



Demeter Ghana Ltd

Product Catalogue



Our Partners



Ghana Cocoa Board
Poised to Maintain Premium Quality Cocoa



MINISTRY OF FOOD & AGRICULTURE



Approved by:
Ghana Cocoa Board
Poised to Maintain Premium Quality Cocoa



Omya Calciprill 110

Omya Calciprill soil neutralizer is made from very finely ground high purity calcium carbonate from Europe.

Ideally Suited For:

Neutralising soil for all crops

Key Benefits:

- ✓ Rapid pH adjustment reduces soil acidity.
- ✓ Greater uptake of nutrients gives higher yields.
- ✓ Get the most from your fertilizer for improved return on investment.
- ✓ Environmentally sustainable on your farm.



Method of Application:

Alone or with other fertilizers, before seeding or to established crops throughout the season. Conduct soil testing to determine soil pH before application.

Consult a Demeter Ghana Ltd agronomist to determine application rate based on current pH and soil type: **+233 (0) 24 529 7047**





Select KCl 0-0-61

Select KCl is derived from a unique source, the Dead Sea, guaranteeing the purity and solubility of the product. Certified in Israel as organic fertiliser.

Ideally Suited For:

Open field fertigated crops

Key Benefits:

- ✓ High grade potassium, fully soluble, free flowing potassium fertigation fertilizer.
- ✓ Can replace potassium nitrate in open field fertigation – limiting accumulation of nitrates in the soil.
- ✓ Improved taste, shelf life and fruit firmness from included chlorides.
- ✓ Fully plant assimilable, containing negligible amounts of heavy metals.
- ✓ Highly soluble at 330 gram per litre.
- ✓ Ideal to save money where N is not required.

Method Of Application:

- ✓ Drip fertigation, overhead fertigation or pivot fertigation
- ✓ KCl can be mixed with compound NPK fertilizers





NPK 20-10-10

Compound fertilizer that is best for seed germination, acceleration of root formation & development, and encouragement of high-quality crops.

Ideally Suited For:

All crops

Key Benefits:

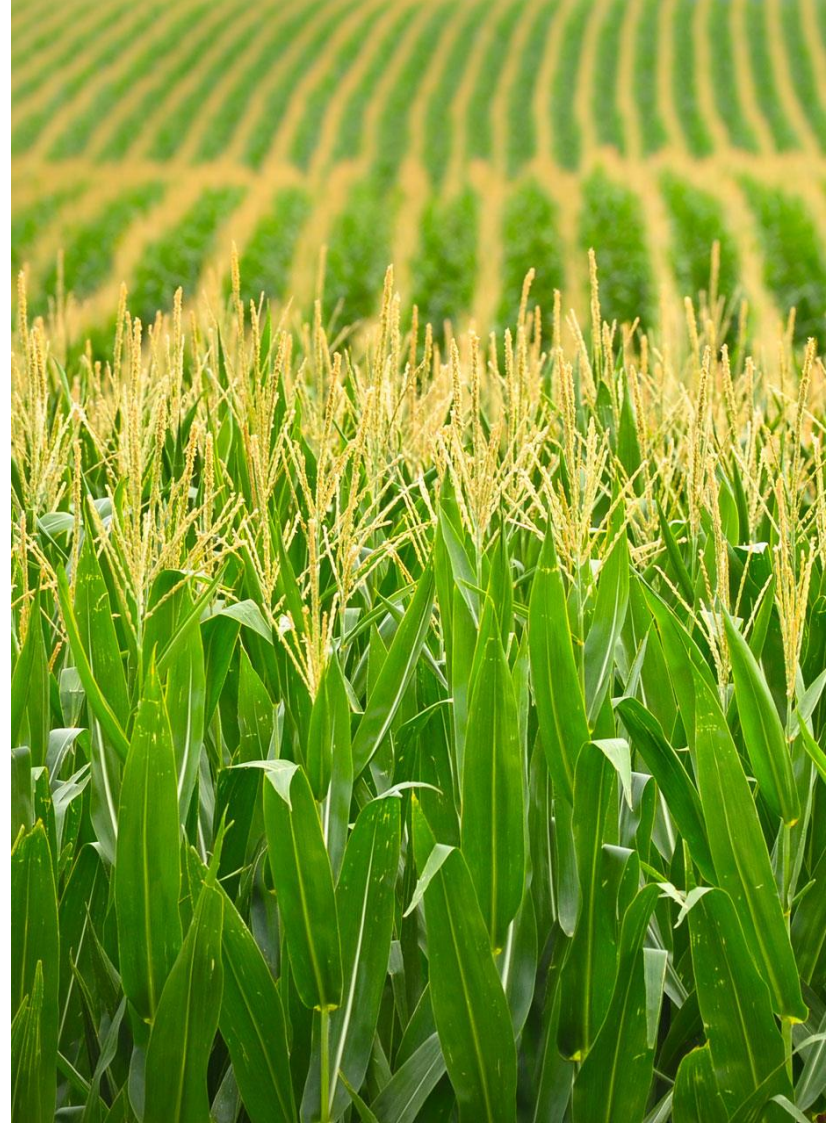
- ✓ High-quality granular fertilizer with long shelf life.
- ✓ Ideal for broadcasting, placement, band placement and pellet application.
- ✓ Contains precise quantity of all three primary plant macronutrients with slow-release elements.

Method Of Application:

- ✓ Early application of NPK in recommended quantities is vital for vegetative growth and root development.



CONTENT	SPECIFICATIONS
Total Nitrogen (N%)	20.00-1%
Phosphorus (P ₂ O ₅)%	10.00-1%
Potassium (K ₂ O)%	10.00-1%
Moisture content, max	1.00%
Granulometry	90.00%
WARNING	
STORAGE	
USAGE	
USE NO HOOKS	



Nova PeaK MKP 0-52-34

Monopotassium phosphate with high purity and solubility.

Ideally Suited for:

Any type of fertigation system drop irrigation, hydroponics, sprinkles, pivots or foliar spray.

Key Benefits:

- ✓ High Phosphorus concentrated fertilizer.
- ✓ Low level of sodium and free of chloride and impurities.
- ✓ Very safe for fertigation applications (drip irrigation, hydroponics, sprinklers, pivots) or foliar spraying without risk of phytotoxicity or leaf burn
- ✓ Absence of nitrogen allows nutrient application at optimum P:K ratio for growth stages where lower nitrogen levels are required.
- ✓ Ideal for monopotassium phosphate flowering, rooting, fruit set, ripening and harvest.

Method of Application:

- ✓ Application rate: 10-15kg / 100 litre water
- ✓ Available in: 25kg or 1kg.





Polysulphate®

19.2% Sulphur | 3.6% Magnesium | 14% Potassium | 12.2% Calcium

Multi-nutrient sulphate fertilizer containing four fully soluble and available plant nutrients.

Ideally Suited For:

Ideal natural source for all crops, especially **soya bean, onion, oil palm, cashew, rice, groundnut and maize.**

Key Benefits:

- ✓ Trials show +40% yields
- ✓ All nutrients available for plant uptake, with prolonged nutrient release rate, reduced risk of sulphate losses through leaching.
- ✓ Delivers superior yields improved quality, increased profitability.
- ✓ Low carbon footprint fertilizer, helps growers achieve carbon target demands.



Application Rate

- ✓ Application rate is plant specific and dependent on soil analysis of Potassium, Sulphur, Magnesium and Calcium deficiencies.
- ✓ Speak to one of our agronomists for advice on soil testing and fertilizer protocols.





Rizoliq - SOY



BOOSTS SOYBEAN GROWTH BY UP TO 40%

Ideally Suited for:

Soybean (*Glycine max*)

Description and Benefits:

- ✓ Bacterial inoculant (*Bradyrhizobium japonicum*) for effective nitrogen fixation on soybean (*Glycine max*)
- ✓ Seeds are treated by drenching for 24 hours prior to sowing.
- ✓ Promotes optimal root development.
- ✓ Exclusive formulation allows for a high concentration of microorganisms in the product and on the seed.

Method of Application:

- ✓ Application rate: 2 ml per 1 kg of seed
- ✓ Drench and mix thoroughly, shade dry for 10-15 minutes, plant seeds.

Available in 50 ml and 150 ml sachets. Keep in a cool and dry place.

Rizoliq – Groundnut & Cowpea

BOOSTS LEGUME GROWTH BY TO 25-30%

Ideally Suited for:

- ✓ Groundnut (*Arachis hypogaea*)
- ✓ Cowpea Group B: Cowpea, Pigeon Pea, Guar, Velvet bean, Mung Bean, Juba bean, Bambara, Dolichos, Siratro, *Crotalaria spp.*, *Indigofera spp.*, *Macroptilium lathyroides*, *Macrotyloma axillare*, or *Psoralea phaseoloides*.
- ✓ Cowpea Group C: *Neonotonia wightii*, Kudzu, *Stylosanthes spp.* except *S. gulanesis*.

Description and Benefits:

- ✓ Bacterial inoculant (*Bradyrhizobium sp.* (Vigna) strain XS21) for effective nitrogen fixation on legumes.
- ✓ Seeds are treated by drenching for 24 hours prior to sowing.
- ✓ Promotes optimal root development.
- ✓ Exclusive formulation allows for a high concentration of microorganisms in the product and on the seed.

Method of Application:

- ✓ Seed treatment: 80 ml per 20kg seed. Apply to seed and mix until evenly coated, ensure thoroughly dry then plant seeds.

Available in 80 ml sachets. Keep in a cool and dry place.





Eco-T

Eco-t contains the fungus *Trichoderma asperellum* for good germination, strong plants and more yield.

Ideally Suited for:

Mix with any seeds at planting. All crops, including fruits and vegetables, tree crops, rice, cereals and legumes.

Description and Benefits:

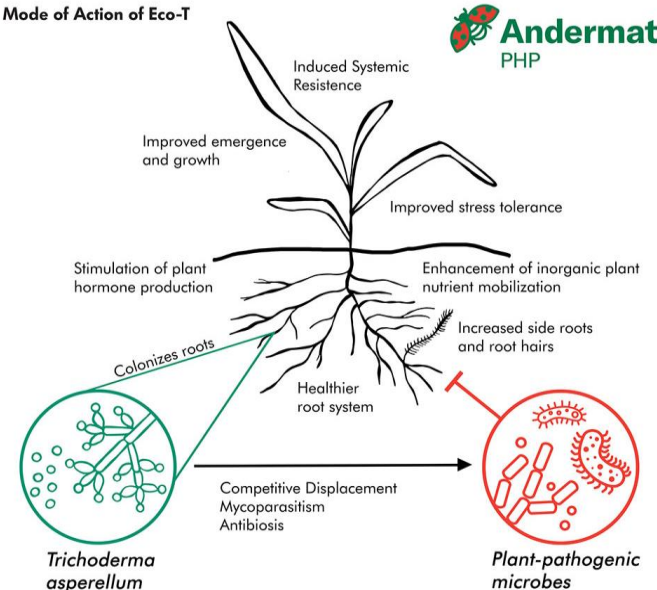
- ✓ Fungal inoculant (*Trichoderma asperellum*) for healthier root system and control of plant root diseases.
- ✓ Low cost.
- ✓ Improved emergence and growth on all crops.
- ✓ Increases tolerance to abiotic and biotic stress conditions (i.e., weather & disease).

Method of Application:

- ✓ Mix dry powder with seed: 10g sufficient for: 1 acre of maize, millet, sorghum or cotton seed / 0.5 acres rice, soya, cowpea / 0.25 acres very small seed like carrot or cabbage.
- ✓ For dipping: Mix contents with one bucket (10L) water for dipping yam pieces, pineapple suckers or seedlings hen planting.
- ✓ Available in 10g sachets.



Mode of Action of Eco-T



Rizospray Extremo Adjuvant

Increases the **coverage**, **penetration** and **biological activity** of herbicides, insecticides, fungicides and foliar fertilizers.

Description and Benefits:

- ✓ Makes low volume applications of pesticides and fertilizers more efficient.
- ✓ Its action is enhanced under unfavourable conditions such as rain a few hours after application, excessive wind, high temperature or low humidity.
- ✓ Lowers the risk of washing away due to rain.
- ✓ Improves the efficiency of control in difficult or stressed weeds.

Application Rate:

- ✓ 200ml/hectare for both ground and aerial applications.
- ✓ Add 1 ml to 1 L of water for up to 200L/ha of spraying volume

Method Of Application:

- ✓ Fill spray tank with water to about half of its total volume.
- ✓ Activate agitation and add required amount of acidifier/buffer.
- ✓ Add required herbicide, insecticide, fungicide, foliar fertilizer to the spray tank.
- ✓ Finally add the required Rizospray Adjuvant into the tank and mix thoroughly





Demeter Ghana Ltd

UNDERSTAND YOUR SOIL KNOW YOUR pH BOOST YOUR YIELDS

Demeter Ghana Ltd's Mobile Soil Testing Lab can precisely test your soil for the following parameters:

Soil pH | Lime Requirement | Nitrate | Nitrogen
Phosphate | Phosphorus | Potassium | Magnesium
Calcium | Conductivity | Salinity | Aluminium | Chlorine
Copper | Iron | Manganese | Sulphur



Mobile soil testing lab visits your farm



Same day soil analysis test and results



Our expert agronomists provide targeted fertilizer protocol

Call us now for your enquiries and information

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