# On course for growth with

# Sili-Fert P

Choline stabilized Orthosilicic acid Biostimulant

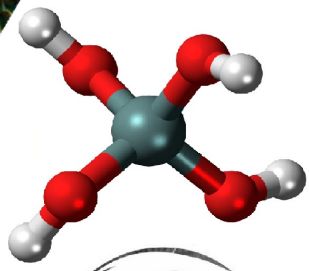
***Strengthens your plant's own resistance to stress and pests in a natural way!***

## What can SILI-FERT P do for you?

- **SILI-FERT P** is a bio-stimulant and helps to increase the natural defense systems of the plant
- **SILI-FERT P** is compatible and effective with any kind of crop or fruit and can be used with any other fertilizer
- **SILI-FERT P** helps to minimize the effects of diseases such as powdery mildew and botrytis, and pests such as Aphids
- **SILI-FERT P** strengthens cell walls and increases the natural defense mechanisms of your plants, fruits and trees


## Benefits

- 100% Bioavailable and 100% soluble nutrient
- Promotes growth, strength, protection and resilience
- Helps against heat – water and frost: abiotic stress
- Increases the yield and the BRIX factor: more profit
- Improves the nutrient transport of the plant (calcium…)
- Improved water management

Best applied as a foliar spray, **SILI-FERT P** is a preventative addition to your sustainable crop growth and protection strategy.

Silicon is the second most common element on earth and necessary for all important functions of an organism

**Severi Technologies**
www.SEVERI.technology

- **SILI-FERT P** improves the **growth** and **resilience** of your plants, fruits, trees…
- **SILI-FERT P** works on **annuals**, **fruit, seeds** and **vegetables**…

Severi Technologies www.liquidsilicium.com

# SILI-FERT P

## Silica-based Plant Supplement / CE Fertilizer / Growth Regulator

**SILI-FERT P** is a **concentrated form of 100% BIOAVAILABLE Liquid Silicium** from **a special Silicate**, which forms **[Si(OH)4]** upon dilution, approved for use on **greenhouses crops** and **domestic** potted **plants**, to alleviate **biotic** (**diseases**) and **abiotic stresses** such as **sunburn**, **frost damage** and **water deficiency**, **chemical toxicity stress** (Cadmium, Manganese, Aluminum…) as well as **Phosphorous deficiency stress**.

**Guaranteed Minimum Analysis**

Bioavailable **OSA** (Ortho Silicic Acid) **[Si(OH)4] :** ..... **2.5%**

**SILI-FERT P can be applied with sprayers or in irrigation systems**

*Dilution:* SILI-FERT P must be diluted in water. (1) Quantity of water depends on the type of spraying or irrigation, on equipment used, on the temperature at time of application, on the stage of plant development etc. (2) The dilution range has to be between 200 and 800 Liters (L) of water for 1 Liter of SILI-FERT P. (3) Fill the tank with clean water and then add SILI-FERT P and mix thoroughly. DO NOT add SILI-FERT P first. (4) Before dilution, all sprayer and/or irrigation equipment must be clean and dry. (5) The final solution should have a pH between 5 and 6 (ideally 5.6). (6) Compatibility tests must be conducted first if any other products are to be used in conjunction with the application of SILI-FERT P.

Dilution rates of SILI-FERT P

| Quantities of **SILI-FERT P** (Milliliter or ml) | 200 ml | 250 ml | 300 ml | 350 ml | 400 ml | Domestic uses: 3 ml (a tea-spoon) |
|---|---|---|---|---|---|---|
| Minimum quantities of water (1 L **Sili-Fert P** for 200 L H2O) | 40L | 50L | 60L | 70L | 80L | 0.60L |
| Maximum quantities of water (1 L **Sili-Fert P** for 800 L H2O) | 160L | 200L | 240L | 280L | 320L | 2.40L |

***Volumes and frequencies***: apply a total average of 2 000 ml (2 L), of **SILI-FERT P** per Hectare (Ha) per season. The dose of **SILI-FERT P** should be between 200 to 400 ml maximum per Ha per application, depending on the application frequency. Some suggested applications, volumes and frequencies per crop are as follows:

| Crop species | Suggested number of applications in a treatment | Suggested frequency: each 7, 10 or 14 days | Suggested applications and volumes | | Total volume of **SILI-FERT P** per season | |
|---|---|---|---|---|---|---|
| | | | Per Hectare (Ha) | Per meter$^2$ ($m_2$) | Per hectare | Per meter$^2$ |
| Lettuce, escarole | 5 | 10 | 5 x 250 ml | 5 x 0.025 ml | 1 250 ml | 0.125 ml |
| Tomato | 10 | 10 | 10 x 250 ml | 10 x 0.025 ml | 2 500 ml | 0.250 ml |
| Pepper, eggplant | 7 | 14 | 7 x 300 ml | 7 x 0.030 ml | 2 100 ml | 0.210 ml |
| Cucumber, zucchini | 6 | 10 | 6 x 300 ml | 6 x 0.030 ml | 1 800 ml | 0.180 ml |
| Melon | 7 | 10 | 7 x 350 ml | 7 x 0.035 ml | 2 450 ml | 0.245 ml |
| Strawberries | 10 | 7 | 10 x 200 ml | 10 x 0.020 ml | 2 000 ml | 0.200 ml |
| Roses | 6 | 7 | 6 x 300 ml | 6 x 0.030 ml | 1 800 ml | 0.180 ml |

Disclaimers: (1) If additional stresses are observed, the frequencies and/or volumes of applications, within the range of 200 to 400 ml maximum per Ha per application, might be increased. (2) Use as directed.

*Other directions:*

(1) Treatment should start at first transplant or first leaves stage, and should terminate around 2 weeks before harvest. (2) The final solution should be applied within 4 hours after dilution, preferably early or late in the day, and above a temperature of 9°C. (3) Wash thoroughly after handling.

(4) Wash hands before eating. (5) Remove contaminated clothing and wash before reuse. (6) Wear appropriate protective eyeglasses or chemical safety goggles. (7) Wear appropriate protective clothing and gloves to prevent skin exposure. (8) Always use an approved respirator when necessary. (9) Keep away from children. (10) Dispose in accordance with federal, provincial and local regulations.

**Storage and Packaging**

**SILI-FERT P** can be kept for 2 years at a 15° and 25°C. temperature | Lot Number:..... Expiry Date:.....

Containers : ☐ 100 ml (**Net Weight = 0.113kg**), ☐ 1 Liter (**Net Weight = 1.13kg**), ☐ 5 Litres (**Net Weight = 5.65kgs**)

**European Fertilizer Registration Number: BP/355**

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