



Technical Data Sheet –Potassium Nitrate

Potassium nitrate is a source of potassium and nitrogen, two macronutrients (primary nutrients) essential for plant nutrition and growth. Since healthy growth requires large amounts of nitrogen and potassium, these elements have to be added to the soil in order to achieve healthy growth. That's where potassium nitrate fertilizers enter the picture.

Sr. No.	Parameters	Result	Unit
01	Total Nitrogen (all in Nitrate form)	13.0	%
02	Sodium (as Na)	1.0	%
03	Total Chloride (as Cl)	1.5	%
04	Matter insoluble in water	0.5	%
05	Moisture	0.5	%
06	Water Soluble potassium (as K ₂ O)	45	%

Application:

Direct Application, NPK and NK granulation or Ammonization, NPK and NK Bulk blending, liquid and suspension fertilizers, fertigation (Sprinkler, mini sprinkler and Drip irrigation), foliar sprays, foliar NPK fertilizers, starter and transplant solutions, winter hardener, winter breaking dormancy sprays, flowering inducement sprays.

Potassium Nitrate use for Fire Crackles, Glass Industries, and Pharmaceutical Industries & Gun powder Manufacturing.