

Growfert

Rooting promoter

NP 4.8-23 organo-mineral suspension fertilizer with molybdenum and zinc

GROWFERT is a root-promoting agent derived from a carefully balanced blend of plant extracts, essential amino acids, and the key nutrients nitrogen and phosphorus.

The formulation features specific amino acids that act as precursors to the plant hormones governing organ growth. In addition to nourishing crops during their early stages, the product stimulates the formation of a dense network of absorptive adventitious roots.

The formulation is rounded out by molybdenum and zinc. Molybdenum supports growth by playing a role in nitrogen fixation and nitrate reduction, while zinc is involved in the synthesis of nucleic acids and proteins, as well as the metabolism of auxins—the plant hormones responsible for development. Applying GROWFERT reduces transplant or repotting stress, ensuring better establishment and promoting uniform, consistent growth across all seedlings.

- Promotes the emergence of new adventitious roots.
- Encourages the elongation of existing roots.
- Ensures recovery from transplant shock.
- Ensures successful seedling establishment.
- Improves root uptake, resulting in uniform vegetative growth.
- Suitable for pre-transplant soaking of seeds, bulbs, and roots.

REGISTRATION

SIAN Registration No.
0015956/16

COMPOSITION (% w/w)

Organic Nitrogen (N) 2.8
Ammoniacal Nitrogen (N) 2
Organic Carbon (C) 10
Phosphorus Pentoxide (P₂O₅) 23
Water-soluble
Molybdenum (Mo) 0.2
Zinc (Zn) chelated with
EDTA 0.2

PHYSICAL PROPERTIES

pH (1% solution) 3.12
Density (g/ml, 20°C) 1.29
Color Dark brown

FORMULATION

Soluble liquid

PACKAGING

1 kg bottle
6 kg container

OUTER PACKAGING

16 x 1 kg packs
4 x 6 kg packs

APPLICATION

Soil application



1 kg



6 kg

MODE OF USE	CULTURE	WHEN TO APPLY IT	DOSES
Radical	Fruit, vegetable, and ornamental crops; industrial crops.	1 – 2 applications throughout the cycle	6 – 10 kg/ha

Precautions: The EDTA-chelated zinc micronutrient is stable within a pH range of 4 to 11. Shake the product well before use. Conduct preliminary tests before mixing with other products. Adhere to the specified dosages. The product is non-combustible and stable under ordinary temperatures and pressures. Store the product in well-ventilated areas at temperatures between +5°C and +30°C.

