

Technical Data Sheet

Product Identification

Trade Name	Maxstim For Berries
Product Type	Natural Plant Biostimulant
Chemical Composition	Natural Organic Materials and Plant Metabolites

General Characteristics

Appearance @ 20°C	Viscous dark brown liquid with treacle like odour
Undiluted pH	5.4 to 5.7
Diluted pH	4.21
Specific Gravity @ 20°C	1.208 g/ml
Flash Point	> 100°C

Typical Analysis per Litre

Organic Matter	29.40%	294,000 ppm
Carbohydrate	16.20%	162,000 ppm
Amino Acid Proteins	9.00%	90,000 ppm
Potassium as K	1.75%	17,500 ppm
Nitrogen as N	1.90%	19,000 ppm
Phosphorus as P	0.05%	500 ppm

Minerals

Magnesium as Mg	0.25%	2,500 ppm
Calcium as Ca	0.32%	3,200 ppm
Sodium as Na	0.47%	4,700 ppm
Sulphur as S	0.46%	4,600 ppm
Iron as FE	<0.10%	<1,100 ppm
Copper as Cu	<0.10%	<1,000 ppm
Zinc as Zn	0.01%	100 ppm
Boron as B	<0.01%	<100 ppm
Manganese as Mn	0.11%	1,100 ppm
Other trace elements	<0.01%	<100 ppm

Maxstim Ltd

Elm House, Tanshire Park, Elstead, Surrey. GU6 8LB

Tel: 0844 409 8288 www.maxstim.com

Registered Company Number: 08431168

Usage Instructions

Maxstim should be agitated and then diluted with water so that the final mixture contains:

- a maximum of 5% Maxstim for soil application
- a maximum of 2.5% Maxstim for foliar application
- a maximum of 2% Maxstim for application via continuous irrigation

Maxstim should be applied with sufficient volumes of water to ensure

- 20L of Maxstim are applied per hectare to the soil
- 10L of Maxstim are applied per hectare when foliar spraying

Early applications should target the soil.

Alternate foliar and soil applications every 3 or 4 weeks during the growing season.

Precautions – What not to do

When using Maxstim Biostimulants please take care that you **do not**:

- apply more than the advised amount of Maxstim to the plant
- apply more frequently than you are advised to do
- apply the product without adding water first

Product Manufacturing Details

Organic material of the product

The Organic Matter in Maxstim is a mixture of plant derived solid matter and contains elements of:

- Sugars in the form of glucose, fructose and mannose
- Various plant derived vitamins
- Amino acids
- Plant derived cellulose material

The transformation process

The process for manufacturing the Maxstim products is a mechanical blending process and does not involve any additional chemical processing aids

The transformation temperature

The transformation process is undertaken at room temperature (between 17 and 22 degrees centigrade) and does not require any additional heating processes