

| PRODUCT | AVAILABLE NUTRIENTS % AS | | | | | | | pH@1% |
|-----------------------|--------------------------|-----------------|-----------------|-------------------------------|------------------|---------|----------|-------|
| | NO ₃ | NH ₄ | NH ₂ | P ₂ O ₅ | K ₂ O | EC@ 1% | | |
| MULTI-K (13-00-46) | 13.2 | - | - | - | 46.0 | 1.2 | 9.0-11.0 | |
| Polyfeed:19-19-19+MEN | 5 | 4 | 10 | 19 | 19 | 0.88 | 5.3 | |
| MAP (12-61-00) | 0.0 | 12.5 | 0.0 | 61.0 | 0.0 | 0.69 | 4.0-5.0 | |
| MKP (00-52-34) | | | 52 | 34.5 | NA | 4.0-5.0 | | |

MULTI – K Potassium Nitrate 13-00-46
MAP Mono Ammonium Phosphate 12-61-00
MKP Mono Potassium Phosphate 00-52-34
Polyfeed NPK Blend 19-19-19 + MEN
Polyfeed NPK Blend 13-40-13+ 2MgO + MEN*

Polyfeed (Non-nominated FCO Grade) NPK Blend 15-15-30+MEN
SOP Sulphate of Potash 00-00-50
Calcium Nitrate Calcium Nitrate 15.5-00-00-19

*: ME: Micro Elements Normal

Specifications and application of products

1. Urea (46% N) (White free flowing) – Prilled

Specifications as per the Fertilizer Control Order 1985

- (i) Moisture per cent by weight, maximum 1.0
- (ii) Total nitrogen, per cent by weight, (on dry basis) minimum 46.00
- (iii) Biuret per cent by weight, maximum 1.5
- (iv) Particle size--90 per cent of the material shall pass through 2.8 mm IS sieve and not less than 80 per cent by weight shall be retained on 1 mm IS sieve

Application

- Fertilizer

2. Anhydrous Ammonia -

Specifications as per the Fertilizer Control Order 1985

- (i) Ammonia per cent by weight, minimum 99.0
- (ii) Water per cent by weight, maximum 1.0
- (iii) Oil content by weight, maximum 20 ppm

Application

- Used for production of Urea, DAP, Ammonium Sulphate and Ammonium Nitrate (for fertilizer, explosives, herbicides and insecticides)
- Used for water treatment, fermentation, tanning and food additives

3. Diammonium Phosphate (18-46-0) - DAP

Specifications as per the Fertilizer Control Order 1985

- (i) Moisture per cent by weight, maximum 1.5
- (ii) Total nitrogen per cent by weight, minimum 18.0
- (iii) Ammoniacal nitrogen form per cent by weight, minimum 15.5
- (iv) Total nitrogen in the form of urea percent by weight, maximum 2.5
- (v) Neutral ammonium citrate soluble phosphates (as P 205) per cent by weight, minimum 46.0
- (vi) Water soluble phosphates (as P 206) percent by weight, minimum 41.0
- (vii) Particle size -90 per cent of the material shall pass through 4 mm IS sieve and be retained on 1 mm IS sieve. Not more than 5 per cent shall be below than 1 mm size.

Application:

- Fertilizer

4. Muriate of Potash – MOP (Potassium Chloride)

Specifications as per the Fertilizer Control Order 1985

- (i) Moisture per cent by weight, maximum 0.5
- (ii) Water soluble potash content (as K₂O) per cent by weight, minimum 60.0
- (iii) Sodium as NaCl per cent by weight (on dry basis) maximum 3.5
- (iv) Particle size-95 cent of the material shall pass through 1.7 mm IS sieve and be retained on 0.25 mm IS sieve and be retained on 0.25mm IS sieve

Application:

- Fertilizer
- The largest industrial use for potash is in the manufacture of potassium hydroxide (KOH). KOH is a feedstock for other potassium chemicals used in a wide variety of industrial processes such as glass making, pharmaceuticals, food processing, and the manufacture of textiles.
- As Water softener: Potash is a dietary alternative to salt. The ability of potash to reduce water hardness is virtually the same as salt.
- Food processors and pharmaceutical manufacturers use potash in various products. Potash is also used as an animal feed supplement

5. Zinc Sulphate Heptahydrate (ZnSO₄ 7H₂O) -

Specifications as per the Fertilizer Control Order 1985

- (i) Free flowing crystalline form
- (ii) Matter insoluble in water per cent by weight, maximum 1.0
- (iii) Zinc (as Zn) per cent by weight, minimum 21.0
- (iv) Lead (as Pb) per cent by weight, maximum 0.003
- (v) Copper (as Cu) per cent by weight, maximum 0.1
- (vi) Magnesium (as Mg) per cent by weight, maximum 0.5
- (vii) pH not less than 4.0

Application

- Fertilizer

6. Zinc Sulphate Mono-hydrate (ZnSO₄ H₂O)

Specifications as per the Fertilizer Control Order 1985

- (i) Free flowing powder form
- (ii) Matter-insoluble in water, per cent by weight, maximum 1.0
- (iii) Zinc (as Zn). per cent by weight. Minimum 33.0
- (iv) Lead (as Pb), per cent by weight, maximum 0.003
- (v) Copper (as Cu), per cent by weight, maximum 0.1
- (vi) Magnesium (as Mg), per cent by weight, maximum 0.5
- (vii) Iron (as Fe), per cent by weight, maximum 0.5
- (viii) pH not less than 4.0

Application

- Fertilizer

FOR DETAILS REGARDING PRICING CONTACT,

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