

# SILACTIV

FERTILISER

Precision  
technologies



N	P	K	Mg	S	Ca	
40	39	180				
B	Cu	Fe	Mn	Mo	Zn	Silicon
						56



In g/L for liquid products

## Specifications

### PACK SIZE

10 L

### FORMULATION

Specific Mineral Balance

### CHECK CONDITION OF PRODUCT AT

30 months

### FORM

Liquid (SL)

### STORAGE CONDITIONS

Store away from frost.

### APPLICATION

Foliar

## Agronomic interests

### ROLE OF NUTRIENT(S)

> 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

### PRODUCT SPECIFICATIONS

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

SILACTIV, 3 effects on plant:

- Optimizing photosynthetic activity (nitrogen and potassium)
- Better management of water by the plant: limit losses in water and stress resistance (SiO<sub>2</sub>)
- Increase of the vegetative and root development, allowing better use of valuable soil reserves (Phosphorus, SiO<sub>2</sub>)

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

### FEATURES AND BENEFITS OF THE FORMULATION

The unique formulation of this product guarantees maximum foliar uptake, without the risk of phytotoxicity. Designed to achieve nutrient absorption in less than 6 hours.

This product is formulated with rigorously selected raw materials, guaranteed by quality control, to ensure a perfect safety of use and to optimise the absorption through the leaves.

## Directions of use

### CROP RECOMMENDATIONS

#### FOLIAR APPLICATION

Minimum water rate 500 L/ha for all crops

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

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 24hours 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

### Instructions for use

For best results, use sufficient water to achieve an even crop coverage to the point of runoff. Avoid spraying in very strong sunlight and/or very high temperatures. If possible, apply during evening or early morning especially if day-time temperatures exceed 28°C. Very young foliage and crops under stress may be more susceptible to scorch. Lower doses should be applied in these circumstances and the application interval reduced accordingly. Refer to the Crop Recommendations table for application rates and timings for individual crops.

## INSTRUCTIONS

**Shake or stir well before use.** Where higher rates are required for good foliar coverage, do not exceed maximum product rate per hectare. Sensitive foliage or plants should be test sprayed prior to full scale application. Ensure suitable spray conditions (e.g. temperature, humidity, windspeed), prior to foliar application. Compatibility and/or performance cannot be guaranteed when combined with other products. Jar test for compatibility and spray test on small area before wide-spread use. Please contact your De Sangosse Territory Manager for information on compatibilities.

#### MIXING

1. Fill the spray tank with half the required amount of water and start agitation.

2. Shake container well and add the required amount of product, then add the rest of the water maintaining agitation continuously. When combining with other components in a tank-mix, always add the product last. Do not allow the mixture to stand without agitation.

3. After spraying, clean and rinse the spraying equipment thoroughly.

**IMPORTANT:** Respect the uses, doses, conditions and instructions for use mentioned on the packaging, which are determined according to the characteristics of the product and the applications for which it is recommended. On this basis, conduct the crop and treatments according to the best agricultural practices taking into account, under your responsibility, all the specific factors concerning your farm, such as soil characteristics, weather conditions, cropping methods, cultivars and their specific resistances. AGRONUTRITION guarantees the quality its products only in their initial packaging over the period indicated on the manufacturer's certificates. They guarantee their conformity to the composition indicated on the packaging and to the regulations currently in force. Precautionary measure brochures are available on request. **To request a MSDS, thank you to contact: infoau@desangosse.com**