

FERTILIZER PRODUCTS

Source: Augusta, GA

Alternate Names: Urea-Ammonium Nitrate (UAN) Solution, URAN

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CHEMICAL DATA	TYPICAL	GUARANTEED
Total Nitrogen, Wt. %		30.0 ± 0.2
Ammonia Nitrate, Wt. %	42.2	39.5 - 44.6
Urea, Wt. %	32.7	30.8 - 34.7
Alkalinity, as Ammonia, Wt. %	0.03	0.01 - 0.05
Inhibitor: ENDCOR, UAN, ppm	60	
Water, Wt. %	25.1	

PHYSICAL DATA	TYPICAL	GUARANTEED
Appearance		Clear with a slight tint
Specific Gravity @ 60°/60°F	1.303	
Viscosity, cps @ 60°F	4.4	
Salting-out temperature, °F	15	
Freezing point, °F	-16	
Equivalent acidity, lbs CaCO ₃ , Equivalent per 100 lbs Product	54.0	

FORMULATION AND HANDLING FACTORS, 60°F	
Pounds/Gallon	10.85
Gallons/Ton	184.3
Pounds/Cubic Feet	81.2
Pounds N/Gallon	3.26
Pounds/Unit N	66.7
Gallons/Unit N	6.15

PLANT FOOD NITROGEN CONTENT	
Total Nitrogen, Wt. %	30.0
Ammoniacal Nitrogen, Wt. %	7.4
Nitrate Nitrogen, Wt. %	7.4
Urea Nitrogen, Wt. %	15.2

DENSITY (POUNDS PER GALLON) AS A FACTOR OF TEMPERATURE							
20°F	30°F	40°F	50°F	60°F	70°F	80°F	90°F
10.94	10.94	10.91	10.89	10.85	10.82	10.79	10.75

Note: All of the above properties are based on the analysis of a composite sample from a bulk shipment.
Grab samples or individual car samples may fall outside of the specified typical.