetration. After just 6 hours, water treated with sulfuric acid shows increased penetration. After 33 hours the results are dramatic.



## Clear irrigation lines and drip emitters



If your irrigation water suffers from high pH and high bicarbonates, treating with acid can give dramatic results. Getting into the Zone will clean up deposits in irrigation lines, emitters and nozzles, keeping them flowing freely and efficiently.

## Simple installation, safe operation

Application is simple and safe, thanks to our reliable acid injector pump. Sulfuric acid or urea-sulfuric acid is delivered to a plastic bulk storage tank at the site.

The acid is automatically pumped through a closed system and the precise amount of material is injected to achieve the optimum water pH. As the water pH is reduced, the bicarbonates are also reduced. Adjusting the water pH is a long term project.



**VERDEGAAL  
BROTHERS,  
INC.®**

Ask for your **FREE**  
Irrigation Water pH Titration

13555 S. 11th AVENUE • HANFORD, CA 93230 • (559) 582-9205 • (888) 742-8728  
FAX (559) 582-4274 • [www.verdegaalbrothers.com](http://www.verdegaalbrothers.com) • Email: [verdegaal@verdegaalbrothers.com](mailto:verdegaal@verdegaalbrothers.com)

**6.5  
pH**