



Priceless like your work

Product Catalogue





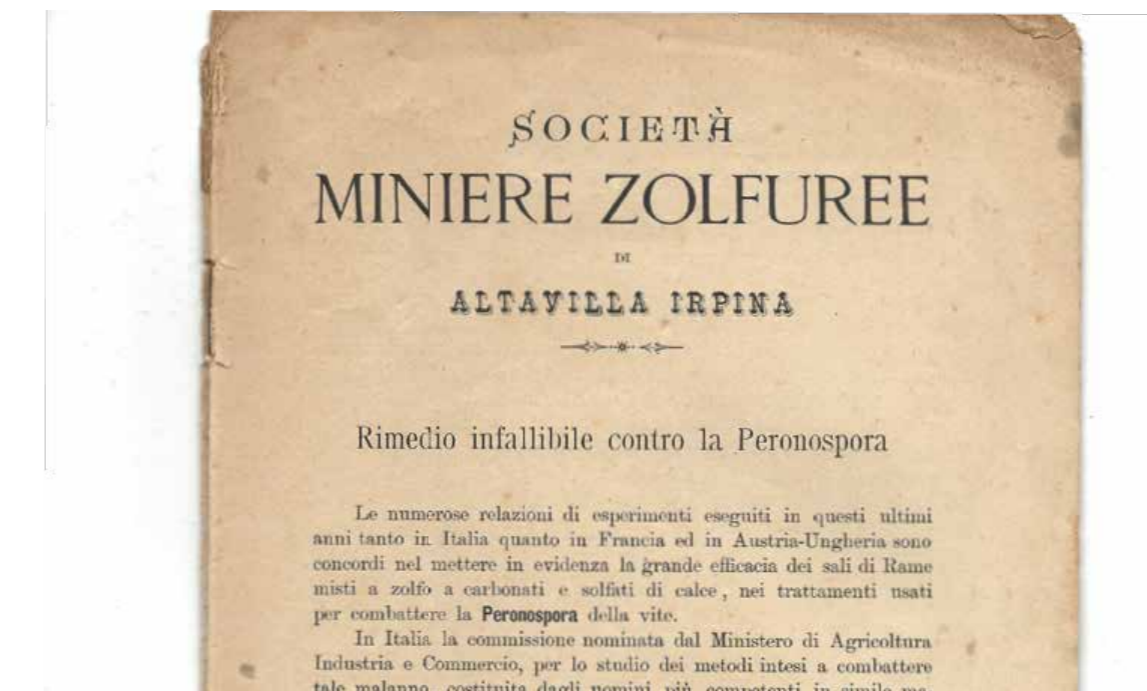
La nostra storia



S.A.I.M. Miniere di Zolfo s.r.l. is a company that, over the years, has been able to renew itself in the name of high-quality products, becoming a reliable partner for many Italian farms.

Production has always taken place at the old mines, in the historical factory in Altavilla Irpina (Av), which today can be visited as an important site of industrial archaeology.

Constant focus on the customer and the ability to respond to any need in a professional and fast manner place S.A.I.M. Miniere di Zolfo s.r.l. among the industry leaders in Italy.



Our Products

SLIDING SULPHURS

Sale only with licence

Plastic sack

25kg	10kg	5kg	B.bag	Footplates
●	●	●	●	(15 q.li)
●			●	(15 q.li)
●			●	(15 q.li)
●			●	(15 q.li)

Double-ventilated flowing sulphur

FLORISTELLA 95%	p.9
MARCA BLEU 98,5%	p.9
RAMATO 3% (Cu 0,50)	p.10
RAMATO 5% (Cu 0,80)	p.11

Sale only with licence

Plastic sack

25kg	10kg	5kg	B.bag	Footplates
●	●	●	●	(15 q.li)
●	●	●	●	(15 q.li)
●	●	●	●	(15 q.li)

F★95 CORRETTIVO DP	p.12
R★3 CORRETTIVO DP (Cu 0,50)	p.13
R★5 CORRETTIVO DP (Cu 0,80)	p.13

Sale only with licence

Plastic sack

25kg	10kg	5kg	B.bag	Footplates
●				(15 q.li)
●				(15 q.li)
●				(15 q.li)

Double-ventilated sulphur sliding low

MINERALE 33 PLUS	p.14
F★50 CORRETTIVO DP	p.15
ZETA-lite (Zolfo + Zeolite Chabasite)	p.16

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FLOW LINE

Sale without licence

Pack

20L	10L	5L	1L	Footplates
●	●	●	●	Vari pesi
	●	●	●	Footplates (5 q.li) (6 q.li)
	●	●	●	(5q.li) (6 q.li)

Leaf application

SAIM FLOW	p.20/21
VentiDieci (S+Cu)	p.22
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ZolfoLiquido40 (S40%)	p.23
ZolfoLiquido40 (S40%)	p.23

WETTABLE SULPHUR

Sale without licence

Aluminised sack

10kg	5kg	1kg	Footplates
●	●	●	Vari pesi

Wettable sulphur 80% with kaolin

FERTIL - S - 80	p.26
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Aluminised sack

10kg	5kg	1kg	Footplates
●	●	●	Vari pesi

Wettable sulphur 60% with chabasite zeolite

ZETA-LITE BAGNABILE	p.27
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PELLET FERTILISERS

Plastic sack

25kg	B.bag	Footplates
●	●	(15 q.li)
●	●	(15 q.li)
●	●	(15 q.li)

With selected organic matrices

BIOSAIM CONCIME NP + ZOLFO E FERRO	p.30
BIOSAIM CONCIME NP SPECIALE	p.31
BIOSAIM CORRETTIVO 50% ZOLFO	p.32



MINERAL CORRECTIVES

Sale without licence

Plastic sack

25kg	B.bag	Footplates
●	●	(15 q.li)
●	●	(15 q.li)
●	●	(15 q.li)

Soil correctives

Zolfo elementare SEMOLATO	p.34
Zolfo elementare LENTICCHIATO	p.34
GESSO AGRICOLO	p.35

COPPER FERTILISERS

Sale without licence

Plastic sack

10kg	5kg	1kg	Footplates
●	●	●	(15 q.li)
	●		(15 q.li)
		●	(7 q.li)

Solfato di Rame Granulare 98/99	p.39
ConciRame50	p.38
ConciRame50	p.38

OTHER SULPHURS

Plastic sack

25kg	B.bag	Footplates
●	●	(15 q.li)

Pyrotechnics / fertilisers / industrial processing / animal husbandry

MARCA ROSSA 99/100%	p.42
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01 Sliding Sulphurs



Our Products - **Sliding Sulphurs**



COMPOSITION

100 g of product contain:

	Floristella	Marca Bleu
Pure Sulphur	95 g	98,5 g
Kaolin	100 g	100 g

FLORISTELLA 95% / MARCA BLEU 98,5%

Sulphur S.A.I.M. Double ventilated - Sliding 95%/98,5%

CHARACTERISTICS

Dry powder fungicide for the control of powdery mildew in grapevines, fruit and horticultural crops.

The product also controls vine Eriophid mites (eriosis and acariosis), eriophid of the hazel, eriophid rust of tomatoes, pome fruit scab stone fruit rust.

FIELD OF APPLICATION

Grapevine, pome fruit (apple, pear, quince, medlar), stone fruit (peach, nectarine, apricot, cherry, plum), almond, hazelnut, vegetables (tomato, aubergine, pepper, melon, watermelon, courgette, cucumber, pumpkin) in open field and protected crops.

APPLICATION RATES

25 Kg/ha.

METHODS AND TIMES OF USE

The product is used with mechanical or manual dusters. During application, make sure that the cloud covers the vegetation uniformly.

Carry out preventive treatments at the onset of climatic conditions favourable to the development of the disease, repeating them at 5-7 day intervals until proximity of the harvest.

Carry out treatments during the cooler hours of the day.

COMPATIBILITY

The product is used alone. It must be distributed at least three weeks after the use of mineral oils and Captan.



COMPOSITION

100 g of product contain:

	3%	5%
Pure sulphur free of selenium	97 g	95 g
Copper metal (in oxychloride form)	0,5 g	0,8 g
Kaolin q.b.a	100 g	100 g

RAMATO 3% - 5%

S.A.I.M. SULPHUR REFINED DOUBLE VENTILATED

CHARACTERISTICS

Sulphur and copper oxychloride based dry powder fungicide

FIELDS OF USE

Table and wine grapes, Stone fruit (peach, apricot, cherry and plum), only pre-blossom applications only, Pome fruit (apple, pear, quince, medlar) in open field, Solanaceae (tomato, aubergine), open field and protected crop, Cucurbits with edible and non-edible skin in an open field.

CONTROLLED ADVERSITIES

Powdery mildew, grapevine downy mildew.

It also has an effect on: Grapevine erinosis and Acariosis on table grapes; Punctuation of pome fruit, Rust of stone fruit, Rusty mildew of tomato.

DOSES, METHODS OF USE AND ACTION

Carry out a maximum of 8 applications at a dose of 25 kg/ha at minimum intervals of 5 days.

The product is used with re-gulping mechanical sprayers.

During application, ensure that the cloud covers the vegetation covering it evenly.

Start applications as soon as the weather conditions favourable to the development of the disease, continuing until the pre-harvest interval.

COMPATIBILITY

The product is not compatible with alkaline pesticides (polysulphides, Bordeaux mixture, etc.). It must be applied at an interval of at least three weeks after use of the mineral oils and Captane. Compatible with general dry powder products.

WARNING

In the case of mixing with other formulations, the longest deficiency period must be observed. The precautionary rules prescribed for the most toxic products must also be observed. In the event of intoxication, inform the doctor of the mixing carried out.

PHYTOTOXICITY

Do not treat during flowering. Do not treat during the hottest hours of the day. Avoid treatments at temperatures above 30°C.

Suspend treatments 5 days before harvest on tomato, aubergine, melon, watermelon, courgette cucumber, gherkin, pumpkin; 21 days on grapevine, pome fruit and stone fruit.





F★95 CORRETTIVO DP
FLOWABLE SULPHUR 95%

CHARACTERISTICS

Ideal for mineral sulphur inputs in organic farming. Effective corrective in soils characterised by a medium to strong alkaline reaction (pH). Powerful releasing effect on iron that improves its absorption by the plants. Presence of kaolin, a valuable clay belonging to the fillosilicate group, which acts by stimulating the plant to activate a complex response of induction of resistance to biotic agents. Moreover, when absorbed, it is translocated under the epidermis of the leaves, creating an inhospitable environment for fungal pathogens and phytophages. Its action is also expressed in increasing the fruit's resistance to thermal stress. Sulphur, as a constituent of sulphur amino acids, contributes to increase the quality and durability of fruits and the protein content of cereals.

RECOMMENDATIONS FOR USE

Do not apply by aerial means. Avoid contaminating food and drink or water courses. Operate in the absence of wind. Do not sell loose. Dispose of packaging in accordance with current regulations. The completely emptied container must not be dispersed in the environment. The container cannot be reused.

APPLICATION RATES

25 Kg/ha.

COMPOSITION

Elemental sulphur	95 g
Kaolin	5%



R★3/R★5 CORRETTIVO DP
SLIDING SULPHUR SAIM COPPER

CHARACTERISTICS

Ideal for mineral sulphur and copper supplements. Effective corrective in soils characterised by a medium to strong alkaline reaction (pH). Powerful releasing effect on iron which improves its absorption by plants.

RECOMMENDATIONS FOR USE

Carry out treatments during the coolest hours of the day. Do not apply by aerial means. Avoid contaminating food and drink or water courses.

APPLICATION DOSES

25 Kg/ha.

RECOMMENDED IN CROPS OF

Grapevines, Pome fruit (apple, pear, quince, medlar), Stone fruit (peach, nectarine, apricot, cherry, plum), Vegetables (tomato, aubergine, pepper, melon, watermelon, courgette, cucumber, gherkin, pumpkin).

SAIM SULPHUR R3/R5 is a dry powder fertiliser based on Sulphur (SO3 = 245%) with added copper.

It is used in alkaline soil correction treatments and foliar fertilisation. It nourishes sulphur- and copper-deficient plants, creating an environment that is more resistant to attacks by powdery mildew and downy mildew, eriophid mites and moulds.

COMPOSIZIONE

	R3	R5
Selenium-free elemental sulphur	98%	98%
Copper from oxychloride	0,5%	0,8%



S.A.I.M MINERALE 33 PLUS
SOLID BLEND OF TRACE ELEMENTS

CHARACTERISTICS

The synergy between the highly functional sulphur and the valuable trace elements makes MINERALE 33 PLUS a unique product for plant nutrition. Indeed, MINERALE PLUS 33 activates the plant's fine metabolism thanks to the powerful cofactorial and enzymatic activity of the trace elements. Iron, as a constituent of chlorophyll, makes biosynthetic processes efficient, Zinc and Manganese reduce oxidative stress induced by biotic and abiotic agents, promoting the activation of all metabolic pathways. Added to all this is SULPHUR which, besides being an important nutrient, induces in the plant a resistance response to stress of various kinds, contributing to making the cellular environment highly oxidative and capable of counteracting the deleterious effects of attacks by fungal and bacterial pathogens.

FIELDS OF APPLICATION

Grapevine, hazelnut, cereals, beet, potatoes and other vegetables. Grain legumes, sunflower, alfalfa, clover and field beans. Rape, cabbage, onion, garlic, turnip, radish and celery.

APPLICATION RATES

70 kg/ha

METHOD OF USE

The product should be used alone. It must be distributed at least three weeks after the use of mineral oils and Captan. Carry out a maximum of 8 treatments per year.

COMPOSITION

Sulphur	33%
IRON (Fe) soluble in water	2%
MANGANESE (Mn) soluble in water	1,50%
ZINC (Zn) soluble in water	1,50%



F★50 CORRETTIVO DP
FLOWABLE SULPHUR 50%

CHARACTERISTICS

S.A.I.M. F50 is a powerful foliar conditioner in dry powder form with a fine grain size. It is ideal for supplying sulphur to the phyllosphere even under organic farming regimes. It is an effective ally in creating an inhospitable environment for stress agents such as powdery mildew and other moulds because it dries out the moisture in the vegetation. Being composed of mineral sulphur S.A.I.M. F50 does not alter the natural biodynamic balance of the system. The presence of calcium carbonate acts by stimulating the plant to activate a complex response of inducing resistance to biotic agents. Thanks to the fineness of the particles, the product spreads easily over the vegetation and is already active at temperatures of 12-15°C. The sulphur absorbed by plants is an important constituent of sulphur amino acids that increase the quality and shelf-life of fruits and the protein content of cereals.

FIELDS OF APPLICATION

Grapevine, stone, cereals, beet, potatoes and other vegetables; Leguminous crops, sunflower, alfalfa, clover and field beans; rapeseed, cabbage, onion, garlic, turnip, radish and celery.

METHOD OF USE

The product should be used with the aid of dusters suitable for the purpose. Due to the fine grain size, application is recommended during cooler hours and on windless days.

APPLICATION DOSES

45-65 kg/ha

COMPOSITION

Elemental Sulphur	50%
Calcium Carbonate	50%



ZETA LITE

VARIOUS CORRECTIVES - SULPHUR FOR AGRICULTURAL USE

ENHANCER OF NATURAL PLANT DEFENCES WITH SAIM SULPHUR AND 100% NATURAL ZEOLITES

ZETA-lite is SAIM's new formulation composed of very fine SAIM mineral sulphur and pure natural Chabasite zeolite. Chabasite zeolite: a sedimentary mineral of volcanic origin characterised by a morphological crystal structure and a large number of macropores (zeolitic cavities), which give this rock a very high capacity to absorb liquids.

Sulphur: has a synergic action with zeolites, whose dehumidifying action enhances the vegetation, creating an inhospitable environment for moulds and bacteria. Its action is also expressed with a strong resistance-inducing activity that increases the plants' natural endogenous defences. Thanks to its chemical-physical properties and high degree of fineness, SAIM's ZETA-lite creates a protective barrier that hinders the activity of harmful insects, reduces the ability of fungal hyphae to establish in the tissue, dries the vegetation and heals any wounds very quickly, thus helping to eliminate further favourable conditions for fungal and mould growth.

ZETA-lite's balanced mix of Zeolite and Sulphur is obtained through an exclusively mechanical process that subjects the Zeolite rocks and Sulphur rock to a triple grinding process. This system makes it possible to obtain an extremely fine and pure product that guarantees the perfect functioning of the dusting machines and a perfect dispersion of the product on the vegetation.

The presence of Chabasite Zeolite in the mixture guarantees a significant reduction of the characteristic sulphur odour.

COMPOSITION

Sulphur	60%
Chabasite zeolite	40%

CULTIVATION

Dose/ha

All crops	25kg
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NOTES

The action of ZETA-lite SAIM is exclusively physicommechanical and therefore does not interfere with the normal physiological activity of the plant. Being completely natural substances, they can be used safely up to harvest. Uniform coverage of the vegetation is recommended, avoiding excesses of the product. Ideal for improving the cation exchange capacity of soils by maximising fertiliser efficiency.

Ideal for sulphur and zeolite inputs in organic farming. Effectively corrects soils with an alkaline (pH) reaction.

Powerful iron releasing effect that improves iron uptake by plants. Mixed with Chabasite, it creates a protective barrier on plant tissues naturally increasing their endogenous resistance and acts as a repellent for phyllophagous and phyllominating insects.

It keeps foliar wetting low, reducing the risk of sporulation of pathogenic fungi. Sulphur, as a constituent of sulphur amino acids, contributes to increasing the quality, fruit durability and protein content of cereals.





02 Flow Line



COMPOSITION

Total Nitrogen (N)	1,50%
Organic Nitrogen (N)	1,50%
Organic Carbon (C)	10%
Organic substance <small>(with nominal molecular weight <50kDa)</small>	35%
Total Sulphur (S)	31%

SAIM FLOW

RESISTANCE INDUCER AND PHYSIOLOGICAL ACTIVATOR WITH YEAST EXTRACTS AND BROWN ALGAE

SAIM FLOW is an exceptional nutrient product that gives the plant an boost for the resumption of vegetative activity and to even out this phenological phase and the following ones.

The special feature of SAIM FLOW lies in its rich composition of algae extracts and sulphur, which is present in organic and mineral form and has numerous positive effects on the plant. SAIM FLOW, thanks to the extracts of yeast and 3 brown algae (Aschophyllum, Fucus and Laminaria) and sulphur with a high functional profile, acts synergistically on the plant thanks to:

Betaine and polyamines: directly involved in osmotic stress resistance mechanisms because they increase resistance to dehydration and low temperatures;

Free amino acids: natural energisers, nutritive action and catalyser of numerous metabolic pathways. They act as protein carriers to improve the absorption of nutrients and administered active substances.

Natural phytohormones: auxins, cytokinins and giberellins promote rooting and cell growth, increase the efficiency of photosynthetic pigments providing excellent production performance; promote the development of side shoots and flower differentiation.

Minerals and micronutrients: fundamental for preventing deficiencies and physiopathologies, they improve the consistency and durability of the fruit even post-harvest, they activate and catalyse numerous physiological processes in the plant contributing to its general wellbeing and vigour.

Sulphur: enters into the structure of sulphur amino acids, reducing oxidative stresses in cells, and enters into the structure of glutathione, a peptide directly involved in the interruption of dormancy; its action induces the plant to react more vigorously to attacks by the most common harmful pathogens, thanks to the endogenous resistance systems.

BEFORE VEGETATIVE AWAKENING

It induces a rapid and uniform vegetative reawakening of the plant by anticipating and uniforming flowering and fruit development, allowing a marked advance in commercial harvesting.

This is because SAIM FLOW promotes a rapid and effective organification of nitrogen needed for the growth of new shoots and catalyses the degradation of winter reserves by improving their utilisation in the actively growing plant tissues.

AFTER FLOWERING

It directly affects the final quality of production and improves the plant's endogenous resistance to stress factors. Its adhesive nature makes it resistant to washout and gives it an optimal ability to distribute itself on surfaces, prolonging the ability of sulphur, in synergy with the betaines and polyamines, to increase the plant's natural resistance to different types of adversity.

SAIM FLOW, thanks to its fluidity, easily penetrates into wood crevices and is evenly distributed over the entire surface of the vegetation.

RECOMMENDATIONS FOR USE

For optimum efficiency of action of SAIMFLOW, in the phenological phase 'browning' we recommend irrigation volumes of 1000 l/ha, except on grapevines where the recommended volume is 500 l/ha. In the presence of vegetation, the volume of water can be increased up to 1500 - 2000 l/ha taking care to water the foliage uniformly and respecting the doses. The above doses have indicative value and may vary in relation to the soil and climate characteristics of each area.

WARNINGS

Do not mix with copper salts, mineral oils, captan, nitrate-containing products, chlorinated products, with oxidising agents and with all products that are not normally miscible with sulphur, except before vegetative awakening.

Avoid administering SAIM FLOW after treatments with mineral oils. In the case of mixing with other products it is advisable to carry out preventive miscibility and compatibility tests on a limited number of plants.

Before use, it should be thoroughly shaken in order to mix the various components of the suspension. Pour into the barrel with an active stirrer. Store at temperatures between 15 and 30°C. We recommend applying the product using a volume of water of 1000 l.

COMPOSITION

Application period

Dose

Grapes Olives Arboreal	Before vegetative restart	250-400 ml/hl
	During the entire growth cycle	250-400 ml/hl
Horticultural	During the entire growth cycle	250-400 ml/hl
Ornamentals and flowers	During all phases of major stress	250-400 ml/hl
Cereals	At harvest	4-10 l/ha



SAIM VENTIDIECI FLOW

SULPHUR AND COPPER SUSPENSION FERTILISER WITH MANGANESE.

VentiDieci S.A.I.M. is a sulphur and copper-based liquid fertiliser in suspension. The innovative formulation characteristics allow the product to be used at reduced doses and enhance its activity and effectiveness. Soluble Manganese effectively exerts its action as an enzyme cofactor in the reduction of oxidative stress.

VentiDieci S.A.I.M. has an effective and fast preventing action against sulphur deficiency, an essential element for protein synthesis in horticultural, fruit and industrial crops.

Copper is essential for chlorophyll synthesis. The synergy of the two elements brings considerable improvements to the crop and creates an ideal environment for increasing the plant's natural resistance to stress factors.

VentiDieci S.A.I.M. should only be applied in cases of recognised need. It is advisable to avoid application during the flowering phase.

VentiDieci S.A.I.M. is suitable for application in crops subject to biotic and abiotic stress due to its ability to stimulate the plant's natural endogenous resistance.

COMPOSITION

Elemental sulphur (S)	20%
Copper (Cu) total	10%
Manganese (Mn) soluble in water	0,5%

Crop	Application	Dose
Vegetables (including fennel) Strawberry and Ornamentals	Leaf application	500-700 g/hl
Industrial and cereal crops	Leaf application	500-700 ml/hl
Tree crops: Pome fruit, Stone fruit	Leaf application	500-800 ml/hl
Olive, Wine Vine and Table Grapes	Leaf application	500-700 ml/hl



ZOLFOLIQUIDO40

SULPHUR SUSPENSION IN WATER - S (40)

ZolfoLiquido 40 S.A.I.M. thanks to its special formulation, it induces optimal Sulphur action at a physiological level, especially in the biosynthesis of enzymes and vitamins, as well as in the absorption of Nitrogen and Phosphorus. It provides the Sulphur necessary for protein formation as the basic constituent of two amino acids: cysteine and methionine. Adequate supplies of this nutrient help increase the synthesis of aromatic compounds in the fruit, improve the quality and protein content of cereal crops and prolong the shelf-life of products in the delicate post-harvest phase.

Thanks to the extremely fine size of its particles, it is rapidly translocated into the plant's preferential sinks, helping to make the cellular environment highly oxidative and capable of counteracting the deleterious effects of fungal and bacterial pathogens. ZolfoLiquido 40 S.A.I.M. is suitable for application in crops subject to biotic and abiotic stresses thanks to its ability to stimulate the plant's natural endogenous resistance.

RECOMMENDATIONS FOR USE

Do not mix with products with an alkaline reaction.

Carry out compatibility tests on a limited number of plants before mixing treatments with fertilisers and plant protection products.

COMPOSITION

Total Sulphur (S)	40%
Kaolin	10%

Crop	Application	Dose
All crop	Leaves Application	300-500 ml/hl



03 **Wettable Sulphur**



S.A.I.M FERTIL-S-80

VARIOUS CORRECTIVES - SULPHUR FOR AGRICULTURAL USE. ENHANCER OF NATURAL PLANT DEFENCES. SAIM SULPHUR (80%) AND QUARRY KAOLIN (20%)

CHARACTERISTICS

Fertil-S-80 S.A.I.M. is characterised by being an extremely ductile and versatile product thanks to the special sulphur-caolin blend, designed to provide an ideal ally in the agronomic management of greenhouse and open-field crops to improve quality and yield. Thanks to the synergic action between sulphur and kaolin, a valuable clay belonging to the phyllosilicate group, FERTIL-S-80 acts by stimulating the plant to activate a complex induction response to biotic agents.

Furthermore, Kaolin, when absorbed, is translocated under the epidermis of the leaves, creating an inhospitable environment for fungal pathogens and phytophages.

Its action is also expressed in increasing the fruit's resistance to thermal stress. Sulphur, as a constituent of sulphur amino acids, contributes to increasing the quality and durability of fruits and the protein content of cereals. It improves the efficacy of phosphate, potassic and nitrogenous chemical fertilisers and promotes uniformity of spreading.

FIELDS OF APPLICATION

Vine, cherry, olive, kiwi and fruit trees in general. It is also widely used in industrial crops, mushroom farms and protected horticultural and floricultural crops.

METHODS OF USE

Fertil-S-80 from S.A.I.M. should only be applied in cases of recognised need. The product is suitable for application in crops subject to biotic and abiotic stresses due to its ability to stimulate the natural endogenous resistance of plants.

COMPATIBILITY

Treatment should be spaced at least three weeks apart from treatment with mineral oils and captan.

CAUTION

Do not mix with products with an alkaline reaction. Carry out compatibility tests on a limited number of plants before mixing treatments with fertilisers and pesticides.

Maintenance fertilisation

Crop	Dose
Fruit growing (citrus, stone fruit, pome fruit, strawberry, hazelnut, olive)	250-450 g/hl
Viticulture	250-350 g/hl



ZETA-LITE BAGNABILE

VARIOUS CORRECTIVES - SULPHUR FOR AGRICULTURAL USE ENHANCER OF NATURAL PLANT DEFENCES SAIM SULPHUR (60 %) AND NATURAL ZEOLITES (40 %) WITH CHABASITE PREDOMINANCE

CHARACTERISTICS

ZETA-LITE BAGNABILE was developed to meet producers' need for a wettable, modern, effective and versatile product. The formulation with SAIM Fine Sulphur combined with the power of Chabasite Zeolite makes it an excellent ally in the agronomic management of the most important agricultural crops.

Zeolite, thanks to its structure rich in macropores, absorbs large quantities of moisture, keeping the vegetation dry and creating an inhospitable environment for fungi and phytopathogenic bacteria. Sulphur: has an excellent synergy with the properties of zeolites, enhancing their dehumidifying action; it also generates a vigorous induction of resistance that increases the plants' natural endogenous defences. Thanks to its chemical-physical properties and high degree of fineness, SAIM's ZETA-LITE BAGNABILE creates a protective barrier that inhibits the activity of pests, reduces the ability of fungal hyphae to settle in the tissues, dries the vegetation and heals any wounds very quickly, thus helping to eliminate further conditions favourable to the development of fungi and moulds. ZETA-LITE's well-balanced mix of Zeolite and Sulphur is obtained through purely mechanical processing that subjects the Zeolite rocks and Sulphur mineral to a triple grinding process, resulting in an extremely fine and pure product that guarantees the perfect operation of the most common spraying machines and optimal dispersion of the product on the vegetation. The presence of Zeolite in the mixture provides an important reduction in the characteristic sulphur odour.

NOTES

The action of ZETA-LITE BAGNABILE is exclusively physical-mechanical and therefore does not interfere with the normal physiological activity of the plant. Being completely natural substances, they can be used safely up to harvest. We recommend uniform coverage of the vegetation, avoiding excesses of product.

Dosage and method of use

Crop	Dose for application	Number of applications and application periods
Extensive crops	2-3 Kg/ha	1-2 Treatments
Horticultural crops	400-600 g/hl	3-4 Applications
Fruit crops	400-600 g/hl	2-3 Treatments
Greenhouse crops	400-600 g/hl	4-5 Treatments
Citrus and oil	800-1000 g/hl max. 10kg/hl	1-3 Treatments



04 Pellet Fertilisers



CONCIME NP (3-3) + ZOLFO E FERRO

PELLET 3,5 mm

ORGANIC FERTILIZER NP CONTAINS SULPHUR AND HUMIC ACIDS

BIOSAIM CONCIME NP is an organic fertiliser with a high sulphur content, specifically designed to correct alkaline and sodic soils and improve quantitative yields and the final quality of production.

BIOSAIM CONCIME NP is a formulation that meets a dual need: soil conditioner and soil correction.

The humic fractions play an important structuring role in soils by increasing nutrient availability and improving water reserve capacity. The sulphur particles brought in, thanks to sulphur-oxidising bacteria, are transformed into sulphur dioxide, which acts positively by lowering the pH, leading to the release of important nutrients. In fact, its action facilitates the assimilation of Phosphorus, Potassium and some valuable micronutrients locked up in the soil, including Iron and Calcium, also reducing the phenomenon of chlorosis.

In alkaline soils, it facilitates the removal of salts from colloids and their subsequent leaching.

BIOSAIM CONCIME NP brings valuable, highly humified organic matter to the soil and promotes the synthesis of proteins, vitamins and aromatic compounds.

Thanks to the organic matter present, the high degree of humification, free amino acids, polysaccharides and enzymes, it is able to ensure complete, gradual and unabated nutrition. It improves the organoleptic qualities and shelf life of the final product.

RAW MATERIALS

Meat meal, bone meal, cakes, dried poultry manure, dried cattle manure, sulphur elementary sulphur, calcium sulphate (gypsum), dried blood

**PRODUCED FROM SULPHUR AND SOIL IMPROVERS AND/OR CLAYS
"PERMITTED IN ORGANIC FARMING".**

**ALSO AVAILABLE SPECIAL BIO SAIM, WITH THE SAME FORMULATION
BUT WITHOUT IRON.**

DOSES AND METHOD OF APPLICATION:

Arboreal crops

Walnut, Hazelnut	Q.li/ha	6 - 8
Wine Grapes and Table Grapes	Q.li/ha	6 - 8
Almond tree, Apple tree	Q.li/ha	8 - 10
Actinidia, Cherry	Q.li/ha	8 - 10
Orange, Lemon	Q.li/ha	8 - 10
Pear, Peach, Olive, Plum	Q.li/ha	8 - 10
Apricot, Mandarin	Q.li/ha	9-11

Field Crops

Chickpea, Fava, Pea, Soybean	Q.li/ha	4 - 6
Alfalfa, Bean, Clover	Q.li/ha	4 - 6
Rice, Oats, Sunflower	Q.li/ha	4 - 6
Rye, Barley	Q.li/ha	4 - 6
Durum Wheat, Triticale	Q.li/ha	3 - 4
Common Wheat, Lupine	Q.li/ha	3 - 4
Beet, Chard	Q.li/ha	4 - 6
Rape, Loiazza, Sorghum, Tobacco	Q.li/ha	5 - 7
Grain Maize, Waxy Maize	Q.li/ha	5 - 7
Blueberry	Q.li/ha	4 - 6

Vegetable Crops

Tomato, Aubergine	Q.li/ha	9 - 10
Pepper, Cucumber	Q.li/ha	8 - 10
Cabbage, Fennel, Salad	Q.li/ha	8 - 10
Radichio, Celery, Courgette	Q.li/ha	6 - 8
Basil, Carrot	Q.li/ha	6 - 8
Artichoke, Strawberry	Q.li/ha	8 - 10
Cabbage, Onion, Garlic	Q.li/ha	6 - 8
Endive, Spinach, Potato	Q.li/ha	7 - 9
Watermelon, Melon	Q.li/ha	8 - 10
Pumpkin, Asparagus	Q.li/ha	8 - 10
Parsley, Leek	Q.li/ha	8 - 10

Ornamental Crops

Lisianthus, Chrysanthemum, Gerbera	Q.li/ha	8 - 10
Wallflower, Lion Mouth	Q.li/ha	7 - 8
Carnation, Rose, Calla lily, Aralia	Q.li/ha	7 - 8
Narcissus, Tulip, Ranunculus Freesia	Q.li/ha	7 - 8
Gladiolus Tropical Crops	Q.li/ha	8 - 10
Cut Ornamental Foliage	Q.li/ha	8 - 10
Cut Flower Crops	Q.li/ha	8 - 10
Ornamental Green Crops / Pots (Pot diameter 20 cm)	Q.li/ha	3-10 g
Flowering Crops In Pot / Vase (Pot diameter 20 cm)	Q.li/ha	3-5 g

COMPOSITION

Total nitrogen (N)	3%
Organic nitrogen (N)	3%
Total phosphoric anhydride (P2O5)	3%
Total Calcium Oxide (CaO)	8%
Total sulphuric anhydride (SO3)	30%
Organic substance	30%
Organic carbon (C)	15%
Iron	1%





BIOSAIM CORRETTIVO 50% ZOLFO

DIFFERENT CORRECTIVE - SULPHUR (S) FOR AGRICULTURAL USE

BIOSAIM CORRETTIVO 50% ZOLFO is a special formulation with a high sulphur content, specially designed to correct alkaline and sodic soils and improve yields and final quality of production. Sulphur particles, brought in with the treatment, are transformed by bacteria into sulphuric acid, which positively affects on lowering the pH with the consequence of facilitating the assimilability of phosphorus, potassium and some valuable micronutrients locked in the soil; this also makes it effective against problems arising from chlorosis. In clay soils it breaks up clods by facilitating water permeability. It contributes to increasing the soil's nutritional reserves and promotes the formation of two essential amino acids, Cystine and Methionine, which are necessary for the synthesis of proteins on which the nutritional value of agricultural products depends; it also promotes the synthesis of vitamins and aromatic compounds.

Indeed, BIOSAIM CORRETTIVO 50% ZOLFO also results in an enrichment of the soil with highly humified organic matter promoted by the intense microbial activity connected.

BIOSAIM CORRETTIVO 50% ZOLFO is to be evenly distributed on the soil before sowing or transplanting, the application doses depend on the chemical-physical characteristics of the soil (pH of the starting soil, texture, cultivation needs, climatic conditions) and on the application purpose (corrective and/or nutritional functions).

COMPOSITION

Raw Materials	Elemental Sulphur
Total Sulphur (S)	50%
Organic Matrix	50%
Total moisture	10/12
pH 7,6 - 7,7	sol.6%

CORRECTIVE FUNCTION

Crops	Application Period	Dose Kg/ha
Extensive Fruit crops Horticultural	Corrective Action in Alkaline and/or Sodic Soils: During soil preparation (extensive - horticultural) or in autumn (orchard)	400-500
	Maintenance application in Alkaline and/or Sodic Soils	150-300



05 Mineral Correctives



COMPOSITION

Elemental Sulphur	S totale 99%
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ZOLFO ELEMENTARE GRANULATED / LENTILATED

SIMPLE SOLID INORGANIC FERTILISER BASED ON MACROELEMENTS - PFC 1 (C) (I) (A) (I)

USES

As an alkaline corrector:

Attenuates the alkaline reaction of soils with a high pH value (clay-limestone soils).

As an alkaline corrector:

Directly feeds the soil. Promotes nitrification and activates nitrogen metabolism. Increases productivity and quality per hectare.

Combats chlorosis (yellowing of leaves, small plants). The plants that benefit most from the beneficial action of sulphur are: wheat, maize, oats, barley, rye, cabbage, turnip, rapeseed, beet, tobacco, potato, tomato, vine, oil, citrus fruit, kiwi. It is also widely used in industrialised crops (mushrooms) and early crops (greenhouses).

As an alkaline corrector:

Improves the efficacy of phosphatic, potassic and nitrogenous chemical fertilisers and promotes uniformity of spreading.

STORAGE

Indefinitely and protected from humidity.

COMPOSITION

QUANTITY OF SULPHUR KG/HA/ YEAR	CROPS THAT SYNTHESISE LITTLE PROTEIN	CROPS THAT SYNTHESISE A LOT OF PROTEIN	CULTURES THAT SYNTHESISE MANY PROTEINS SULPHUR COMPOUNDS
	WHEAT, BARLEY, POTATOES, CORN, SUGAR BEET	ALFALFA, CLOVER, FIELD BEAN, PEA, FORAGE CROPS, SUNFLOWER, SOYBEAN	RAPSEED, CABBAGE, GARLIC, ONION, TURNIP, RADISH, CHICORY, CELERY
MAINTENANCE FERTILISATION	300/500 KG	600/800 KG	800/1000 KG
CORRECTION FERTILISATION	600/800 KG	800/1000 KG	1000/1200 KG



COMPOSITION

Calcium oxide (CaO)	28,5%
Sulphur dioxide (SO3)	39,9%

RECOMMENDED AMOUNTS OF CALCIUM SULPHATE PER CROP TYPE

Cultivation	Amount of chalk
Herbaceous crops: legumes, alfalfa, wheat, grain, etc.	1500 Kg/ha
Woody crops: vines, olive groves, orchards, kiwi, citrus groves.	2000 Kg/ha

GESSO AGRICOLO

USES

As an alkaline corrector:

Mitigates the alkaline reaction of soils with a high pH value (clay-limestone soils).

As a fertiliser:

Directly feeds the soil because it enriches it with calcium. Promotes nitrification and activates the functions of microbes on leguminous plants.

It favours the dissolution of potash, an indispensable source of plant nutrition. Fixes ammonia. The plants that benefit most from the beneficial action of chalk are: wheat, maize, oats, barley, rye, cabbage, turnip, rapeseed, beet, tobacco, potato, tomato, vine, oil, citrus fruit, kiwi. It is also widely used in industrialised crops (mushrooms) and early crops (greenhouses).

As a corrective and supplement to chemical and natural fertilisers:

It improves the efficacy of phosphatic, potassic and nitrogenous chemical fertilisers and promotes uniformity of spreading.

As a stable purifier:

Prevents the development of carbon dioxide, which has a pungent, penetrating odour, helping to protect animal health. It destroys germs of infectious livestock diseases such as foot-and-mouth disease.

STORAGE

indefinitely and protected from humidity.



06 Copper Fertilisers



COMPOSITION

Total copper (Cu)	48%
Crops	KG/HA
Horticulture, strawberry and fennel	kg 1,8 - 2,2
Ornamentals	kg 1,8 - 2,2
Industrial, Cereals	kg 1,0 - 1,4
Pome & stone fruit Wine grapes and table grapes	kg 1,4 - 1,8
Olive	mg 1,6 - 2,2
Wine grapes and table grapes	kg 1,4 - 1,8

S.A.I.M. CONCIRAME 50

COPPER OXYCHLORIDE 48%

CHARACTERISTICS

ConciRame 50 is a formulation that can be used on a wide range of crops. It contains fine oxychloride crystals that are quickly and easily transported within plant tissues and translocated to all parts of the plant, preventing and curing copper-deficiency physiopathologies and giving the product a peculiar revitalising action. ConciRame 50 increases endogenous resistance to attacks by the most common bacterial and fungal crop pathogens. The product is permitted for use in organic farming.

FIELDS OF APPLICATION

Horticultural (including fennel) strawberry and other ornamental crops; industrial and cereal crops; tree crops: (pome and stone fruit); olive, wine grapes and table grapes.

METHOD OF USE

ConciRame 50 should only be applied in cases of recognised need. It is advisable to avoid application during the flowering phase. ConciRame 50 is suitable for application in crops subject to biotic and abiotic stresses due to its ability to stimulate the natural endogenous resistance of plants.

COMPATIBILITY

The product should preferably be used alone. Treatment should be spaced at least three weeks apart from treatment with mineral oils and captan.

CAUTION

Do not carry out treatments during the hottest hours of the day. Before mixing treatments with fertilisers and pesticides carry out compatibility tests on a limited number of plants.

Recommended water volumes for foliar spraying 500 - 700 kh/ha



COMPOSITION

Total copper (Cu)	25%
Crops	KG/HA
Horticultural, industrial, cereal	kg 6 - 8
Fruit crops	kg 2,5 - 5
Olive	kg 3 - 6
Wine grapes and table grapes	kg 4 - 6

S.A.I.M. SOLFATO DI RAME 98-99 GRANULAR

CHARACTERISTICS

S.A.I.M. Granular Copper Sulphate is able to supply soluble Copper to plants at the right dose to induce an effective action of activation of the plant's natural defences against the most common biotic agents (phytopathogenic fungi and bacteria). Its action is most effective when applied prior to the onset of stress.

FIELDS OF APPLICATION

Vegetables; industrial and cereal crops; fruit crops; olive trees; wine grapes and table grapes.

METHODS OF USE

The product should only be used in cases of recognised need. Do not mix with other fertilisers or plant protection products. Avoid treating plants when they are flowering. To improve adhesiveness, mix 1 kg of Granitello Copper Sulphate with 600 g of lime per 100 litres of water, keeping the mixture in agitation during preparation.

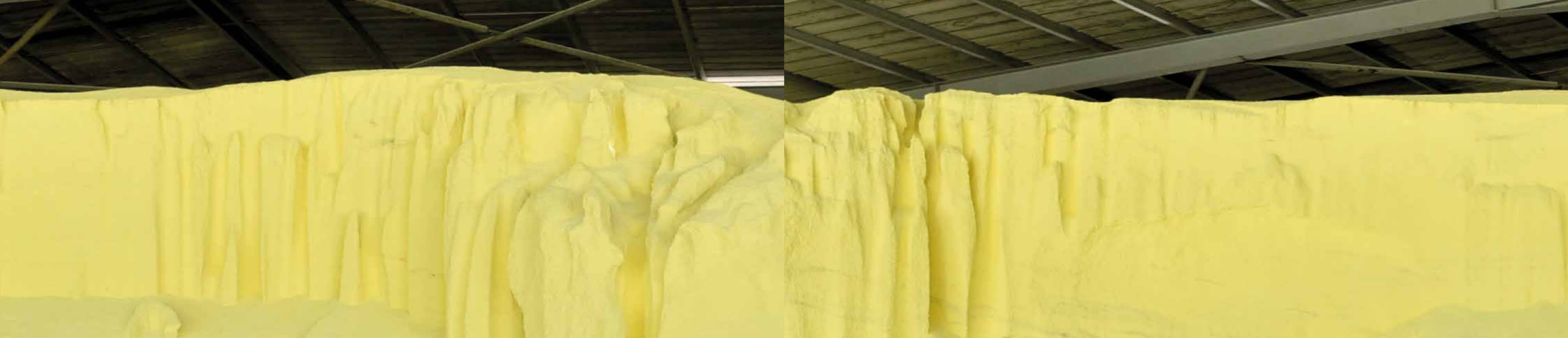
COMPATIBILITY

The product should preferably be used alone. The treatment should be spaced at least three weeks apart from the treatment with mineral oils and captan.

CAUTION

Do not carry out treatments during the hottest hours of the day. Before mixing treatments with fertilisers and plant protection products, carry out compatibility tests on a limited number of plants. Granite Copper Sulphate S.A.I.M. is suitable for application in crops subject to biotic stress due to its ability to stimulate the plant's natural endogenous resistance.

Recommended water volumes for foliar spraying 500 - 700 l/ha



07 Other Sulphurs



S.A.I.M. MARCA ROSSA 99/100%
ELEMENTAL SULPHUR POWDER

USES

In the chemical industry

Sulphuric acid and other chemical industry,
Battery acid production,
Vulcanisation of rubber,
Feed production,
Coating production,
Pyrotechnic industry.

As a corrective and supplement to chemical and natural fertilisers.

Improves the efficacy of phosphatic, potassic and nitrogenous chemical fertilisers.

Zootechnical additive and supplement in animal feed.

Company registered in accordance with Reg. CE 183/05 art. 5 comma 2 for the production of sulphur for use in mixtures for the feed industry.

STORAGE

Indefinitely

COMPOSITION

Elemental sulphur	Total S 99% Selenium-free
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Identification	Concentration %	Classification
SULPHUR	99 - 100	67/548/CEE 1272/2008 (CLP)
CAS. 7704-34-9		Xi R38 Skin
CE. 231-722-6		Irrit. 2 H315
INDEX. 016-094-00-1		





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