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Di-Ammonium Phosphate



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Fertilizers



Di-Ammonium Phosphate

GSFC's Di-Ammonium Phosphate $[(\text{NH}_4), \text{HPO}_4]$ (18 % N, 46% P_2O_5) plant at Vadodara has a capacity of 2,16,000 TPA. Main raw material for DAP are Sulphur & Rock Phosphate. The main feedstock is Naptha & associated Gas.

GSFC also has a coastal DAP plant at Sikka in Jamnagar district with a rated capacity of 3,26,000 TPA. The main raw materials are imported Ammonia and Phosphoric Acid. At Sikka, the capacity had been expanded by 3.96 LT in the recent past.

Product Inquiry



Specifications

Moisture % by wt. Max	2.5
Available Phosphorus (as P_2O_5), % by wt. -Min	46.0
Water-soluble Phosphorus (as P_2O_5), % by wt. Min	39.5
Total Nitrogen % by wt. Min	18.0
Ammoniacal Nitrogen from % by wt. Min	15.5
Particle size	minimum 90% of the material shall be retained between 1 mm & 4 mm IS sieve



Applications

Used as complex fertilizer for supply of 'N' and 'P2O5' nutrients.

Mainly used in basal application of fertilizers due to slow releasing nature of DAP.

Packaging

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