

NUTRITION
OF PLANTS

ALL CROPS

SILACTIV

NUTRITIONAL COMPLEX WITH NPK AND SILICON FOR ALL YOUR CROPS

WHY APPLY SILACTIV?

/ SILACTIV is a highly concentrated nutritional complex with NPK and Silicon.

/ SILACTIV brings the nutritional elements in highly concentrated liquid forms, 100% soluble and of great purity to be 100 % efficient.

Silicon plays an important biological role in plants, providing silicon by foliar application improves resistance to stress.

Silicon optimizes the hydro-mineral nutrition of the plant.

SILACTIV, EFFECTS ON THE PLANT:

- Optimizing photosynthetic activity (Nitrogen and Potassium)
- Better management of water by the plant: limit losses in water and stress resistance (SiO_2)
- Increase of the vegetative and root development, allowing better use of valuable soil reserves (Phosphorus, SiO_2)
- Guard fruit quality, limiting stresses, and breakage
- Limit toxicity by decreasing storage of heavy metal, nanoparticles, Al and Mn, sodium salt
- Decrease lodging sensitiveness, especially for rice
- Stimulate nodules development in legume plants because of the action on nitrogenase

CROP RECOMMENDATIONS

FOLIAR APPLICATION

Minimum water rate **500 L/ha** for all crops

> **GRAPES** - Rate: **1-2 L/ha** (or maximum 400 ml/100 L)

Timing: Apply every 4 weeks or as required

> **STONE FRUIT (EXCLUDING CHERRY)** - Rate: **1-2 L/ha** (or maximum 400 ml/100 L)

Timing: Apply a maximum of 3 times from pink blush to 3 days before estimated harvest

> **CHERRIES** - Rate: **1-2 L/ha** (or maximum 400 ml/100 L)

Apply 3 times from pink blush to 3 days before estimated harvest

> **BERRY CROPS (RUBUS FRUIT, STRAWBERRY, BLUEBERRY)** - Rate: **1-2 L/ha** (or maximum 400 ml/100 L)

Timing: Apply multiple times throughout the season particularly when colouring conditions are less favourable, apply no more than 24 hours before harvest. Note: Denise cultivar apply at **2-3 L/ha**

IMPORTANT :

- Do not spray during flowering.
- Not compatible with acidic inputs. Potassium Silicate is very alkaline and recommended rates should never be exceeded to avoid possible damage.
- As silicon is not readily transported within the plant more than one application will be required per season to ensure the full benefits.
- Do not mix with Calcium Nitrate

Nitrogen (N) : 40 g/L

Phosphorus (P) : 39 g/L

Potassium (K) : 180 g/L

Silicon (Si) : 56 g/L

Specific Mineral balance in foliar

Pack size: 10 L

Liquid

Precision
technologies

Agro nutrition

DE SANGOSSE



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