

# 2011 CMDC

# Crop Residue Removal Impacts

# Varvel

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### Irrigated stover removal study at Mead, NE, 2009-2010

Tillage	Stover removal	Grain yield		Stover	
	(%)	Bu/a	Total lbs/a	Removed lbs/a	%
Disk	0	226.6	10677	0	0
	50	233.0	10684	3816	36
	100	238.6	11241	8549	76
	Mean	232.7	10867		
No tillage	0	203.1	9659	0	0
	50	231.2	11018	4323	39
	100	226.9	10145	8230	81
	Mean	220.4	10274		

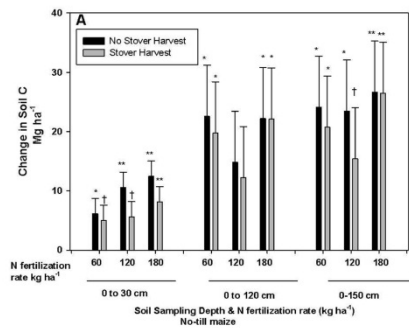
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### Rainfed stover removal study averages at Mead, NE, 2000-2010

N Rate	Stover removal	Grain yield		Stover	
		Bu/a	Total lbs/a	Removed lbs/a	%
60	0	88.4	4659	0	0
60	All	81.6	4317	2330	54
120	0	116.0	5347	0	0
120	All	115.3	5509	2896	53
180	0	113.9	5435	0	0
180	All	115.8	5401	2881	53
	0	106.1	5147	0	0
	All	104.2	5076	2702	53

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### Change in soil C from 1998 to 2007 under no-till corn, Mead, NE



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