

KNO₃

POTASSIUM NITRATE – NOP Fertilizer Grade

Fertilizer-grade Potassium Nitrate (KNO₃) is a water-soluble fertilizer that provides essential potassium and nitrate nitrogen for plant growth. It enhances root development, improves fruit quality, and supports disease resistance. Free of chloride and sodium, it is ideal for chloride-sensitive crops such as tobacco, potatoes, and greenhouse vegetables. Commonly used in fertigation, foliar spraying, and hydroponics, KNO₃ ensures efficient nutrient uptake and promotes high yields. Its high purity and excellent solubility make it a preferred choice for precision agriculture, optimizing plant nutrition while maintaining soil health.



GENERAL DESCRIPTION	
Grade	Formula
Fertilizer Grade	KNO ₃
Molecular Weight	CAS No.
101.10	7757-79-1

PHYSICOCHEMICAL PROPERTIES	UNIT	TYPICAL	GUARANTEED
Appearance	-	Crystalline	Conform
Potassium Oxide (K ₂ O)	% w/w	≥ 46.0	46.1
Chloride (Cl ⁻)	% w/w	≤ 0.2	0.12
Total Nitrogen (N)	% w/w	≥ 13.5	13.5
Water Insoluble Matter	% w/w	≤ 0.10	0.06
Moisture	% w/w	≤ 0.5	0.23
Color	-	White	Conform



Available Package

25 kg | 1000 kg | 1200 kg | 1250 kg | 25kg in BB

Packaging is customizable

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