

OPTY GYP

Reg.No. B5457 (Act 36 of 1947)
Fertilizer Group 2

Sulphur (S)	147 g/ℓ	(103 g/kg)
Calcium (Ca)	179 g/ℓ	(125 g/kg)

SG (at 20°C) = 1.43 ± 0.02

Opty Gyp is a liquid suspension concentrate fertilizer, containing micronized sulphur and calcium, suitable for soil application through irrigation or any application system to maintain or correct sulphur and calcium levels in soils and plants.

Version: Jan 2021

Registered, Manufactured and Distributed by:

INTROLAB (PTY) LTD (Reg. No. 2005/039779/07)

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See enclosed for full details. See container side for both Batch No. and Manufacture Date. Product expires 2 years after date of manufacture.

GENERAL INFORMATION

- **Opty Gyp** is micronized concentrated source of Calcium and Sulphur applied to the soil to increase Calcium and Sulphur levels, improve soil structure and reducing sodium build-up.
- The elemental sulphur is oxidized to plant available sulphate by soil microbes in the presence of water. Under cool soil conditions the oxidation process will be slower.
- For optimum results **Opty Gyp** should be used in a balanced plant nutrition programme.
- Consult your chemical distributor, consultant or the registration holder should crop specific programmes be required, or if any additional information and guidance is required concerning the use of this product.

COMPATIBILITY

- **Opty Gyp** is compatible with other agricultural products, it is however advisable to do a miscibility test prior to mixing **Opty Gyp** with other agricultural products.

MIXING INSTRUCTIONS

- Always use the correct safety wear during mixing.
- Shake the container thoroughly before use.
- Always use a strainer when pouring **Opty Gyp** into a mixing or spray tank.
- Follow the standard tank mixing procedure if this product is applied in combination with other agricultural products.
- Ensure good agitation throughout the mixing procedure.

STORAGE

- Store in the original, well-sealed container away from direct sunlight in a cool dry environment.
- Keep in locked place.
- Keep away from children, uninformed people, animals and foodstuffs.

WARNING

- Handle with care.
- Do not re-use the container for any other purpose.
- **Opty Gyp** causes visible residue on leaves and fruit.

APPLICATION INSTRUCTIONS

- Ensure thorough agitation of the product during filling and application.
- The application equipment must be flushed out with clean water after application.
- **Opty Gyp** should preferably be applied in the early morning or late afternoon.
- Do not apply to plants that are undergoing moisture or heat stress.
- The application rate is dependent on the plant growth stage, calcium and sodium soil levels, soil pH levels and the reaction required.
- The lower rates should be used for maintenance while the higher rates should be used to correct deficiencies.

APPLICATION THROUGH THE IRRIGATION SYSTEM:

- **Opty Gyp** should be diluted with water by adding 2 parts water to 1 part **Opty Gyp** before injecting it into the irrigation system.
- Ensure thorough agitation of the solution during the application period.
- When applying the higher rate via the irrigation system, the application should be split into 2-3 applications.
- Irrigate at least 15 mm of water immediately after **Opty Gyp** application.

Directions for use: (Use only as directed)

CROP	RATE PER HECTARE	REMARKS
Berries i. Blueberries, Blackberries, Raspberries	2 - 5 ℓ	Apply through the irrigation system. Application rate is dependent on the plant growth stage, calcium, soil levels, soil pH levels and reaction required.
ii. Strawberries	2 - 5 ℓ	Apply through the irrigation system. Application rate is dependent on the plant growth stage, calcium, soil levels, soil pH levels and reaction required.
Citrus	50 - 120 ℓ	Apply through the irrigation system. Split application into 2-3 equal applications.
Fruit Trees	50 - 75 ℓ	Apply through the irrigation system. Split application into 2-3 equal applications.
Grain Crops i. Maize, Sorghum	4 - 6 ℓ 50 - 100 ℓ	Apply in furrow with planting. Apply to soil before planting and incorporate.
ii. Barley, Oats, Wheat	4 - 6 ℓ 50 - 100 ℓ	Apply in furrow planting. Apply to soil before planting and incorporate.
Legumes (alfalfa, soya beans, groundnuts)	4 - 6 ℓ 50 - 100 ℓ	Apply in furrow with planting. Apply through the irrigation system as a pre-plant soil treatment. Incorporate shallow soil.
Maize	4 - 6 ℓ 50 - 100 ℓ	Apply in furrow with planting. Apply to soil before planting and incorporate.
Onions	50 - 100 ℓ	Apply to soil before planting and incorporate.
Other Crops	50 - 100 ℓ	Apply through the irrigation system.

Directions for use: (Use only as directed)

CROP	RATE PER HECTARE	REMARKS
Potatoes	100 ℓ	Apply in a minimum of 300 Lt water/ha as a direct spray during the planting process in the plant furrow. Can be applied directly onto seeds pieces. Use only on good quality and certified potatoes seed tubers.
Turf and Pastures	100 - 150 ℓ	New planting: Apply to soil before planting and incorporate into soil. Established Turf: Apply through the irrigation system in 2-3 equal applications.
Vegetables	50 - 100 ℓ	Apply through the irrigation system. Split application into 2-3 equal applications. Application rate to be based on chemical soil analysis.
Vines	50 - 100 ℓ	Apply through the irrigation system. Split application into 2-3 equal applications.

Warranty:

The registration holder does not warrant that the product will be efficacious under all conditions because the action and effect thereof may be affected by factors such as abnormal climatic conditions as well as method, time and accuracy of application