



On-Farm Comparison Results

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Years: 1998 & 2001

Title: Impact of Early Harvest vs. Conventional Harvest Date

Crop: Corn

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Objective: To determine and document the effect of early harvest vs. conventional harvest date on the profitability of corn production.

Treatments: Early harvest date (22-27% moisture) vs. conventional harvest date (15-18% moisture)



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Results:

	<u>Variable</u>	<u>Early,</u>	<u>Conventional,</u>	<u>Prob >/T/</u>
Corn	Harvest Yield,			
1998	bu/ac at 15.5%	186	162	0.0007 ***
Pion.	Moisture, %	29.7	16.2	0.0001 ***
34R06	Field Loss, bu/ac	4	12	0.11 ns
	Total Yield, bu/ac	190	174	0.014 **

	<u>Variable</u>	<u>Early,</u>	<u>Conventional,</u>	<u>Prob >/T/</u>
Corn	Harvest Yield,			
2001	bu/ac at 15.5%	164	159	0.142 ns
Pion.	Moisture, %	30.7	17.4	0.0001 ***
31A13	Field Loss, bu/ac	0.6	0.7	0.658 ns
	Total Yield, bu/ac	164	160	0.152 ns



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Summary: In 1998, corn harvested early contained 13.5% more moisture than the late harvested corn. When corrected for moisture, the early harvest resulted in significantly higher yield. Field loss was slightly higher (significant at the 80% confidence level) for late harvest. However, adjusting for field loss, the yield for early harvest was still significantly higher. In 2001, early harvested corn contained 13.3% more moisture. When corrected for moisture, the early harvested corn yielded only slightly more (significant at the 80% confidence level) and there was no difference in the amount of field loss. These results are not in agreement with the 1998 results, however, two different hybrids were involved.