Nano Pufa

Nano Pufa is ubiquitous in plants, serving many important functions, including storage of metabolic energy, protection against dehydration and pathogens, the carrying of electrons, and the absorption of light. Nano Pufa also contributes to the structure of membranes. Nano Pufa is based on nano Polyunsaturated fatty acid particles (Derived from Flax Seed Oil) encapsulated by a chitosan-based biopolymer, embedded in amino acid, and suspended in water. Nano PUFA has a particle size of less than 100 nanometers. Nano PUFA contains lipids which are an important source of metabolic energy and provide the plant with bio-available essential Polyunsaturated fatty acids.

Composition/Technical Specifications

Components	Composition (%) w/w
SPAN - 80	10.50
Linseed Oil	40.00
Tween – 80	10.00
Citric Acid	7.50
Formic Acid	2.50
Isobutyric Acid	0.30
Sodium Meta Silicate	0.20
L – Lysine Hydro Chloride	3.00
Betaine Hydro Chloride	0.60
Choline Chloride	0.60
L- Threonine	0.10
Butylated hydroxytoluene	0.20
DL-Methionine	0.50
Sodium Methyl Paraben	0.20
Sodium Propyl Paraben	0.10
Lipase Powder/Liquid	5.00
Amylase Liquid	1.00
L - Tyrosine	10.00

Benefits

- economical
- assists in enhancing Quantity and Quality of Yield
- ensures better shelf life of the produce
- Environment-friendly free from antibiotics, pesticides, insecticides, harsh chemicals, hormones
- assists in Improving the robustness of the crops
- assists in Instilling a better profile of Pufa in the Yield
- assists in Intensifying taste of the yield
- bio-Safe
- totally organic

Dosage and Method of Application

In seed treatments:

10-15 ml/Kg Seed

In Seasonal Crops:

First time 15 days before flowering until the harvest @ 3-5 ml/L water in drip/sprinkle/ soil drench, and thereafter two more applications after flowering with a frequency of about a week.

In the case of Coconut trees:

10 ml/ tree once in 30 days

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