



Fall of 2011 October 14, 2011

First Full Report of Trials from our Partners in Illinois – Channel Seed Co., D&M Co. and Orthman Manufacturing

After a tough year that started out fine but came to a sliding halt with very little rain in the last part of the season the team in the Peoria, Illinois area have sent us their results. Wanted you all to see that in a dry year for the Corn Belt, the Orthman Strip-Till System in both twin-row technology (by Great Plains) and single row corn all planted on 30 inch centers did pretty good.

We want to extend a big Thank You to all the folks involved for their dedication, hard work and long hours to expose this to the Illinois growers and to the rest of you who read our Precision Tillage website. It is great news and does point to the fact getting plants off on the right foot can be beneficial when you stick the combine snouts into the field and gain the rewards. Everything was fertilized with the same amount of products and planted within hours of one another. Tillage was the largest variable.

Please read and enjoy.

Summary of the differing tillage types portion of this large set of demonstration plots which include numerous hybrids of the Channel Seed Company

Tillage	30" Row Config	Planting Pop.	Bu/Acre @ 15% mst	Harvest Moist %	Tst Wt. lbs/bu
Blue Jet	Single row	36,000	184.8	21.0	58.4
Blue Jet	Twin-Row	36,000	180.2	22.5	57.6
Chisel plow	Twin-Row	36,000	189.7	22.7	56.7
Chisel plow	Single row	36,000	183.4	21.8	58.5
Competitor Strip-Till	Single row	36,000	165.2	22.0	57.7
Competitor Strip-Till	Twin-Row	36,000	165.7	21.9	57.1
Turbo Till/Mole Knife-Competitor Strip-Till	Twin-Row	36,000	164.9	21.8	57.0
Turbo Till/Mole Knife-Competitor Strip-Till	Single row	36,000	164.6	22.4	57.1
Turbo Till	Single row	36,000	145.5	21.4	57.8
Turbo Till	Twin-Row	36,000	157.4	21.7	58.5
Turbo Till/Orthman	Twin-Row	36,000	191.9	21.7	57.4
Turbo Till/Orthman	Single row	36,000	192.5	22.2	57.4
Orthman 1tRIPr	Single row	36,000	205.1	21.5	58.4
Orthman 1tRIPr	Twin-Row	36,000	215.7	22.0	58.7

Report by Dan Parker, Channel Seed Co.