

# Product & Service News from MGCSA Affiliates

(Editor's Note: Affiliate members are offered the opportunity to write a short statement about any product or service news expected for the upcoming season.)

\* \* \* \* \*

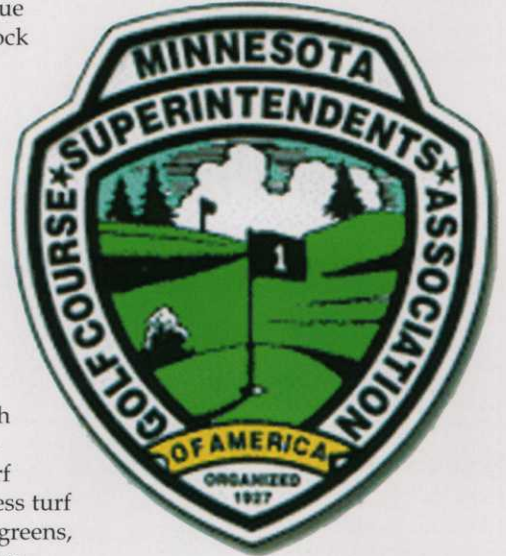
## Aquatrols

Aquatrols is a specialty chemical company engaged in the discovery, development and commercialization of uniquely effective products and technologies for the worldwide turf market. The performance of all Aquatrols products is backed by worldwide research and a team of experts in the field and at their New Jersey headquarters.

In 2002, Aquatrols introduced Dispatch™, a patented synergistic surfactant technology that dramatically increases water penetration through the thatch/mat of turfgrass and significantly reduces runoff on large turf areas like fairways and rough.

Last year, Aquatrols introduced Revolution™, another patented surfactant technology that balances air to water ratios in the

soil. Using a unique methyl-capped block copolymer molecule, Revolution™ creates thinner, more continuous films of water to form on the surfaces of soil particles and organic matter, giving roots more uniform access to both water and oxygen and improving turf health on high stress turf areas like putting greens, tees and approaches.



## The Tessman Company

The Tessman Company is a wholesale distributor of golf, lawncare, landscape, greenhouse and nursery supplies. The following are a few examples of the different type of products we carry: Grass seed, fertilizer, herbicides and fungicides; landscape edging, fabrics, mulches, erosion control; athletic field products - Turface MVP and Quick Dry, line marking chalk; Greenhouse & Nursery growing media, plastics, containers, fertilizers; Professional Ice Melter

Please contact our experienced sales staff at any of our three locations: St. Paul, Fargo or Sioux Falls.

## Twin City Hydro Seeding

In 2006 we've added a new single axle dump that has a 9" auger with chute on the rear. These attachments have proven to work well for walking and cart path construction. We're able to drive directly down the path dispensing soil along the edge. The attachments eliminate most of the handwork, saving on labor costs.

What is BFM? Bonded Fiber Matrix (BFM) is used for temporary erosion control, where erosion blankets are impractical and/or too expensive, and other mulching methods are inadequate to do the job. Bonded Fiber Matrix is proven to hold even on the steepest slopes. No hill is too steep. Bonded Fiber Matrix is formulated to endure the harsh conditions of heavy rains and snow, giving plants time to establish themselves.

Please visit our website at [www.twincityhydroseeding.com](http://www.twincityhydroseeding.com) and call us for more information or with any questions at 651-628-9087.

## MTI DISTRIBUTING

Your Exclusive Andersons Distributor

### When Every Square Inch Counts

Experience the Andersons formulation advantage on your fairways

The photos below illustrate the difference in particle size and uniformity between the Andersons small and mid-size fairway fertilizer and a competitor's product. Notice no nutrient segregation with Andersons mid-size due to uniform particle sizing versus significant nutrient segregation with competitor.

Andersons 25-3-9 + 2% Fe (150 SGN)



1 lb of N per 1,000 = 175 lbs./acre = 3.7 particles per sq. in.

Local Competitor 15-5-10 (215 SGN)



1 lb of N per 1,000 = 290 lbs./acre = 2.0 particles per sq. in.

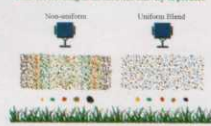
The matrix shown below demonstrates a dramatic increase in particle coverage (PPSI) by using smaller particle products versus increasing the rate (lbs.) of a larger particle product.

POUNDS/ACRE	Particles Per Square Inch Matrix 20-5-20 Fertilizer with 5% Nutrients									
	80	100	125	150	175	215	240	300	SGN	SGN
100	15.0	7.7	3.9	2.3	1.4	0.8	0.6	0.3		
125	18.7	9.6	4.9	2.8	1.8	1.0	0.7	0.4		
150	22.5	11.5	5.9	3.4	2.1	1.2	0.8	0.4		
175	26.2	13.4	6.9	4.0	2.5	1.4	1.0	0.5		
200	30.0	15.4	7.9	4.5	2.9	1.5	1.1	0.6		
225	33.7	17.3	8.8	5.1	3.2	1.7	1.2	0.6		
250	37.5	19.2	9.8	5.7	3.6	1.9	1.4	0.7		
300	45.0	23.0	11.8	6.8	4.3	2.3	1.7	0.9		
Avg. SG (g/ml) = 1.8										

The illustration below shows the effect of using a non-uniform fertilizer product. Note the severe skewing and banding of different nutrients.

Uniform Particle Distribution  
Spreadability - Particle Flight

Varying particle sizes and density cause irregular ballistic behavior resulting in inconsistent delivery of product.



"Get the Andersons small or midsize particle advantage"

- Andersons small and mid-size fertilizer blends provide a uniform application of nutrients across the entire spreader swath.
- Andersons fertilizer blends provide up to 7 times more particles per square inch (PPSI) than typical fairway grade products.
- Avoid inconsistent turf response by experiencing the Andersons formulation advantage. Compare Andersons SGN advantages and discover true performance and value.

