



Tsama Product Range



Crop nutrition specialists

About the products :

Tsama offers a complete range of micro -nutrient products and several secondary and macro nutrient formulations. The product emphasis is on foliar feeds and seed treatments. Several of the products are now locally manufactured and include suspension concentrates for both foliar and seed dressing, clear liquid formulations and water soluble powders.

The suspension concentrates are formulated from high grade or pharmaceutical grade raw materials milled to distinct particle sizes and have added co-formulants (including wetters, stickers, spreaders, penetrants and or dispersants) which enhance availability, uptake and efficient utilization by the plant. The suspension concentrate formulations have high elemental levels of either single nutrients (e.g. Tsama Zinc with 700 g Zn /l) or multi -nutrients (e.g. Tsama Calcium with 400 g/l Ca, 31g Zn and 3 g boron). They are safe, effective and have good tank mix ability within the range and with many of the commonly used agrochemicals.

The clear liquid products are formulated from high purity or pharmaceutical grade raw materials, with added co-formulants to optimise plant availability and uptake. They too have tank mix compatibility and product efficiency.

The formulated powder products are used where convenience is best met with non liquid formulations. They offer optimum nutrient availability and the efficacy of formulated products.

About the Services:

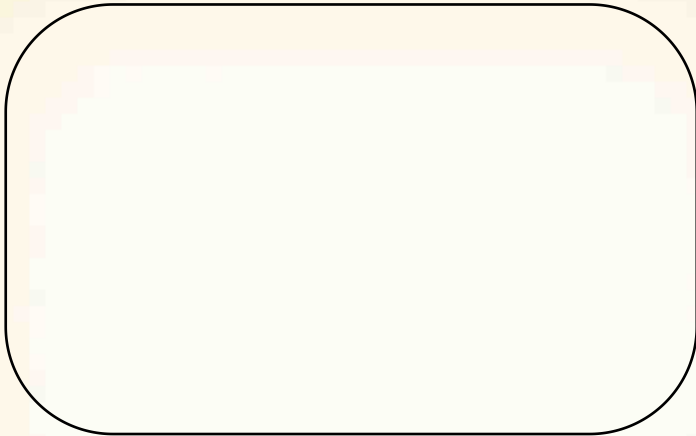
Tsama is able to offer:

- i. A comprehensive micro-nutrient range, plus supplementary macro and secondary nutrient products, either as single products or in combinations.
- ii. Technical support based on 25 years of local experience, in micro-nutrient nutrition and foliar feeding.
- iii. A company structure which allows flexibility and quick response to design and formulation of new products in response to changing market needs
- iv. Nutritional programs which may be crop or area specific
- v. Interpretation of soil, water , leaf and petiole analytical results, in conjunction with leading laboratories country wide.
- vi. Tank mix support services. A verification of physical tank mix ability of Tsama products in conjunction with other spray material. **Contact Tsama direct for more details.**

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PRODUCT	CONCENTRATION	PACK	TYPE	PRIMARY USE
<i>TSAMA BOR</i>	130g/l B	10	CL	Foliar
<i>TSAMA CALCIUM</i>	400g/l Ca, 3g/l B, 31g/l Zn	10	SC	Foliar
<i>TSAMA CALIPHOS</i>	132g/l P, 42g/l Ca, and 41g/l N	10	CL	Foliar
<i>TSAMA COPPER</i>	500g/l Cu	5	SC	Foliar
<i>TSAMA COPPER START</i>	500g/l Cu, plus 60g/l E.maxima	5	SC	Seed dressing
<i>TSAMA COPPER TRIPLE</i>	330g/l Zn, 280g/l Mn, 55g/l Cu	5	SC	Foliar
<i>TSAMA IRON</i>	60g/kg EDDHA chelate	5	W/S P	Soil
<i>TSAMA MOLY-P START</i>	250g/l Mo, 109g/l P	1	CL	Seed dressing
<i>TSAMA MAG</i>	300g/l Mg	10	SC	Foliar
<i>TSAMA MIX</i>	70g Mn, 50g Zn, 25g Fe, 20g Cu, 20g B, 1g Mo per kg	5	W/S P	Foliar, F Fertiligation
<i>TSAMA MN</i>	400g/l Mn	5	SC	Foliar
<i>TSAMA MN START</i>	400g/l Mn plus 60g /l E.maxima	5	SC	Seed dressing
<i>TSAMA PENTA S</i>	145g/kg S, 80g /kgMg, 70g/kg Mn, 50g /kgB, 2g/kg Mo/	5	W/S P	Foliar
<i>TSAMA PIT STOP</i>	160g/l Ca	10	CL	Foliar
<i>TSAMA PLENTY K</i>	276g/l K	10	CL	Foliar
<i>TSAMA ZINC</i>	700g/l Zn	5	SC	Foliar
<i>TSAMA ZINC START</i>	263g/l Zn, 84g/l P, 5.5g/l Mo plus 60g/l E. maxima	5	SC	Seed dressing
<i>TSAMA ZINC TRIPLE</i>	340g /l Mn, 175/l g. Cu and 55 g/lZn	5	SC	Foliar

Distributed by:



On behalf of:



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