Nitrogen Management in Sweet Corn (Final Report) Vince Fritz and Carl Rosen Department of Horticultural Science Department of Soil, Water, and Climate UNIVERSITY OF MINNESOTA EXTENSION Driven to Discover**

Why is this Research Necessary? Improve Input Cost Efficiency Reduce N Loss from Runoff or Leaching Variety Differences in N Use Efficiency Seasonal Impact on Soil N mineralization Need for N Calibration with Newer Hybrids? UNIVERSITY OF MINNESOTA EXTENSION

Approach and Design • 3 – yr. Study • High Organic Matter Soil, Non-irrigated Site (Waseca) • 2 Varieties (GSS1477 and Magnum II) • 6 N Rates (0, 40, 80, 120, 160, 200) • 3 Populations (22, 25, 28 K/Acre) • 2 Planting Dates (May 1 and June 1) UNIVERSITY OF MINNESOTA EXTENSION







































