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## TECHNICAL DATA SHEET

### Diammonium Phosphate Fertilizer(DAP) 18-46-0

Commodity: Diammonium Phosphate 18-46-0

#### GUARANTEED ANALYSIS:

|         |       |
|---------|-------|
| 5,00 mm | 0,0%  |
| 4,00 mm | 6,0%  |
| 3,15 mm | 54,0% |
| 2,80 mm | 74,0% |
| 2,00 mm | 96,0% |
| fines   | 0.0%  |

**Size Guide Number (SGN):** 321

**2mm – 4mm:** 90%

**Angle of repose:** 32-35 degrees

**Hardness:** 9,0 MPa

**Bulk Density:** Loose 0,98 t/m<sup>3</sup>  
packed 1,03 t/m<sup>3</sup>

#### Chemical Analysis:

|   |       |
|---|-------|
| Total nitrogen                                | 17,9  |
| Total P <sub>2</sub> O <sub>5</sub>           | 46,4% |
| Citrate soluble P <sub>2</sub> O <sub>5</sub> | 45,2% |
| Available P <sub>2</sub> O <sub>5</sub>       | 45,4% |
| Crude moisture                                | 1,1%  |
| Calcium as CaO                                | 1,04% |
| Iron as Fe <sub>2</sub> O <sub>3</sub>        | 0,5%  |
| Aluminum as Al <sub>2</sub> O <sub>3</sub>    | 0,7%  |
| Magnesium as MgO                              | 0,6%  |
| Flouride as F                                 | 1,16% |
| Sulfur as S                                   | 2,8%  |
| Sodium as Na <sub>2</sub> O                   | 0,2%  |
| pH (1% solution)                              | 7,3   |

#### Water Solubility (% of total)

P<sub>2</sub>O<sub>5</sub> 93.60%

12EU-23HG

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