



Sustainable Solutions Ltd.

NPK 14-34-6



Chemical Composition

Component	Typical Analysis
Total Nitrogen (N)	14% (min)
Phosphorus Pentoxide (P ₂ O ₅)	34% (min)
Potassium Oxide (K ₂ O)	6% (min)
Sulphur(S)	3% (min)
Copper (Cu)	0.14%
Zinc (Zn)	0.29%
Iron (Fe)	0.13%
Manganese (Mn)	0.03%
Boron (B)	0.05%
Molybdenum (Mo)	0.04%

Physical Properties

Property	Typical Value
Appearance	Green crystalline powder
Odour	Almost odorless
Moisture	<0.5%
Solubility	Soluble in water
pH (1% solution in water)	7.9
Water Insoluble	<0.1%
Density	0.85-1.0 g/ cm ³

Available size

500 kg

Introduction

WS NPK 14-34-6 is a highly concentrated, blooming, and fruit-filling formula for foliar and drip use in all commercial crops. Its special formulation with the highest-grade nutrients provides fast absorption and maximum utilization of applied nutrients. It is designed to rapidly increase nutrient levels in plant tissues, allowing the crop to continuously perform its vital physiological functions with minimal stress.

Suggested application rates & method

As soon as there is enough ground coverage, applications can start. If needed, repeat the application 2-3 weeks after the first one.

- **Commercial cereals, oilseed, foliage, and legumes:**
Spray 7.5-15 gal /acre of total solution combining Prairie Pride A (0.75 - 1.5 L/acre) + NPK 14-34-6 (1.5- 2.0 kg / acre) + Prairie Price C (100-250 g / acre). 1-2 applications recommended per season.
- **Orchards:**
Spray 7.5 - 15 gal /acre of total solution combining Prairie Pride A (2.5 – 4.0 L/acre) + NPK 14-34-6 (2.5 - 4.5 kg / acre) + Prairie Pride C (250-400 g / acre)
- **Commercial berries and vegetables:**
Spray 7.5 - 10 gal /acre of total solution combining Prairie Pride A (1.5 – 2.0 L / acre) + NPK 14-34-6 (1.5 - 2 kg / acre) + Prairie Pride C (150-250 g / acre)
- **Drip application:** Use 1.5-2 kg per acre.

Note: Use Absorb in above applications as adjuvant / sticker and antidraft @ (1:500-1:1000 dilution = 1-2 ml/L in final solution).

Companion products:

- Prairie Pride A 1-2-1
- Prairie Price C 8-0-20
- Absorb (sticker)



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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.
4. It is highly recommended to combine it with Prairie Pride A and C as a complete foliar application, to provide a foliar boost during the growth and filling stages.

Precautionary statements

Do not breathe dust. Wear protective gloves, clothing, and eyewear. Wash face, hands, and any exposed skin after handling. This fertilizer contains Copper (Cu), Zinc (Zn), Manganese (Mn), Molybdenum (Mo), and Boron (B) and should be used only as recommended. It may prove harmful if misused. As this product contains Boron, it may damage fertility or the unborn child.

Storage and Disposal

Keep in a cool dry place, out of direct sunlight, and away from the reach of children, pets, and livestock. Follow directions for fertilizer storage as per local guidelines. Recycle the package in accordance with local, provincial, and federal regulations.

