



## 2003 Agri-Valley Farm Management Test Plot

<b>Farm Owner:</b>	Steve Trede
<b>Operator:</b>	Steve Trede
<b>Contact People:</b>	Chad McCollester (712) 329-8460
<b>Location:</b>	8 ½ miles East of Council Bluffs, on Highway 92, Treynor, IA
<b>Soil Types:</b>	Corn: Ackmore, and Nodaway Soybeans: Ackmore, and Napier
<b>Planting Dates:</b>	Corn: May 18, 2003 Soybeans: May 29, 2003
<b>Harvest Dates:</b>	Corn: October 15, 2003 Soybeans: October 6, 2003
<b>Planting Populations:</b>	Corn: 30,800 Soybeans: 166,000
<b>Fertilizer:</b>	Corn: 145# Spring applied Anhydrous, 8-20-20 Starter Soybeans: Carryover from last year
<b>Herbicide:</b>	Corn: Preplant-Cinch & Hornet Soybeans: Preplant-Trust Conventional- Postemerge- Firstrate/Blazer/Assure II Roundup- Postemerge-Roundup Ultra
<b>Planters:</b>	Corn: International Cyclo 900 6-30" Soybeans: International Cyclo 900 6-30"
<b>Unadjusted Yield:</b>	Represents the actual unadjusted #2 yield at 15.0% for corn, and 13.0% for soybeans.
<b>Adjusted Yield:</b>	Represents the harvest yield for each hybrid/variety adjusted for soil variation. The adjustment is calculated by averaging the checks on either side of the entries, and subtracting the average from the plot base, then adding or subtracting the difference to the entry.
<b>Rank:</b>	Order of hybrids/varieties according to the adjusted yield and income per acre.
<b>P.I.:</b>	(Performance Index) is a percentage of the plot average. Any hybrid/variety with a performance index greater than 100 yielded better than the plot average.

**Gross Income per Acre:** Is calculated using \$2.00/bu for the corn and drying costs of \$.02/bu per point down to 15.0%. For the Soybeans it is calculated using \$7.28/bu, and drying costs of \$.02/bu per point to 13.0%.