

# TECHNICAL DATA SHEET

## VIVA (Powder)

### VIVA 20.20.20 + TE

#### VIVA 20.20.20 + TE ( Powder w/w ) :

Is water soluble fertilizer , Contains : Nitrogen , Phosphorous , Potassium.

#### TYPICAL ANALYSIS:

Product Name	VIVA 20.20.20 + TE																					
Type of Product	Water soluble fertilizer supply essential nutrients for plants .																					
Appearance	Powder																					
Color	Blue																					
Water Solubility	100% soluble Min Sol 300 g / l																					
pH value 1% in destilled water	3.27																					
Composition	<p><b>Total Nitrogen (N)</b> Source: Urea: 80 % Potassium Nitrate: 3 % Mono Ammonium Phosphate: 17%</p> <p><b>Total phosphorous P2O5</b> Source: Mono Potassium Phosphate: 14 % Mono Ammonium Phosphate: 86 %</p> <p><b>Potassium (K2O)</b> Source: Potassium Nitrate: 12 % Potassium Sulphate: 79 % Mono Potassium Phosphate: 9 %.</p> <p><b>Trace Elements</b></p> <table><tr><td>Amino Acid (A.A)</td><td>Ppm</td><td>1350</td></tr><tr><td>Zinc EDTA (Zn)</td><td>Ppm</td><td>450</td></tr><tr><td>Copper EDTA (Cu)</td><td>Ppm</td><td>300</td></tr><tr><td>Manganize EDTA (Mn)</td><td>ppm</td><td>390</td></tr><tr><td>Iron EDTA ( Fe )</td><td>Ppm</td><td>390</td></tr><tr><td>Boron ( Boric Acid)</td><td>Ppm</td><td>510</td></tr><tr><td>Molybdenium ( Mol)</td><td>ppm</td><td>27</td></tr></table>	Amino Acid (A.A)	Ppm	1350	Zinc EDTA (Zn)	Ppm	450	Copper EDTA (Cu)	Ppm	300	Manganize EDTA (Mn)	ppm	390	Iron EDTA ( Fe )	Ppm	390	Boron ( Boric Acid)	Ppm	510	Molybdenium ( Mol)	ppm	27
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#### CHARACTERISTICS:

Balanced formulation NPK 100% soluble fertilizer ,Consist of **three nutrients** in one product to achieves good quality produce and high yield properities .

**Nitrogen** is an essential element in metabolism process and energy production in plants,that helps many enzymatic reactions within plant and prevent loss of energy .

Contains **Potassium** ,which is used during fruiting stage until harvested to increase fruit size ,enhance quality of fruit ,increase plant resistance to frost and drought and treat deficiency of potassium and minor elements which leads to increasing production  
Contains **Phosphorus** which is enhance root development and ,so,a profitable usage of the nutrients and the water .

It's specially design for Fertigation and Foliar systems of soil grown vegetables, fruits, flowers, and lawns can be used in all type of Irrigation systems (Drip, sprinkler, central pivot, surface irrigation systems).

### **APPLICATION RATES AND TIMING:**

#### **APPLICATION RATE**

plant	Application rate
For fodder, vegetables, and field crops in open crops	7-10 kg/ha and repeated as needed
Vegetables in protected crops	1 - 2.5 kg/500 m2
Palm trees and fruit	70 g per tree or 7-10 kg/ha
Ornamental plants	5 - 10 kg/ha

#### **TIMING :**

Nitro Top will be used at all plant growth stages .

#### **HOW TO USE**

Nitro Top will be dissolved in water at application rate.

#### **COMPATIBILITY**

Compatible with most known fertilizers and pesticides, its advisable to make compatibility test before use.

#### **WARNING**

- Keep out of reach of children.
- Do not use with alkaline product .

#### **STORAGE**

- Store product in its original containers tightly closed.
- Keep away from children ,food and drinks .
- Store in dry ,well ventilated place ,at room temperture and away from direct sunlight .

#### **PACKING**

1 Kg ,5 Kg ,10 Kg ,15 Kg , 20 Kg ,25 Kg,50 Kg ,100 Kg ,200 Kg,1000 Kg.

#### **TRANSPORT PRECAUTIONS**

No special precautions are necessary for transport by air, sea, rail or road.