



Delfan Plus V

Concentrated L- α Free Amino Acids plant stress relieving biostimulant for enhanced crop production

Description

Delfan Plus V is a highly concentrated L- α Free Amino Acids biostimulant. L- α Free Amino Acids are potent plant biostimulant and stress relievers. L- α Free Amino Acids reactivate carbohydrate and N metabolism in situations of chemical or osmotic stress such as drought and salinity. Some of the L- α Free Amino Acids in Delfan Plus V are direct anti-stress compounds while the other L- α Free Amino Acids can be used immediately by the plant to synthesize anti-stress compounds, proteins and other essential molecules for continued growth. Delfan Plus V also improves tank mix characteristics by increasing nutrient uptake of included products through a carrier effect and improves droplet characteristics on the leaf by reducing angle of the droplet.

Benefits

- L- α Free Amino Acids are the only form of Amino Acids used in protein synthesis
- Diverse Aminogram provides more than 17 Amino Acids needed for plant growth and stress alleviation
- L- α Free Amino Acids are Zwitterions which allow for easier penetration into the leaf
- Reactivates carbohydrate and N metabolism in situations of chemical or osmotic stress such as drought and salinity
- Includes highly active anti-oxidants able to quickly reduce and control free oxygen radicals (ROS) released during abiotic stress events
- 100% soluble with excellent tank mixing compatibility
- Suitable for Organic Agriculture according to EC Regulation No. 834/2007 and 889/2008 and to NOP rules. Control ECOCERT SA F-32600

Technical specifications

- L- α Free Amino Acids: 25.8% w/v
- Total Nitrogen (N): 5.2% w/v

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Dosage and method of use

Foliar Application		
Horticultural Crops	1 – 3 L /ha	3-5 applications, every 10-14 day intervals beginning with first spray after transplanting. Target times of plant stress, such as early growth, pre – flowering and fruit set as well as times of external stress due to climate or crop husbandry stress.
Fruit Trees	2 – 4 L/ ha	3-6 applications. Apply at start of season, pre – flowering, petalfall and during early fruit development
Cereals	1-2 L/ ha	1-2 applications at end of tillering and pre-flag leaf emergence
Vines	2 – 4 L/ ha	3-6 applications. Apply at start of season, pre – flowering, petal fall and during early fruit development
Potato	1.5 – 3 L/ ha	4-5 applications, every 10-14 days, starting at foliage 15-20 cm
Flowers & Ornamentals	1 – 3 ml /L / Week	Apply during vegetative growth
Anti-Stress (At or During Stress)	0.5 – 2 L/ ha	1-4 applications at time of application of post-emergent PPP and fertilisers to reduce growth setback and chlorosis of the crop.
Anti-Stress (Recovery After Stress)	2 – 4 L/ha	2-3 applications at 7 day intervals for crop recovery on backward crops that have suffered due to adverse abiotic environmental stress such as cold start to season or drought or that have suffered a set back due to chemical damage