



## PRODUCT SPECIFICATION SHEET

### DIAMMONIUM PHOSPHATE (DAP, Turf Grade)

<b>Typical Chemical Analysis</b>	
Total Nitrogen, wt %	17.5 - 18.0%
Phosphate as P <sub>2</sub> O <sub>5</sub>	
Total and Available, wt %	45.5 - 46.2%
Water Soluble, wt %	41.5%
Crude Moisture as H <sub>2</sub> O, wt %	0.6% (0.4 - 0.9)
Ground Moisture as H <sub>2</sub> O, wt %	2.3% (2.0 - 2.6)
Iron as Fe <sub>2</sub> O <sub>3</sub> , wt %	1.7%
Aluminum as Al <sub>2</sub> O <sub>3</sub> , wt %	1.5%
Magnesium as MgO, wt %	1.0%
Sulfate Sulfur as S, wt %	1.2%
Calcium as CaO, wt %	0.4%
pH in 1% Solution	7.4

<b>Typical Physical Properties</b>	
Bulk Density (Loose)	55 lbs/ft <sup>3</sup> or 881 kg/m <sup>3</sup>
Bulk Density (Packed)	59 lbs/ft <sup>3</sup> or 945 kg/m <sup>3</sup>
Angle of Repose	29-31 Degrees
Hardness (-8, +9 size)	6.6 lbs or 3.0 kg
Size Guide Number (SGN)	210-240
Uniformity Index (UI)	>48

<b>Particle Size Distribution (% Cumulative)</b>			
Tyler Mesh	Size (mm)	Typical	Typical Range
+5	4.00	1.0	0 – 2.0
+6	3.35	3.0	2.0 – 4.0
+9	2.00	60.0	55.0 – 65.0
+10	1.70	93.0	90.0 – 96.0
+14	1.18	99.0	98.0 – 99.0
+20	0.85	99.8	99.6 – 100
-20	<0.85	0.1	0 - 0.2

The Material Safety Data Sheet ("MSDS") for this product contains important environmental, health and safety information regarding this product, including information concerning the handling and storage of this product. Copies of the MSDS for this product can be obtained at [www.cfindustries.com](http://www.cfindustries.com) or by contacting your CF representative.

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Effective 01/01/2007. Specifications subject to change.