

**Urea Granular
Agricultural Grade
46-0-0**

CHEMICAL ANALYSIS

Component	Units	Minimum	Maximum	Typical
Total Nitrogen	wt. % N	46.0		46.4
Biuret	wt. %		1.3	1.0
Conditioner*	wt. %	1.2		1.5
Moisture	wt. % H ₂ O		0.30	0.15
Free Ammonia	ppm NH ₃			70
pH, 10%	(w/w)			9.0

*Conditioner is **Urea, reaction products with formaldehyde (CAS# 68611-64-3)**, calculated as *Methylenediurea (MDU)*

PHYSICAL ANALYSIS

Component	Units	Minimum	Maximum	Typical
Angle of Repose	degrees			34 - 38
Bulk Density (Loose)	lb/ft ³			49
	kg/m ³			785
Color				White
Size Guide Number (SGN)		280	320	300
Uniformity Index				60

PARTICLE SIZE ANALYSIS

	Tyler Mesh	US Mesh	mm Mesh	Typical wt. %
Retained on . . .	6	6	3.35	21.0
	7	7	2.80	73.0
	8	8	2.36	93.0
	9	10	2.00	98.0
	10	12	1.70	99.7
	12	14	1.40	100.0
Passing through . . .	12	14	1.40	0.0

Refer to a Safety Data Sheet for more information

To the best of Nutrien's knowledge, the information contained herein is accurate and reliable as of the date compiled; however, Nutrien 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 uses or purposes. Nutrien does not accept any liability for any loss or damage that may occur from any use of this information.

Product is manufactured by the following subsidiary of Nutrien Ltd.:

Agrium Canada Partnership · 13131 Lake Fraser Drive SE · Calgary, Alberta · T2J 7E8 · Canada · 1-800-403-2861