

MORE WINE...LESS WATER



LIMITED WATER RESOURCES DON'T HAVE TO LIMIT PRODUCTION

Hydretain® is a unique soil moisture management technology designed to minimize water stress and effectively reduce watering requirements for healthy plant growth. It has proven to increase plant mass and improve crop yields, especially where adequate watering may be limited or inconsistent.

- Increase Crop Yields with Existing Resources
- Maintain Crop Yields with Less Water
- Improve Production Uniformity
- Reduce Water & Pumping Costs

HOW HYDRETAIN WORKS

Once applied and watered in, Hydretain forms a thin film on root hairs and soil particle surfaces. A proprietary blend of hygroscopic humectants, the Hydretain film acts like tiny water magnets, attracting and accumulating free water molecules within the soil to form microscopic water droplets. In addition to reducing your overall watering requirements, reducing water stress and minimizing wilt, Hydretain works to provide the proper soil moisture needed to maximize the effectiveness of most plant production and maintenance products.

RECOMMENDED APPLICATION

Liquid: Depending on the maturity of the vine, apply 1 to 3 gallons per acre by drench or via injection into the drip irrigation system. Repeat application every three months, or monthly a 1/3 rate following the initial full rate application throughout the growing season.

RESULTS ON CABERNET SAUVIGNON GRAPEVINES



Untreated



Treated

Two gallons of Hydretain ES Plus per acre were injected into the drip irrigation system in this vineyard in Mendocino County, located in Northern California. Plants were watered two times per week and the plants that were untreated showed only about 25% of the new growth that the treated plants displayed. The temperatures during the growing season ranged from the 80's to the low 100's.