



Sustainable Solutions Ltd.

# NPK 10-20-25



## Chemical composition

Component	Typical Analysis
Total Nitrogen(N)	10% (min)
Nitric Nitrogen (N-NO <sub>3</sub> )	5% (min)
Ammoniacal Nitrogen (N-NH <sub>4</sub> )	5% (min)
Phosphorus Pentoxide (P <sub>2</sub> O <sub>5</sub> )	20% (min)
Potassium oxide (K <sub>2</sub> O)	25% (min)
Magnesium (Mg)	1.4% (min)
Sulphur (S)	5.1% (min)
Iron (EDTA chelated) (Fe)	0.05%
Copper (EDTA chelated) (Cu)	0.006%
Zinc (EDTA chelated) (Zn)	0.008%
Manganese (EDTA chelated) (Mn)	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%)	1.1
Solubility in water (in g/l) (±10%)	320.6
pH (in 0.1% water solution)	2.5-5
EC (in 0.1% water solution)	10.5

## Available Size

25 kg

## Introduction

WS NPK 10-20-25 formula is made from the purest raw materials, with limited caking sensitivity. It has 100% EDTA-chelated, fully available micro-nutrients for fertigation or foliar application in open fields and greenhouses. It is a high-potassium formula for usage beginning with fruit/tuber set and continuing through the fruit development until maturity. In addition to its vital role in ensuring higher yields, improved fruit quality, and longer shelf life, potassium is essential for overall plant health and drought resistance.

## Suggested application rates & method

### 1. Greenhouses:

The application rate is based on EC/ppm requirement and stage of the crop.  
General application rate – 2-4 kg/ acre

### 2. Vegetables, Fruits, and Orchards:

Fertigation – 2-5 kg/ acre/ application  
Foliar application – 1.5-3 kg/ acre/ application  
1-2 applications are recommended.

### 3. Row Crops:

Foliar application – Use 2-4 kg/ acre/ application  
1-2 applications are recommended.

## Special Notes

1. Always check compatibility before adding other fertilizers.
2. Use fine nozzles for all foliar applications.
3. Use ABSORB (plant-based sticker) as a companion product.
4. 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