



**TITANIUM WITH MAGNESIUM, AMINO ACIDS,
SEAWEED EXTRACT AND BETAINES**

CHARACTERISTICS

TITAN UP is an advanced liquid fertilizer that combines Titanium with Magnesium, Amino Acids, Seaweed Extract, Betaine and essential micronutrients to enhance crop growth, stress tolerance and productivity. Its synergistic formula improves photosynthesis, nutrient absorption and fruit quality, even under adverse conditions.

KEY BENEFITS

- 1** **Titanium improves** photosynthetic efficiency and strengthens cell structure.
- 2** **Increases tolerance to abiotic stress** (salinity, drought, high temperatures).
- 3** **Magnesium** promotes chlorophyll formation and energy metabolism.
- 4** **Amino Acids and Seaweed Extract** stimulate vegetative development and recovery after stress.
- 5** **Betaine** stabilizes proteins and protects cells against unfavorable conditions.
- 6** **Boron and Molybdenum** are essential for flowering, fruit set and nitrogen metabolism.

COMPOSITION

	%w/v
Titanium (Ti)	1,5
Magnesium Oxide (MgO)	3,0
Total Amino Acids	8,0
Seaweed Extract (Ascophyllum nodosum)	6,0
Betaine	1,0
Boron (B)	0,5
Molybdenum (Mo)	0,1



DOSES AND APPLICATIONS

CROP	GROWTH STAGE	FOLIAR APP.	FERTIGATION	CROP	GROWTH STAGE	FOLIAR APP.	FERTIGATION
Citrus (Orange, Lemon, Mandarin)	Spring flush – Flowering – Fruit set – Fruit growth	0.5 – 1.0 L	2 – 4 L	Potato	Emergence – Vegetative growth – Tuber formation	0.5 – 1.0 L	2 – 4 L
Cotton	Floral bud – Flowering – Boll development	0.5 – 1.0 L	3 – 5 L	Rice	Tillering – Panicle initiation – Grain filling	0.5 – 1.0 L	2 – 4 L
Grapevine	Budbreak – Flowering – Fruit set – Veraison	0.5 – 1.0 L	2 – 4 L	Sugarcane	Tillering – Rapid growth	0.5 – 1.0 L	3 – 6 L
Maize	4–6 leaves – Flowering – Grain filling	0.5 – 1.0 L	3 – 5 L	Tomato, Pepper, Eggplant	Transplant – Flowering – Fruit set – Fruit growth	0.5 – 1.0 L	2 – 4 L
				Wheat	Tillering – Stem elongation – Grain filling	0.5 – 1.0 L	2 – 4 L

PACKING:

