

Quad County On Farm Research Group

Years: 2004-2005

Title: Shred vs No Shred Study

Crop: Irrigated Corn

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Objective: Tillage systems are changing. Each practice needs to be evaluated. Is shredding stalks needed? Is there a yield advantage for shredding stalks under irrigated conditions?

Treatments: Shred vs No Shred.

2004 On-Farm Research Results Shred vs Not Shred

Results: Gravity irrigated field (*corn on corn replicated 6 times*)

Stalks shred in fall – 213 bu./acre corn

Stalks not shred – 218 bu./acre corn¹

¹ Significant at the 5% level.

2005 On-Farm Research Results Shred vs Not Shred

Results: Two pivot & one gravity irrigated
(*corn on corn fields with a total of 14 replications.*)

Stalks shred – 198 bu./acre corn

Stalks not shred – 201 bu./acre corn¹

¹ Not Significant at the 5% level.

Summary: Shredding stalks showed no significant yield advantage when compared to not shredding stalks on the four fields tested by Quad County producers.