**Maintenance Research Bulletin: December 2011**

**NTREC New Technology Research Equipment Committee**
**MOR Maintenance Operations Research**

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**Kuper Tuca SX Wave Cutting Edge**

This blade incorporates a tungsten carbide cutting edge imbedded in steel and rubber. The wave provides efficient movement of snow and cooling openings control blade heat. The Kuper Wave Technology diverts snow across a curved profile for optimal removal then the snow is moved over the mounting elements without resistance. With the rising cost of the JOMA blades (nearly a 50% increase from past years) there is a need to find a durable alternative. MnDOT will compare these to the JOMA and Polar Flex blades to see how well they clean the road surface, their overall durability and whether or not they allow operators to reduce their material output.

*For more information contact:*
Ryan Otte 651/366-3585  
Statewide Maintenance Research Project Manager  
Central Office  
www.kueperblades.com

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**Upcoming Events**

16th Annual TERRA Pavement Conference  
U of M Continuing Education Conference Center, St. Paul  
February 9, 2012

Northland Chapter ATSSA “How To” Conference  
Ramada Plaza Suites, Fargo, ND  
March 13-14, 2012

Implementation Money!  
The list of projects is currently being created. Implementation selection will begin in January

Season’s Greetings from all of us in the Office of Maintenance, Research and Training Section

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**Have a Safe Holiday Season!!**

**Comments? Questions?**

**Maintenance Research Program Manager**

651/366-3545  
Clark Moe

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**Your Destination...Our Priority**