

# BLUVITE TRIALS AND DROUGHT STRESS

Many areas in the western United States are grappling with drought and water scarcity. With limited water supply, this drought presents familiar challenges to winegrape growers across the region. During drought, appropriate timing of water deficits in your general irrigation management program will be an essential practice to maximize overall productivity for the vintage.

For more information on drought management and deficit irrigations for winegrapes visit [University of California Drought Management](#) and "[Irrigation Management of Winegrapes with a Limited Water Supply](#)."

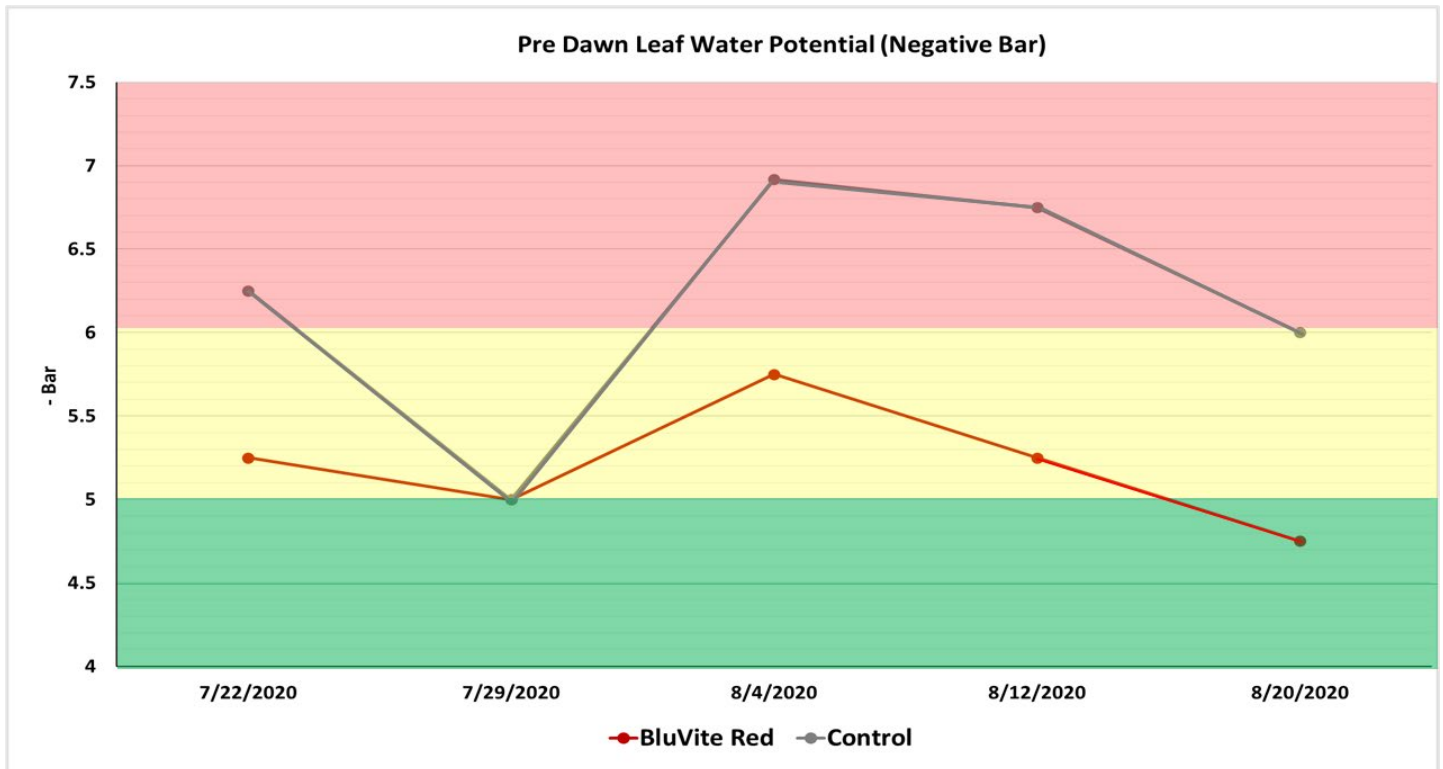
Alongside proper irrigation management, Enartis USA has a solution to help mitigate the effects of water stress with our vineyard technology, **BluVite by BluAgri**. To yield best results, it is normally recommended to apply the BluVite products at budbreak and flowering, but under a modified application protocol it is not too late to mitigate some of the effects of water stress for the 2021 vintage. To learn more, please email [bluvite@enartis.com](mailto:bluvite@enartis.com) or call (707) 837 3407.

By interacting with the soil microbiome and facilitating the root-microbial interaction, BluVite can increase the root biomass (secondary root production) and improve vine resiliency through drought conditions.

## RESULTS



Vines were counted for the presence or absence of basal leaf chlorosis, which is seen as the yellowing of basal leaves typical of water stress. There was a 40% decrease in the prevalence of basal leaf chlorosis in the BluVite Red treated area of the vineyard (Cabernet Sauvignon, Rutherford AVA, 2020 Harvest).



The above chart shows a +14.3% average increase (more towards 0, so less negative) in predawn leaf water potential in the vineyard areas treated with BluVite compared to the control, indicating less water stress throughout the season.

For more information on the current 2021 trials or more technical questions regarding the modified application protocol, please reach out to our Sustainable Viticulture Specialist:

**JT Jaeger**

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If you would like to place your orders for the 2021 growing season, please reach out to our offices at (707) 838-6312.

## BluViteRed

(for red grapes)

\$13.00/kg (cost per acre: \$189)

## BluVite

(for white grapes)

\$12.50/kg (cost per acre: \$181)

[Click here](#) for the technical data sheet for BluVite and BluVite Red.

**BluVite by BluAgri** is exclusively distributed by Enartis USA in North America.