

## A COMPARISON OF THE MOLD BOARD PLOW AND THE ROTO TILLER WHEN USED AS SPRING TILLAGE IMPLEMENTS FOR THE PRODUCTION OF CORN AND WHEAT IN A TWO YEAR ROTATION.

This trial compares the production of corn and wheat, in a two year rotation, planted following spring tillage with the roto-tiller, and production of corn and wheat planted following spring tillage with the moldboard plow.

Yields are recorded in table 34.

<b>Table 34. Yields of Wheat and Corn on Roto tilled Land and on Spring Plowed Land.</b>						
Treatment	Yield*				1964	2 Year Average
	1	2	3	Av.		
Wheat on Roto Tilled Cornland	23.6	23.6	19.6	22.3	7.9	15.1
Wheat on Spring Plowed Cornland	20.4	26.7	27.5	24.9	8.2	16.6
Corn on Rototilled Stubble Land	6.5	4.6	5.6	5.6	5.2	5.4
Corn on Spring Plowed Stubble Land	6.9	6.6	5.7	6.4	4.4	5.4

\*Yield of Wheat in bushels per acre. Yield of corn in tons of corn silage per acre at 70% moisture.

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**[Email: drec@ndsuent.nodak.edu](mailto:drec@ndsuent.nodak.edu)**

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