



# ROSASOL

FOLIAR & FERTIGATION FERTILIZER

*For all nutrients and trace elements required by plants*

**ROSASOL-P**  
N:P:K(10:50:10+TE)



**ROSASOL-EVEN**  
N:P:K(20:20:20+TE)



**ROSASOL-N**  
N:P:K(30:10:10+TE)



**ROSASOL-K**  
N:P:K(12:12:36+TE)



**Quality products at affordable prices**

# ROSASOL FOLIAR & FERTIGATION FERTILIZER

## MBOLEA TOSHA KWA MIMBA, MAZAO BORA NA FAIDA TELE KWA MKULIMA

ROSASOL TYPE	N:P:K RATIO	TRACE ELEMENTS	DETAILS
<b>ROSASOL-P</b>	10:50:10	Iron - 260ppm Manganese - 320ppm Boron - 100ppm Zinc - 230ppm Copper - 75ppm	<ul style="list-style-type: none"> <li>- Suitable for soils lacking or poor in phosphorous</li> <li>- On well balanced soils, Rosasol P is good for use after germination or transplanting to give crops a strong and vigorous rooting system</li> <li>- For use just before flowering stage in flowering crops and booting stage in wheat/barley.</li> <li>- Phosphorous improves rooting phase, flowering and fruit production at the end of vegetative phase. crops requiring phosphorous include potatoes, onions, strawberry, brussel sprouts, spinach, tomatoes and flowers</li> </ul>
<b>ROSASOL-N</b>	30:10:10	Iron - 260ppm Manganese - 320ppm Boron - 100ppm Zinc - 230ppm Copper - 75ppm	<ul style="list-style-type: none"> <li>- For vigorous vegetative growth in all crops and tillering in wheat.</li> <li>- Enhances formation of adequate dark green foliage for photosynthesis.</li> </ul> <p>The high N content makes plant grow healthy and vigorously and have increased seed/fruit set and higher yields.</p>
<b>ROSASOL-EVEN</b>	20:20:20	Iron - 1000ppm Manganese - 628ppm Boron - 198ppm Zinc - 180ppm Molybdenum - 78ppm Copper - 120ppm	<ul style="list-style-type: none"> <li>- Suited for well balanced soils and for general nutritional needs during plant vegetative growth phase and /or fruit development phase.</li> <li>- Rosasol EVEN. guarantees the best yields.</li> <li>- Important during fruit development/expansion stage in fruiting crops as well as berry expansion stage in coffee.</li> </ul>
<b>ROSASOL-K</b>	12:12:36	Iron - 260ppm Manganese - 320ppm Boron - 100ppm Zinc - 230ppm Copper - 75ppm	<ul style="list-style-type: none"> <li>- Suited for soils lacking or poor in potassium.</li> <li>- Improves fruit and vegetative ripening phase (from end of development till harvest)</li> <li>- Potassium increases resistance against temperature stress.</li> <li>- Potassium is a key element for sugar and starch synthesis and contributes to quality of the harvested produce.</li> <li>- Finisher fertilizer for fruiting crops as it helps to achieve uniform ripening/hardening of fruits/berries as well as better finishing for vegetable crops.</li> </ul> <p>Other crops requiring K include potatoes, onions, cauliflower, tomato, French beans, cereals, flowers, fruit trees, melons.</p>

### WHY SHOULD FARMERS USE ROSASOL RANGE OF FOLIAR FERTILIZERS

#### The Rosasol range:

- Offers vital supplement to conventional plant nutrition especially when roots are not able to fully absorb nutrients from the soil e.g. during cold weather, when soil has a high PH, during periods of water shortage etc.
- Guarantees the kind of results farmers want to see in their crops i.e. a strong root system to absorb water and minerals from the soil, greener foliage for maximum photosynthesis, big size fruits/berries/seeds, uniformly ripened fruits/berries e.t.c
- Made from the premium quality raw materials without residues, thus guarantees high quality final product at affordable prices.
- Highly concentrated giving crops the required nutrients at optimum levels
- Contain a high level of well balanced EDTA chelated trace elements preventing leaching and guaranteeing perfect absorption.
- Highly soluble fertilizers, mixes easily with water
- Anticlogging, thanks to a PH of between 2.5 and 5, at a concentration of between 1 to 3 grams per litre of water. No clogging of spray equipment.
- Compatible with most pesticides as foliar spray or fertigation treatment.
- Low chlorine content (less than 0.5) preventing the risk of salinity.
- Free flow and anti-caking
- Convenient packaging for ease of handling - 200g, 1kg, 25kg

## WHEN SHOULD FARMERS USE ROSASOL RANGE OF FOLIAR FERTILIZERS

1. When crop roots are not functioning as expected due to for example the following reasons-High soil PH, during very cold weather, fixation of potassium (K) and phosphorous (P) in the soil making them unavailable for plant use, poor soil aeration, when the roots are not yet fully developed.
2. Situations of stress-for example during periods of water shortage
3. When the crops expected yields are high but nutrition from the soil is not enough to guarantee availability of enough nutrients e.g. periods of heavy berry bearing in coffee or heavy fruit bearing in fruiting crops.
4. Rosasol range of foliar fertilizers is important to stimulate certain desired responses in crops;
  - Rosasol P - at transplanting time or soon after germination to stimulate development of a strong and vigorous rooting system which is able to absorb minerals and water efficiently from the soil.
  - Rosasol P - for flower induction
  - Rosasol N - to stimulate production of better vegetation-greener leaves/foilage for maximum photosynthetic activity and thus high yields
  - Rosasol Even - for improved general growth and yielding of the crops
  - Rosasol K - for better and uniform ripening of fruits as well as that extra hardening of fruits for better storage.

## DIRECTION FOR USE

Rosasol fertilizers can be used in all types of fertigation systems-Drip, microjet, capillary or sprinkler.

### RECOMMENDATION

**For fertigation systems:** use 1 to 3grams/litre of irrigation water

**For foliar treatment:** a 0.5% solution, either dissolve 1kg in 200litres or 5kgs in 1000 litres of water

For a 20 litre knapsack sprayer use 100g of Rosasol P, Rosasol Even, Rosasol N or Rosasol K.

Do not apply under unfavourable conditions e.g. bright sunlight, very high temperatures, too much wind etc.

The above recommendations should be adapted according to difference in climate, soil, temperature, varieties, yields and irrigation systems.

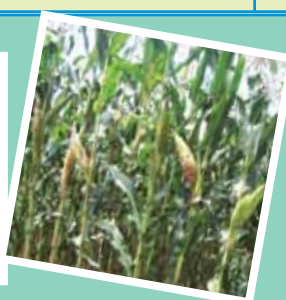
In addition, the number of applications and the quantity per ha as well as the interval times may vary depending on the crop status.





## CROP RECOMMEDATIONS

CROP	PRODUCT	PERIOD/TIMING
Coffee	Rosasol P	After pruning, during spiking stage
	Rosasol even	Berry expansion stage
	Rosasol K	Berry ripening phase
French beans/common beans	Rosasol P	After germination and at flowering
	Rosasol Even	3 weeks after germination and pod filling stage.
Cereals	Rosasol P	At 2-4 leaf stage and repeat at booting stage.
	Rosasol N	Tillering stage
	Rosasol Even	After the 5-6 leaf /stem elongation stage
	Rosasol K	At head emergence stage to get seeds/grains of high quality
Tomatoes	Rosasol P	At transplanting
	Rosasol N	Vegetative stage
	Rosasol even	Fruit development stage
	Rosasol K	Fruit ripening stage
Potatoes	Rosasol P	Prebloom stage to initiate Tuber formation
	Rosasol even	During vegetative phase greener foliage
	Rosasol K	Post bloom stage to enhance tuber filling
Brassicas- Cabbages,sukumawiki	Rosasol P	At transplanting
	Rosasol N /Rosasol Even	At vegetative growth phase
Water melons, cucumber	Rosasol P	After germination for development of a strong root system
	Rosasol even	3 weeks after planting
	Rosasol K	At fruit ripening stage
Fruit trees-citrus, mangoes, passion fruits, apples etc	Rosasol P	Before flowering stage
	Rosasol even	At fruit development stage
	Rosasol K	At fruit ripening stage
Straw berries	Rosasol P	After germination
	Rosasol N	During vegetative growth
	Rosasol K	At fruit bearing/ripening stage
Cotton	Rosasol P	At 5-6 leaf stage and at flower induction
	Rosasol K	After pollination
Capsicum	Rosasol P	After transplanting
	Rosasol even	At fruit development stage
	Rosasol K	At fruit ripening stage
Onions	Rosasol P	1 to 2 leaf stage-for development of a strong root system
	Rosasol Even / Rosasol N	3-4 leaf stage-for quick leaf growth/massive stem and bulb
	Rosasol K	At bulb ripening/hardening stage
Maize	Rosasol P	2 to 4 leaf stage to enhance root development in the young maize crop
	Rosasol N	8 leaf stage to boost the vegetative growth
	Rosasol even	8 leaf stage to boost the vegetative growth
Roses	Rosasol P	After bud break after bending or callusing
	Rosasol even	To boost general plant growth
	Rosasol K	To boost colour intensity towards harvesting
Flowers bulbs-lilies	Rosasol P	Apply to young plants
	Rosasol N	Apply to developing plants until flowering
	Rosasol even	Apply to developing plants until flowering
	Rosasol K	Apply to plants from ripening stage till harvest



**Contact:-**

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