



Sustainable Solutions Ltd.

# NPK 30-10-10+TE



## Chemical composition

Component	Typical Analysis
Total Nitrogen (N)	30% (min)
Nitric Nitrogen (N-NO <sub>3</sub> )	3% (min)
Ammoniacal Nitrogen (N-NH <sub>4</sub> )	4% (min)
Ureic Nitrogen (N-NH <sub>2</sub> )	23% (min)
Phosphorus Pentoxide (P <sub>2</sub> O <sub>5</sub> )	10% (min)
Potassium Oxide (K <sub>2</sub> O)	10% (min)
Sulphur(S)	2.7%
Iron (EDTA chelated) (Fe)	0.056%
Copper (EDTA chelated) (Cu)	0.006%
Zinc (EDTA chelated) (Zn)	0.008%
Manganese (EDTA chelated) (Mn)	0.028%
Boron(B)	0.010%
Molybdenum (Mo)	0.004%

## Physical Properties

Property	Typical Value
Appearance	White Crystalline Powder
Density g/cm <sup>3</sup> (±10%)	0.9
Solubility in water (in g/l) (±10%)	556.9
pH (in 0.1% water solution)	5-7
EC (in 0.1% water solution)	5.5

## Introduction

WS NPK 30-10-10 is a top-quality blend made from the purest raw materials, with limited caking sensitivity and with 100% EDTA-chelated micronutrients for fertigation or foliar application. The formulation comes with high nitrogen levels, to be used during periods of intensive vegetative growth and protein buildup in grain or fruit. It ensures a healthy green plant, which is crucial for adequate photosynthesis and securing high yields.

## Suggested application rates & method

- Greenhouses:**  
The application rate is based on EC/ppm requirement and stage of the crop.  
Fertigation – 1.5-2 kg/ acre  
Foliar application – 1-1.5 kg/ acre
- Vegetables, Fruits, and Orchards:**  
Fertigation – 1.5-2.5 kg/ acre/ application  
Foliar application – 1.5-3 kg/ acre/ application  
1-2 applications are recommended.
- Row Crops:**  
Foliar application – Use 2-4 kg/ acre/ application  
1-2 applications are recommended.

## Special Notes

- Always check compatibility before adding other fertilizers
- Use fine nozzles for all foliar applications
- Use ABSORB (plant-based sticker) as a companion product
- Prairie Pride A and Prairie Pride C are highly recommended products for use with this formulation

Available size: 25kg



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### **Precautionary statements**

Wear protective clothing and equipment when handling the product. Avoid inhalation of spray and dust. This fertilizer contains Iron, Copper, Manganese, Zinc, and Boron and should be used only as recommended. It may prove harmful when misused.

### **Storage and Disposal**

Store in its original package in a cool and dry place, away from the reach of children and animals. Follow directions for fertilizer storage and disposal as per local guidelines, provincial, and federal regulations.

