



Sustainable Solutions Ltd.

# NPK 20-20-20+TE



## Chemical Composition

Component	Typical Analysis
Total Nitrogen (N)	20% (min)
Nitric Nitrogen(N-NO <sub>3</sub> )	4.7% (min)
Ammoniacal Nitrogen (N-NH <sub>4</sub> )	2.7% (min)
Ureic Nitrogen (N-NH <sub>2</sub> )	12.6% (min)
Phosphorus Pentoxide (P <sub>2</sub> O <sub>5</sub> )	20% (min)
Potassium Oxide (K <sub>2</sub> O)	20% (min)
Magnesium (Mg)	0.6% (min)
Sulphur (S)	0.8% (min)
Iron (Fe) (EDTA chelated)	0.05%
Copper (Cu) (EDTA chelated)	0.006%
Zinc (Zn) (EDTA chelated)	0.008%
Manganese (Mn) (EDTA chelated)	0.02%
Boron (B)	0.01%
Molybdenum (Mo)	0.004%

## Physical Properties

Property	Value
Appearance	White crystalline powder
Density g/cm <sup>3</sup> (±10%)	1.0
Solubility in water (in g/l) (±10%)	413.1
pH (in 0.1% water solution)	5-7
EC (in 0.1% water solution)	6.8

**Available sizes:** 25 kg

## Introduction

This multi-purpose formula has balanced levels of nitrogen, phosphate, and potassium with fully available, 100% EDTA-chelated micronutrients suitable for fertigation and foliar application in open fields or greenhouses. The formulation can be used from early vegetative growth to early production stages. Its regular use provides complete nutrition at vital stages, leading to healthy crops with adequate growth and yields. Its application improves root, shoot, and vegetative growth, resulting in high-quality buds and fruits.

## Suggested application rates & method

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



### **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.

