



Reg No in process * Act 36 of 1947

Dyno Sulf is water soluble Phytosulfate chelated high concentration liquid Sulfur (S) product. Both soil and leaf applications of the product is efficiently taken up and metabolized by the plant.

Dyno Sulf is recommended as an organic S-complex that can be taken up efficiently to rapidly rectify S imbalances and deficiencies in the plant.

Composition:

Sulfur (S).....	156 g/kg
Nitrogen (N).....	72 g/kg
Fulvic acid	4%

Fulvic acid chelated product and a slight brown residue might be present that will dissipate after shaking of the container.

Product Properties:

S.G:	1.35 ± 0.02
pH:	6.5 ± 0.1
Appearance:	Dark brown solution

RESTORING NATURE'S BALANCE

A Biological Equilibrium Farming Product



Product Characteristics.

Sulfur is an essential macro-nutrient and is a component of 2 essential amino-acids (cysteine and methionine.

Sulfur is directly involved in the formation of Vitamins and Chlorophyll and thus is a critical element needed for photosynthesis and protein synthesis.

Sulfur is specifically needed in plant oil production in oil crops that results in improved yield and quality benefits.

Sulfur is also the color and aroma element in crop production since it benefits the coloration of ripening fruit as well as the aroma components in various crops ranging from onions, brassicas to wine grapes and other fruits.

Sulfur helps with translocation of sugars and starches to the roots for metabolism. Therefore early morning Brix levels may be high when S is deficient.

Sulfur and Phosphorous ratios in a standard soil analysis should be 1:1 to ensure crop availability of 2+ charged cations like Ca, Mg, Cu, Zn, Fe and Mn.

Dyno Sulf is effective as a foliar spray (max concentration 0.75% in water) but soil applications of the specific product is much more efficient (see newsletter www.agrilibrium.co.za)

DIRECTIONS FOR USE: Use only as directed. Shake well before use.

- **Dyno Sulf** should be applied on its own and especially **not with Calcium** products since gypsum will be formed and will precipitate and clog applicators and irrigation systems.
- Do not mix **Dyno Sulf** with highly acidic products and if uncertain, preferably apply on its own.
- Foliar application concentrations should not be lower than **0.5% (500 mℓ per 100ℓ water) for maintenance** applications up to a final maximum spray concentration of **1.0% for rectification of deficiency problems (1ℓ per 100ℓ water)**.
- **Spray solution water should be buffered between pH 5 and 6.**
- Use at least **0.2% FulMax** (200mℓ per 100ℓ water) in the spray mixture to enhance uptake of the nutrients through the leaf surface.
- Apply foliar spray during cool periods of the day.
- Do not apply to wilted plants/leaves
- Soil application concentrations should never exceed 1% (1 liter per 100 liter water)

Optimal application dosage concentration based on dosage response results.

Total tank concentration should never be lower than 0.5% (500ml/100ℓ) and preferably 1% (1ℓ/100ℓ).

General Recommendation:

Crop	Max rate/ha	Rate / volume (ℓ) water	Remarks
Pome Fruit: Apples Pears	Irrigation: Soil application 5 - 20 ℓ/ha Dyno Sulf Foliar spray: 0.5 - 1% Dyno Sulf + 0.1% FulMax	Soil application (Irrigation): Application should never exceed 1% concentration. Minimum 5ℓ in 500ℓ water - 20ℓ in 2000ℓ water or more. Foliar spray: 500ml - 1ℓ Dyno Sulf plus 100ml FulMax /100 ℓ tank solution	Soil application (Irrigation): Apply on its own due to possible compatibility issues. Do not exceed 1% application concentration Foliar spray: Apply as a medium to low volume (500ℓ -1000 ℓ) foliar spray in a regular program commencing during spring (after bud break). First application 2 weeks after first flush with 14 to 21 day intervals up to 3 weeks before harvest. 50% wetting sufficient. Note restrictions for use on apples and pears.
Stone Fruit: Apricots, Peaches, Plums	Irrigation: Soil application 5 - 20 ℓ/ha Dyno Sulf Foliar spray: 0.5 - 1% Dyno Sulf + 0.1% FulMax	Soil application (Irrigation): Application should never exceed 1% concentration. Minimum 5ℓ in 500ℓ water - 20ℓ in 2000ℓ water or more. Foliar spray: 500ml - 1ℓ Dyno Sulf plus 100ml FulMax /100 ℓ tank solution	
Sub-Tropical Fruit: Mango, Avocado, Macadamia, Pecan, Bananas, Litchis			
Citrus			
Grapes: Table grapes Wine grapes	Soil application (Irrigation): 5 - 20 ℓ/ha Dyno Sulf Foliar spray: 0.5 - 1% Dyno Sulf + 0.1% FulMax	Soil application (Irrigation): Application should never exceed 1% concentration. Minimum 5ℓ in 500ℓ water - 20ℓ in 2000ℓ water or more. Foliar spray: 500ml - 1ℓ Dyno Sulf plus 100ml FulMax /100 ℓ tank solution	Soil application (Irrigation): Apply on its own due to possible compatibility issues. Do not exceed 1% application concentration Foliar spray: Apply as a medium to low volume (500ℓ -1000 ℓ) foliar spray. First application between flowering and fruit set. Last application no later than veraison for table grapes and during the lag phase (berry is pea size) for wine grapes.
Root Vegetable: Potatoes Sweet Potato	Soil application (Irrigation): 5 - 20 ℓ/ha Dyno Sulf	Soil application (Irrigation): Application should never exceed 1% concentration. Minimum 5ℓ in 500ℓ water - 20ℓ in 2000ℓ water or more.	Soil application (Irrigation): Apply on its own due to possible compatibility issues. Do not exceed 1% application concentration Foliar spray: Apply as a medium to low volume (100ℓ- 250ℓ) foliar spray in a regular program commencing 2 weeks after germination or from 4 leaf stage onwards. Apply at least once every 14 days during the growing season.
Other Vegetables: Tomatoes, Peppers	Foliar spray: 0.5 - 1% Dyno Sulf + 0.1% FulMax	Foliar spray: 500ml - 1ℓ Dyno Sulf plus 100ml FulMax /100 ℓ tank solution	
Grain: Wheat Maize Canola Soybeans Beans Oats	Soil application (in-row planter application, pesticide sprayer): 2 - 5 ℓ/ha Dyno Sulf Foliar spray: 0.5 - 1% Dyno Sulf + 0.1% FulMax	Soil application (in-row planter application, pesticide sprayer): Application should never exceed 1% concentration. Minimum 2ℓ in 200ℓ water - 5ℓ in 500ℓ water or more. Foliar spray: 500ml - 1ℓ Dyno Sulf plus 100ml FulMax /100 ℓ tank solution	Soil application at planting in planting furrow or within week after planting with pesticide sprayer. Do not exceed 1% application concentration Foliar spray: 2-3 weeks after germination (4-5 leaf stage). If possible follow up 6 weeks after germination.

- Due to the variation of soil and soil types from area to area, a full recommendation will only be possible once a **soil analysis and 1:2 water extract** analysis has been done.
- Recommendations are also based on requirements for different crop types.

Contact your Agrilbrium representative to obtain a crop specific Plant Stress Management™ recommendation.

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