

QUANTUM

WATER SOLUBLE FERTILIZER

Quantum 15-3-9

Ammonium Sulphate plus Micros

Guaranteed Minimum Analysis

Nitrogen.....	15.0%	Ammoniacal Nitrogen ...	13.5%
Available Phosphate (P ₂ O ₅)	3.0%	Boron (B)	0.3%
Soluble Potash (K ₂ O)	9.0%	Iron (Fe)	0.5%
Magnesium (Mg)	0.9%	Manganese (Mn)	0.5%
Sulphur (S)	14.0%	Zinc (Zn)	0.1%

Ammonium sulphate: Quantum 15-3-9 water soluble fertilizer contains ammonium sulphate and is suitable for early season applications. Ammonium sulphate is also a component of patch control programs and can be used throughout the season at recommended rates of application.

Quantum 22-4-20

Turf Balance plus Micros

Guaranteed Minimum Analysis

Nitrogen.....	22.0%	Nitrate Nitrogen.....	3.4%
Available Phosphate (P ₂ O ₅)	4.0%	Boron (B)	0.3%
Soluble Potash (K ₂ O)	20.0%	Iron (Fe)	0.5%
Magnesium (Mg)	1.0%	Manganese (Mn)15%
Sulphur (S)	2.0%	Zinc (Zn)15%

Turf Balance: Quantum 22-4-20 water soluble fertilizer is a balanced formulation recommended for maintenance applications at any time of the season. Turf Balance is formulated with three sources of potassium to provide consistent availability during the application window.

Quantum Micronutrients: Formulations of micronutrients in each product are calculated to provide consistent levels of nutrition throughout the growing season. Quantum products are formulated with sulphate forms of micronutrients to improve foliar uptake through soluble sprays.

Solubility: Quantum water soluble fertilizers are formulated with greenhouse grade ingredients. The products dissolve quickly into the spray solution providing ease of use, and professional applications.

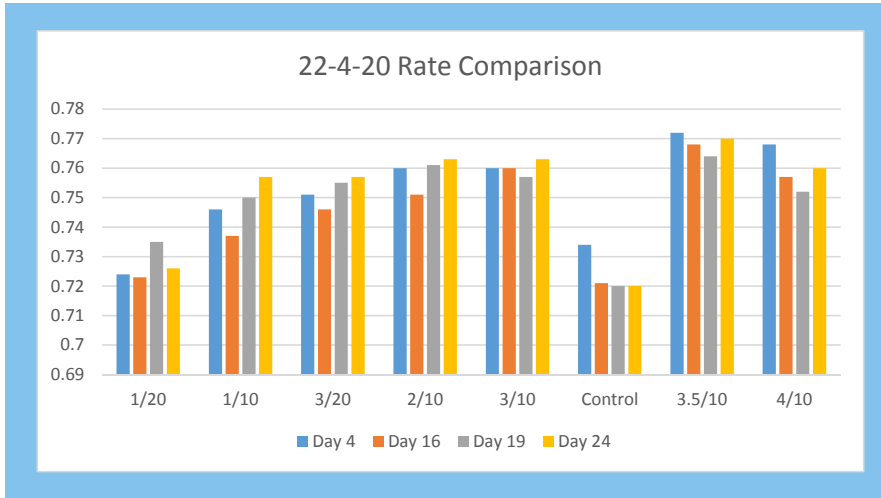


**For more information
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The Effect of Application Rate on Turf Response (lbs actual N/1,000 ft²)



Quantum 22-4-20 water soluble fertilizer was applied at rates of 1/20 to 4/10. Readings were taken at days 4, 16, 19, and 24. The results indicate that an effective response is achieved on the treatments between 1/10 and 2/10. Higher rates show a diminishing return which may be due to increased soluble salt levels. The rate comparison trial was initiated following trials where higher rates of water soluble fertilizers had lower NDVI readings than the control area for a period of 6-8 days.

Application Rate: .10 to .20 lbs. (1/10 -2/10) of actual Nitrogen per 1,000 ft²

Directions for use:

- Read entire label before use. Apply only as directed in the growing season.
- Do not leave product in spray tank without agitation for prolonged periods; mix and use the same day.
- Use 4-8 litres of water per 100 m² (1.0 -2.0 gallons per 1,000 ft²).
- Irrigate following application to remove residue from the leaf surface.
- Store product in a cool dry place out of direct sunlight.
- Always jar test before tank mixing .



Fertilizer with a Purpose™

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