

LANTS

- Foliar application**
- > High assimilation of SULTECH through the stomata because of particle size and crystalline structure.
 - > Promotion of key sulfur-based amino acid synthesis inside the plant:
 - Methionine boosts protein synthesis and plant growth.
 - Cysteine acts as a natural chelator, facilitating nutrient transport and utilization.
 - Enhances the production of glutathione, which protects against oxidative stress and strengthens plant defenses.
 - > Improves the mobility and availability of Nitrogen inside the plant due to the Nitrogen-Sulphur synergy.

Triumphalis



- ✓ Increases fruit size and firmness
- ✓ Enhances fruit set and viability rates
- ✓ Ensures uniform coloration, especially in red fruits
- ✓ Improves Brix levels and organoleptic qualities (flavor, aroma, texture)
- ✓ High content of free amino acids of plant origin, including tryptophan
- ✓ Foliar application for maximum efficacy

Organosul NS



- ✓ Protects the plant against stress, both preventively and as treatment (pre- and post-stress)
- ✓ Improves yields by enhancing assimilation and metabolism through its amino acid combination
- ✓ Increases cysteine synthesis, delivering a strong antioxidant effect
- ✓ Promotes plant recovery and stability through key amino acids (glycine, lysine, and glutamic acid)
- ✓ Foliar application for maximum efficacy, with excellent compatibility with herbicides and fungicides.

Microorganism-based Biostimulants:

Microorganisms that restore soil, strengthen roots and reduce chemical fertilisation

Vitacracin Nitrocracin Pentaxion



- ✓ **Composition:** Wettable powder based on endomycorrhizae (600 spores/g) and rhizobacteria (2×10^8 cfu/g)
- ✓ Increases root surface area, improving water and nutrient uptake
- ✓ Colonises the rhizosphere, blocking pathogenic microorganisms
- ✓ Solubilises phosphorus and micronutrients, enhancing their availability to the plant
- ✓ Direct soil application for maximum efficacy



- ✓ **Composition:** Foliar liquid suspension of Azospirillum brasilense, Pseudomonas putida and Paenibacillus polymyxa (4×10^{11} cfu/g)
- ✓ Fixes atmospheric nitrogen, reducing nitrogen fertilisation by up to 80%
- ✓ Stimulates root growth and the production of phytohormones
- ✓ Improves iron and phosphorus uptake
- ✓ Foliar application for maximum efficacy



- ✓ **pH regulator** with color indicator to obtain a slightly acidic spray solution (< pH 6.5).
- ✓ **Anti-foaming agent** that prevents foam formation in the tank.
- ✓ **Descaling action** that prevents nozzle blockage caused by lime and carbonates.
- ✓ **Wetting and humectant agent** that improves mixture homogeneity and leaf coverage.
- ✓ **Anti-drift effect** that reduces dispersion in medium- and high-pressure applications.

In AFEPA SA we are committed to:

- Environment EMAS and ISO 14001
- Quality ISO 9001
- Occupational Health and Safety ISO 45001
- Sustainability ECOVADIS Gold Medal
- Innovation Innovative SME - CDTI projects



Nutrisul K



- ✓ Enhances potassium absorption and transport through glutamic acid and aspartic acid, which activate membrane pumps
- ✓ Promotes fruit filling and sizing thanks to its high content of sulfur and potassium working in synergy
- ✓ Boosts nutrient assimilation in the aerial parts thanks to alanine
- ✓ Improves cell stability and potassium use efficiency thanks to valine
- ✓ Foliar application for maximum efficacy

Quitusul



- ✓ Restores the soil's natural microbiota and promotes beneficial microbial development through chitin and PGPR
- ✓ Improves soil structure and fertility with humic and fulvic acids
- ✓ High chitin content strengthens the plant's natural defenses and promotes beneficial microorganisms that help reduce the impact of nematodes
- ✓ Optimizes nutrient assimilation and plant recovery through its amino acid combination
- ✓ Exclusive soil application

Sulphur specialists for over 130 years

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Innovation for sustainable agriculture
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SULTECH BIOSTIMU



- Drip irrigation**
- Progressively and continuously lowers soil pH.
 - Eliminates sodium and chlorides, reducing electrical conductivity in the plant's root zones.
 - Releases phosphorus and other micronutrients blocked in the soil, such as iron, zinc, and manganese.
 - Improves soil structure and microbiota thanks to organic exudates.

Microsul



- ✓ Effective solution for soils with severe salinity and alkalinity problems
- ✓ Releases phosphorus and essential micronutrients blocked in the soil
- ✓ Rapidly corrects pH and improves nutrient availability
- ✓ Drip irrigation application, safe for the roots and without washing.

Organosul



- ✓ Improves soil structure and fertility thanks to humic and fulvic acids, which activate microorganisms and facilitate nutrient chelation
- ✓ Corrects moderate salinity and alkalinity problems in soils
- ✓ Promotes a more fertile and productive soil in the medium and long term
- ✓ Reduces soil pH and enhances nutrient availability
- ✓ Drip irrigation application, safe for the roots and without washing.

Organosul KS



- ✓ Optimizes potassium uptake and retention together with betaine action under adverse conditions
- ✓ Protects against salt, water, and heat stress through the osmoprotective action of betaine
- ✓ Improves soil structure and fertility thanks to humic and fulvic acids, which activate microorganisms and facilitate nutrient chelation
- ✓ Drip irrigation application, safe for the roots and without washing.

Rootsul



- ✓ Boosts root development in the early stages of the plant by acting as a micronutrient booster
- ✓ Promotes the formation of root hairs and secondary roots for a greater absorption surface
- ✓ Reduces post-transplant stress thanks to amino acids
- ✓ Enhances phosphorus solubilization, improving its availability for a stronger androot system
- ✓ Drip irrigation application, safe for the roots and without washing.

Plant protection: With sulphur, advanced solutions for different applications

- Dusting (DP)
- Spraying (WG / SC)
- Greenhouse tablets

Azumo 80 WG



- ✓ **Composition:** Sulphur 80% WG
- ✓ Preventive action against powdery mildew and mites
- ✓ Foliar spray application, alone or in mixture with other plant protection products
- ✓ Formulated with **Dislay** technology:
 - **Fast and homogeneous dissolution** with effervescent effect and no foam formation
 - Maximum **protection** and stability thanks to advanced microgranulation
 - **Uniform** and dust-free coverage, without caking or **clogging**




Dislay WG



- ✓ **Composition:** Sulphur 98.5% DP
- ✓ Effective **preventive** fungicide against powdery mildew and eriophyid mites
- ✓ **Optimal coverage** (40–70 µm) for uniform application
- ✓ **Outstanding flowability** and stability
- ✓ **Shock and long-lasting** effect
- ✓ Application with dusting equipment




Micronized sulphur

Sublimated sulphur



- ✓ **Composition:** Sulphur 99.9% DP
- ✓ Obtained by **reverse sublimation**, a process that purifies sulphur
- ✓ Greater **adherence and coverage**, with reduced drift
- ✓ High effectiveness at **low temperatures**, even with reduced doses
- ✓ Effective **preventive** fungicide against powdery mildew and eriophyid mites
- ✓ Application with dusting equipment




Solfoxidante



- ✓ **Composition:** Sulphur 80% DP + Potassium permanganate as adjuvant
- ✓ **Eradicates and cures** powdery mildew thanks to its oxidizing effect on the leaf
- ✓ Protection against solar radiation, due to its **UV filter** formulation
- ✓ Application with dusting equipment




Cooper fertilizers:

Solutions to correct cooper deficiency

Cuprazufre 2/8



- ✓ **Composition:** 95% elemental sulphur + 2.8% copper DP
- ✓ Prevents and corrects **copper and sulphur deficiencies**
- ✓ Sulphur optimises copper **availability and efficacy**
- ✓ Application by dusting on soil or plant




Granulated fertilizers / Soil amendment:

Solid and efficient solutions to restore soil with granulated elemental sulphur

Afesol



- ✓ **Composition:** 90% elemental sulphur + 10% clay
- ✓ Quickly corrects **alkaline and saline soils**, effectively lowering pH
- ✓ Immediate action improving **soil structure and water absorption**
- ✓ Promotes **balanced nutrition** and stimulates **chlorophyll synthesis** from the start
- ✓ Soil application after light tillage




Specialities:

Precise solutions for key crop stages

Mildfos



- ✓ **Composition:** 51% potassium phosphonate SL
- ✓ **Limits pathogen colonisation**
- ✓ Activates the plant's **natural defence mechanisms**
- ✓ Source of highly assimilable **phosphorus and potassium**
- ✓ Foliar application by spraying, alone or in mixture




Solfosil



- ✓ **Composition:** Silicon oxide 10%, potassium oxide 10%, sulfur trioxide 29% SC.
- ✓ Activates secondary metabolism and promotes the natural strengthening of the plant.
- ✓ The combination of sulfur and silicon reinforces the cell wall and hardens the aerial parts of the plant.
- ✓ Sulfur stimulates the synthesis of proteins responsible for cell wall thickness.
- ✓ Foliar or root application.




Samba 80 SC



- ✓ **Composition:** Liquid sulphur 800 g/L (SC)
- ✓ **Preventive** against powdery mildew, mites and septoria
- ✓ Foliar spray application, alone or in mixture with other plant protection products
- ✓ Formulated with **Upflow** technology:
 - Concentrated suspensions with **high stability**, even with the possibility of nanoparticles
 - Extended stability and **shelf life** (up to 2 years without phase separation)
 - **Optimal coverage** on plant surfaces, with no need for added oils




Up Flow SC

Micronized Sulphur Special Sunscreen Effect



- ✓ **Composition:** Sulphur 80% DP + special mineral load
- ✓ **Natural sunscreen effect**
- ✓ Prevents **thermal stress and phytotoxicity**
- ✓ Effective **preventive** fungicide against powdery mildew and eriophyid mites
- ✓ Application with dusting equipment




Micronized Sulphur Special Insect Effect



- ✓ **Composition:** Sulphur 80% DP with special mineral load
- ✓ **Causes lesions** in insects thanks to its mineral load
- ✓ Effective **preventive** fungicide against powdery mildew and eriophyid mites
- ✓ Application with dusting equipment




AFEPASA Greenhouse Sulphur Tablets



- ✓ **Composition:** 99.5% sulphur tablet
- ✓ Facilitates **dosing** in evaporators
- ✓ Controls powdery mildew **without residues or spots**
- ✓ Compatible with **beneficial fauna**
- ✓ Exclusive use in **greenhouses** through evaporators




Scolti Flow



- ✓ **Composition:** 20% elemental sulphur + 20% copper SC
- ✓ Corrects **sulphur and copper deficiencies**
- ✓ Sulphur optimises copper **availability and efficacy**
- ✓ Foliar application by spraying, alone or in mixture




Agrosolfo



- ✓ **Composition:** 99.5% elemental sulphur
- ✓ **Progressive-acting** soil amendment for alkaline and/or saline soils
- ✓ Improves the **availability of phosphorus and microelements** and increases nitrogen use efficiency
- ✓ Promotes **balanced nutrition** and stimulates **chlorophyll synthesis** in a sustained way
- ✓ Soil application after light tillage




Soldefend



- ✓ **Composition:** 25% calcium oxide + 2.5% zinc + 2% natural wax SC
- ✓ Effectively protects against **sunburn** on leaves and fruits
- ✓ Filters UV, visible and IR radiation, **reducing dehydration** and oxidative stress, and **delays ripening**
- ✓ **Lowers** fruit surface temperature by up to 8 °C
- ✓ **Spot free**
- ✓ Foliar spray application, alone or in mixture




K-Systemics



- ✓ **Composition:** 25% potassium oxide + 42.5% sulphur trioxide SL
- ✓ **Transparent** source of potassium, rapidly assimilable and efficient
- ✓ **Improves the availability** of other nutrients in the soil and the plant
- ✓ Foliar or root application




Bronze



- ✓ **Composition:** 54% elemental sulphur + 13% copper WG
- ✓ Prevents and corrects **copper and sulphur deficiencies**
- ✓ Sulphur optimises copper **availability and efficacy**
- ✓ Foliar application by spraying, alone or in mixture




Solfourea Pallares



- ✓ **Composition:** 42% ureic nitrogen coated with elemental sulphur (4%)
- ✓ **Improves phosphorus and microelement uptake**
- ✓ **Higher efficiency** thanks to the **sulphur coating** that reduces losses by leaching and volatilisation
- ✓ Soil application as a long-acting fertiliser




Solfourea Pallares Liquid



- ✓ **Composition:** 15% ureic nitrogen + 15% elemental sulphur + 0.5% boron + 0.1% molybdenum SL
- ✓ **Maximum efficiency:** less nitrogen loss
- ✓ **Immediate foliar response** with high-performance ureic nitrogen
- ✓ Foliar or root application




Magnochel



- ✓ **Composition:** 7.5% magnesium oxide + 14% sulphur trioxide + mix of micronutrients SL
- ✓ **Corrects and prevents** multiple deficiencies of magnesium and micronutrients
- ✓ **Chelating effect** that enhances nutrient availability and uptake
- ✓ Foliar or root application, in various crops


