

Orchard and Vineyard Preplant Preparation in high pH Calcareous Soils

Great Yields Start Before You Plant.

Step 1:

- Take soil samples in the 1st, 2nd, 3rd, and 4th foot, depending on the depth of the roots of the crop to be planted.
- Request the soils lab to include the test for qualitative or quantitative free lime.
- Review the results of the soil test report

Step 1:



Step 2:

- If the soil test analysis shows sulfuric acid is appropriate in the 2nd and 3rd foot, prepare the furrows for the application of sulfuric acid.
- Photos on the second page show an example of the ideal soil preparation.
- Furrow operations to be done before underground irrigation laterals are installed.

Step 3:



Step 3:

- Verdegaal Brothers will custom apply sulfuric acid.
- Rate of application based on the soil test report.

Step 4:

- Irrigate with a generous post-application of water in the furrow.
- This is important in order to convert the acid and to leach the salts.

Step 4:



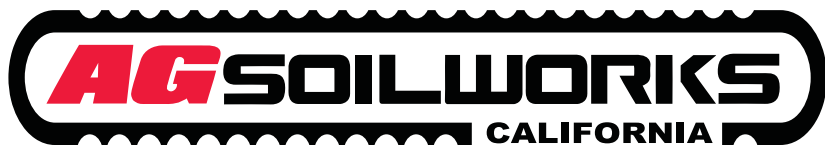
Step 5:

- Take post application soil tests, to confirm soil changes.
- Fill in the furrows.
- Prepare the field for orchard or vineyard planting.
- Compost or other organic amendments may be put in the furrow following the post-application irrigation. Do not put organic materials and/or most commercial fertilizers in direct contact with sulfuric acid.

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**VERDEGAAL
BROTHERS,
INC.®**



Specializes in precision ripping and development technology which enables patented Vibrosoiler ripping and deep soil amendment placement, in a single GPS-guided pass accurate to 2cm.



AGSOILWORKS is an applicator endorsed by Verdegaal Brothers, Inc. to do preplant soil preparation prior to the application of sulfuric acid for orchards and vineyards. The application includes a single rip line to open the soil, smoothing the soil on the sides for Verdegaal Brothers' tractors next to the treatment site, and creating the furrow for 2nd and 3rd foot placement of sulfuric acid.

SOILWORKS ADVANTAGES

- ✓ Fast establishment
- ✓ Uniform growth
- ✓ Sustainable improved yields
- ✓ Lateral water distribution
- ✓ Larger root systems
- ✓ Concentrate organic matter

To discuss your Orchard / Vineyard development needs contact:

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