

VINEYARD FERTILIZERS

BLUVITE AND BLUVITE RED

BluVite (for white grapes) and BluVite Red (for red grapes) are products intended for all vine varieties and can be applied to adult vines or new plantings. Due to its particular composition and origin, BluVite activates certain biological mechanisms in the soil that reactivate the unique microbiome of the vine. The processes of selection and interaction between the useful microorganisms for the vine and the soil are activated, with evident effects in the growth of secondary roots and strong adaptation to abiotic stresses (i.e. late-season water stress).

By acting directly on and working with the soil "microbiome," the application of BluVite has shown improvements in plant growth and grape maturity including:

- Increased **root biomass** and **secondary root production**
- Increased **leaf area (LAI)** and **photosynthetic activity (SPAD)**
- Increased **shoot tip activity** and **apex growth** (top 7 internodes)
- Increased **shoot length** and **shoot diameter**
- Greater **uniformity in overall canopy growth**
- More even and **better berry set**
- More **even veraison**
- **Decreased** grape juice **potassium (K) levels**
- Increased **phenolic composition** and **extractability of anthocyanins**

STATE REGISTRATION

These products are for sale in California, Oregon, Texas, Virginia, and Washington.

ALLOWED USES

This is an OMRI listed product line and allowed for use in organic viticulture under the USDA National Organic Program and registered with the California Department of Food and Agriculture Organic Input Material Program (CDFA OIM). BluAgri and Enartis USA are currently in the process of organic registration with the Washington State Department of Agriculture (WSDA) Organic Program which is in accordance with the USDA National Organic Standards. Please ask an Enartis USA representative for updates regarding the current status of these products.

MODE OF ACTION

BluVite provides a source of minerals, magnesium sulfate, elemental sulfur and yeast hydrolysates.

DIRECTIONS FOR USE

BluVite (and BluVite Red) is a powdered formulation and must be mixed in water, ensuring agitation. It must be sprayed under the row (with a low volume tank), in order to obtain uniform covering of the soil under plants. It should be applied with a volume of water between 200/250 L/ha (22- 28 gallons/acre) if there are forecasted rainfalls. During dry climate conditions, a larger volume of water will be necessary up to 600-800 L/ha (65-86 gallons/acre).

The indications given here correspond to the current state of our knowledge and experience, however they do not relieve the user from compliance with safety and protection regulations or from improper use of the product.

TIME OF APPLICATION

BluVite must be applied in two vine growth phases:

- Bud break
- Beginning of flowering

APPLICATION RATES

Apply two annual applications at a dose of 18 kg/ha (16.5 lbs/ac) for each application. In young vineyards it should be done in two close-up treatments (1 month).

A single 18 kg (~40 lbs) bag covers 0.5 hectares or 1.2 acres of vineyard for both applications.

COMPATIBILITY

BluVite is compatible with products registered and used for weed control.



BluVite by BluAgri is exclusively distributed in the USA by Enartis

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