



## Soluble Fertilizer Preparation

Golf course superintendents are by nature creative, and Tony Rahe of Dacotah Ridge Golf Club in Minnesota is certainly no exception. Tony likes to use UMAXX® Stabilized Nitrogen in his soluble programs and he developed a simple system that helps screen any insolubles from entering the tank. Additionally, it helps increase his work efficiency as it prepares the next tank load while he is making an application.



"In order to melt the UMAXX product faster so it would be ready when the sprayer came in to refill, I use a 30 gallon drum with a sump pump in the bottom and piped it to the top and added a shower head. On my piping going to the shower head I teed off and have a valve so I can fill the sprayer with UMAXX as I'm adding other products. Once the sprayer is ready to go, I dump another 50 lb bag into a straining basket, fill with about 20 gallons of water and let the shower head 'melt' away the granular. Sounds pretty goofy but works like a charm!!"

-Tony Rahe, Superintendent  
Dacotah Ridge Golf Club  
Morton, Minnesota

Comments taken from **TurfNet** Forum May, 2007



Here are the components of Tony's fertilizer "Melter". This is a practical, inexpensive solution to efficiently preparing a soluble fertilizer tank mix, and minimizing insoluble contaminants in the solution.

When "melting" urea, or urea based nitrogen remember that the warmer the water, the quicker it will go into solution. Also, check the label of any control products intended for tank mixing and make sure the pH of the water is buffered to optimize efficacy.

### Directions for Use

#### ***Pounds of UMAXX Per 100 Gallons***

<u>Delivery Rate</u>	<u>Coverage (Sq.Ft.)</u>	<u>1#N/M</u>	<u>0.75#N/M</u>	<u>.5#N/M</u>	<u>.25#N/M</u>	<u>.1#N/M</u>
1	100,000			106	53	21
2	50,000	106	80	53	26	10
2.5	40,000	86	64	43	21	8
3	33,000	70	53	35	17	7
3.5	28,750	61	46	30	15	6
4	25,000	53	40	27	13	5

For more information go to [www.stabilizednitrogen.com](http://www.stabilizednitrogen.com)