

NPK 14-0-14+Ca+Mg+TE



Chemical composition

Component	Typical Analysis
Total Nitrogen (N)	14%(min)
Nitric Nitrogen (N-NO ₃)	13%(min)
Ammoniacal Nitrogen (N-NH ₄)	1%(min)
Potassium oxide (K ₂ O)	14% (min)
Magnesium (Mg)	1.8% (min)
Calcium (Ca)	7.7% (min)
Iron (EDTA chelated) (Fe)	0.85%
Copper (EDTA chelated) (Cu)	0.06%
Zinc (EDTA chelated) (Zn)	0.07%
Manganese (EDTA chelated) (Mn)	0.26%
Boron (B)	0.09%
Molybdenum (Mo)	0.03%

Physical properties

Property	Typical Value
Appearance	Powder
Density g/cm ³ (±10%)	1.1
Solubility in water (g/l) (±10%)	966.4
pH (in 0.1% water solution)	5-7
EC (in 0.1% water solution)	10.0

Available size

25 kg

Introduction

WS NPK 14-0-14 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 can also be used as a constant feed for plug plants or when extra calcium or magnesium is required. It improves vegetative growth. 14-0-14 fertilizer is a complete micronutrient package, with high molybdenum, a 4:1 calcium to magnesium ratio, and over 90% of nitrogen in nitrate form.

Suggested application rates & method

- Seedling Nurseries:**
Use 340 - 430 g in 20 L of water for 100 m²
- Greenhouses:**
The application rate is based on EC/ppm requirement and stage of the crop.
General application rate – 3-5 kg/ acre
- Vegetables, Fruits, and Orchards:**
Fertigation – 3-5 kg/ acre/ application
Foliar application – 3-5 kg/ acre/ application
1-2 applications are recommended.
- Row Crops:**
Foliar application – Use 4-7 kg/ acre/ application
1-2 applications are recommended.



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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

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.

