VASELIFE®

NPKS 0-0-12-0 + 31% Orthosilicate

An advanced formulation which delivers additional vase life in cut flowers.

BENEFITS OF VASELIFE®

- A unique formulation that provides vase life extension in cut flower production.
- Opens the possibility of storing cut flower until key festive demand periods, which offers the grower an opportunity to deliver more flowers at peak season.
- Includes specific bio-effectors hybridized with bioactive silicon to enhance vase life and quality.
- Improves plant's ability to tolerate stress in- transit, heat & drought stress
- Enhances plants immune system to resist infections such as mildews and others
- Maintains cut flower stem and leaf integrity and turgidity in transit
- Builds stronger/ thicker cell walls to resist attack from insects such as mites and white fly

THE ROLE OF SILICON

Like other elements, silicon plays a vital role in positively influencing the physiology of the plant. The range of silicon in plant tissue is approximately 0.1 to 10 %. Bioactive Silicon enters plants via xylem in cut stems and distributed within the stems, leaves and flower buds.

Silicon also accumulates around the epidermis of leaves, shoots and roots. Silicon in its bioactive state, forms a gel and associates with calcium and pectins to stabilise cell walls, increasing a plant's ability to resist biotic and abiotic stress conditions and improves plant cell strength and structure. This enables the stem and leaves maintain turgidity and integrity of cellular structures that helps improving the vase life of cut flowers.

THE ROLE OF POTASSIUM

Potassium in leaves regulates the guard cells of stomata to maintain turgidity of plant cells, thereby improving sugar production and transpiration.
Potassium in stem cells upregulate translocation of sugars and respiration. Lack of potassium accelerate wilting in leaves and produce weaker stems.

Exclusively distributed by:
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VASELIFE®

CHARACTERISTICS: pH: >12.5; Specific Gravity: 1.30 – 1.32

AUS Analysis W/V%: 11.5% K, 30.6% SiO_2, (14.5% Si)
International Analysis W/W%: 10.7% K_2O, 23.5% SiO_2 (11.0% Si)

APPLICATION

CUT FOWERS & ORNAMENTALS OPEN FIELD: Such as Carnations, Gypsophilla, Roses & Statice. Post harvest hydration solution for vase life extension: 3ml/L. Prepare solution and hydrate cut flowers either in Greenhouse or and during transit to cold storage, pre grading. Cut flower needs an uptake time of not less than 10-15 min post-harvest. Once uptake is complete, flowers can be placed in a standard post-har est solution as per normal farm practise.
If solution becomes contaminated, dirty or discoloured, efficacy may be reduced. Replace with fresh solution.

Agitate contents well prior to application.

NOTE: The suggested rates of application of the Product are designed for typical Australian conditions and should be used as a guide only. Each farmer's climatic conditions, water quality, soil types, application processes and practices may differ and therefore necessitate corrections to ensure optimum results. Good agricultural practice requires that application be avoided under extreme weather conditions such as temperatures over 28°C, high humidity, frost, rain etc. It is recommended that when applying to a crop or area for the first time, or in combination with other chemicals, a small test area should be sprayed and observed prior to the total spray. Where possible, it is recommended that regular leaf tests are conducted to determine actual plant nutrient availability during each growth cycle. Soil tests at least once per year are essential.