



Product Specifications
Effective: August 14, 2009
Location: Conda

11-52-0

Monoammonium Phosphate, MAP

<u>CHEMICAL ANALYSIS</u>	<u>MINIMUM</u>	<u>MAXIMUM</u>	<u>TYPICAL</u>
Total Nitrogen (wt. %N)	11.0		11.2
Ammonium Form (wt. %N)	11.0		
Available Phosphoric Acid (wt. %P ₂ O ₅)	52.0		52.5
Water Soluble (wt. % P ₂ O ₅)			48.6
Citrate Soluble (wt. % P ₂ O ₅)			3.9
Sulfate Sulfur (wt. %S)			1.2
Moisture (wt. %H ₂ O)			1.4
pH of 10% wt./wt. Aqueous Solution			4.8

PHYSICAL ANALYSIS

Color			Light Green
Angle of Repose (Degrees)			30
Bulk Density (kg per m ³ / lbs per ft ³)			
Loose			958 / 59.7
Tapped			1010 / 63.0
Size Guide Number (SGN)			265
Screen Analysis (% by Weight)			

Tyler	Millimeters	Cumulative %	Tyler	Millimeters	Cumulative %
+6	3.35	8.5	+14	1.18	99.4
+8	2.36	69.7	+16	1.00	99.9
+10	1.70	95.3	+20	0.85	100.0

Please obtain a Material Safety Data Sheet for more information.

To the best of Agrium's knowledge and belief the information contained herein is accurate and reliable as of the date compiled. However, Agrium makes no representation, warranty or guarantee as to the information's accuracy, reliability, completeness or timeliness. It is the user's responsibility to determine the suitability and completeness of such information for the user's own particular use or purposes. Agrium does not accept any liability for any loss or damage that may occur from any use of this information.

AGRIUM, 13131 Lake Fraser Drive SE, Calgary, Alberta T2J 7E8; Phone: (403) 225-7000.

Agrium U.S. Inc., 4582 S. Ulster Street, Suite 1700, Denver, Colorado 80237; Phone: (303) 804-4400.