Technical Data Sheet – NPK (17-17-17)

Excess usage of fertilizers has led to imbalance of the available nutrients and has caused an increase in chemical loads in the soil and water resources both surface and groundwater directly resulting in loss of yield and revenue for the farmers. NPK 17:17:17 is a complete water soluble, ideal fertilizer which provides all major macronutrients N-P-K in a balanced ratio to the plants through foliar spray or fertigation at the time of maximum requirement with the lowest losses. N P K 17:17:17 can fulfil any deficiency of one or all three major plant nutrients and minimizes the cost on basal fertilizers.

Sr. No.	Parameters	Result	Unit
01	Moisture	1.5	%/w
02	Total nitrogen (ammonical and urea)	17.0	%/w
03	Ammonical nitrogen	5.5	%/w
04	Available Phosphorous as P_2O_5	17.0	%/w
05	Water soluble Phosphorous as P_2O_5	16.5	%/w
06	Water Soluble Potassium as K_2O	17.0	%/w

Application

1) 17-17-17 Fertilizers contain Nitrogen, phosphate, potash, Sulphar in suitable ratio along with necessary micronutrients e.g. Iron, Manganese, Zinc, Copper, which are EDTA Chelated compounds. Boron and Molybdenum is also added. This makes it a complete Fertilizer.
2) 17:17:17 Sprayed along with pesticides etc. It increases their efficiency as well as its own efficiency.
3) 17-17-17 Being acidic in nature its absorption by leaves is more efficient.
4) 17-17-17 Foliar is easily and quickly taken up by plants thus conserving plant energy.
5) 17:17:17 can fulfill any deficiency of one or all plant nutrients except calcium at anystage of plant growth. It can be sprayed with pesticides thus saving cost.

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