

2001 Demo Plot Results

46-0-0 vs. Biosolids

Crop: Wheat Variety: Pioneer 25R57 Planting Date: October 9, 2000 Seeding Rate: 2 Bu./Acre Yield Goal: 50 bu/acre Harvest Date: July 18, 2001	
Fertilizer Plot	Biosolids Plot
Soil Test Results Nitrate-N: 18.6 ppm Ammonium-N: 3.2 ppm Bray P1: 102 lbs/acre Potassium: 690 lbs/acre Calcium: 5760 lbs/acre Magnesium: 790 lbs/acre pH: 7.9 CEC: 18.6 meq/100g	Soil Test Results Nitrate-N: 17.7 ppm Ammonium-N: 4.3 ppm Bray P1: 124 lbs/acre Potassium: 1170 lbs/acre Calcium: 5760 lbs/acre Magnesium: 333 lbs/acre pH: 8.0 CEC: 17.3 meq/100g
Fertilizer (46-0-0) Date Applied: October 2, 2000 Rate: 80 lbs/acre PAN² applied: 36 lbs/acre	Biosolids¹ Date Applied: October 2, 2000 Rate: 0.84 Dry Tons/Acre PAN² applied: 36 lbs/acre
Yield: 58 bu/acre	Yield: 77 bu/acre
Moisture: 12.4%	Moisture: 12.2%
Test Weight: 61.61 lbs/bushel	Test Weight: 61.61 lbs/bushel

¹ Source: City of Mason Wastewater Treatment Facility

² PAN = Plant Available Nitrogen