

# FLO-GYP

Reg. No. B4703 Act No. 36 of 1947



## FERTILISER GROUP 2

**FLO-GYP is a micronised suspension concentrate of calcium and sulphur that can be applied through the drip-, micro-, overhead-, or any other irrigation system.**



Calcium	(Ca)	120 g/kg	(172 g/l)
Sulphur	(S)	96 g/kg	(137 g/l)

**SG @ 20°C** = 1.43 ± 0,02  
Particle size = < 4 µm (D50%)

Content • Batch number • Manufacture date

**agchem**  Member of **Rolfes**  
GROUP

Registered, Manufactured and Distributed by:  
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FLO-GYP: 07/2016

**SHAKE WELL** Shake well before use • Store at room temperature  
Keep out of direct sunlight • Keep container closed when not in use



**FLO-GYP** is a highly soluble concentrate source of calcium and sulphur to improve soil structure by reducing sodium build-up and increasing calcium levels in soil. It will also improve plant growth and rectify calcium imbalances in soil.

#### IMPORTANT PROPERTIES OF FLO-GYP:

- Calcium and sulphur are sources of plant nutrition.
- Sulphur is provided as sulphate (SO<sub>4</sub>) which is the only form plants can utilise sulphur.
- **FLO-GYP** has a neutral pH
- Sulphate is known to leach sodium in the soil, thereby improving cation balance and plant growth.
- **FLO-GYP** may be an effective means of correcting low or high soluble salt problems in soils.
- **FLO-GYP** may:
  - Flocculate clay soils to improve soil structure.
  - Improve compacted soil.
  - Improve water infiltration rate.
  - Reduce soil crusting.
  - Prevent or reduce clay dispersion and swelling.
  - Increase water absorption of soils.
  - Improve the uptake of nitrogen (N) by crops
  - Make slightly wet soils easier to till.
  - Create a favourable soil EC to improve plant growth.
  - Decrease heavy-metal toxicity in soils.
  - Improve fruit quality and prevent infection by plant diseases.
  - Improve soil for no-till management.
  - Decrease the toxic effect of sodium chloride (NaCl) salinity
  - Help keep clay particles from adhering to roots, bulbs and tubers (e.g. potatoes).
  - Decrease loss of fertiliser nitrogen to the environment.
  - Act as a source of oxygen for plants.

#### ADVANTAGES OF FLO-GYP:

- **FLO-GYP** uses low application rates, and is therefore more cost effective.
- **FLO-GYP** is easy to handle and apply.
- Depending on the dosage, rain or irrigation as well as environmental conditions, a prolonged effect can be expected.
- The small particle size can improve uptake via plant roots.

#### IMPORTANT NOTES:

- Do not mix with pesticides or fertilisers.
- Consult with your chemical distributor, consultant or the registration holder should crop specific programmes or any other information be required regarding the use of **FLO-GYP**.
- The rate of application is dependent on the plant growth stage, stress levels and reaction required. The lower rates should be used for maintenance while the higher rates should be used to correct deficiencies.
- **FLO-GYP** should preferably be applied in the early morning or late afternoon. Do not apply to plants that are undergoing a period of moisture or heat stress.
- Store in a well-sealed container away from sunlight. Keep away from children, uninformed people, animals and foodstuffs. Wash hands after use.

**Directions for use: Use only as directed.**

CROP	DOSAGE	REMARKS
Field and Vegetable Crops	50 – 100 l/ha	Application rates to be based on chemical soil analysis.
Fruit trees, Vines and Orchards	50 – 75 l/ha	Application rates to be based on chemical soil analysis and size of drip zone (tree area). Apply twice a year.
Turf and Grass	100 – 150 l/ha	Application rates to be based on chemical soil analysis.

**Please Note: Where FLO-GYP is applied as a soil treatment through the irrigation system, irrigate at least 15 mm of water immediately after application.**