

Individual Field Information**Rancho Cantera LLC**

Field Name:	<u>Molitor 50</u>	Total Acres	40.6
		Non-Spreadable Acres	2.3
Township	Kent	Total Spreadable Acres	38.3
Section	15		
FSA Farm #	0	Predominant Soil Type:	419C2 Flagg silt loam
FSA Tract #	0	P test	--
FSA Field #'s	0	K test	--

Individual Field Application & Nutrients

Crop needs	Year	2009	2010	2011	2012	2013	2014
Crop		Corn	Corn	Corn	Corn	Corn	Corn
Yield	(bu/acre OR ton/acre)		195	195	195	195	195
N needed (lbs/ac)	lbs/ac		197	197	197	197	197
- Commercial fertilizer N credits	(lb/acre)						
- Manure N carryover credit **	(lb/acre)		0.0	0.0	11.9	6.0	14.9
Total N Credits	(lb/acre)		0.0	0.0	11.9	6.0	14.9
Crop N Need Minus Credits	(lb/acre)		197.0	197.0	185.1	191.0	182.1
Maintenance P needed *	(lb/acre)		83.9	83.9	83.9	83.9	83.9
Maintenance K needed *	(lb/acre)		54.6	54.6	54.6	54.6	54.6

* Maintenance P & K needed are listed for calculation & uptake purposes only

** Manure N carryover credit = Previous years' apps * Org N * Mineralization factor

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Molitor 50		2009	2010	2011	2012	2013	2014
Manure Application		Corn	Corn	Corn	Corn	Corn	Corn
Storage				Holding Pond		Holding Pond	
Application Method				Broadcast		Broadcast	
Storage/Application Method				LINE1		LINE1	
1st Year Available N (<i>Am-N * N retention due to app method</i>) + (<i>OrgN * .35</i>)	(Lbs/1000 Gal or Lbs/Ton)			4.27		4.27	
N App Rate (<i>Crop N Need / 1st Yr Av N</i>)	(1000 Gal/Acre or Ton/Acre)			46.1		44.7	
P App Rate (<i>Maintenance P / P in analysis</i>)	(1000 Gal/Acre or Ton/Acre)			23.29		23.29	
Apply at Prate or Nrate?				Prate		Prate	
Application Rate to Use	(1000 Gal or Ton)		0.0	23.3	0.0	23.3	0.0
Total application (<i>App Rate * Spreadable Acres</i>)	(Gallons or Tons)			892,977		892,977	
N applied (<i>1st Year AvN * App rate</i>)	(Lbs/Acre)			99		99	
P applied (<i>P in manure * App rate</i>)	(Lbs/Acre)			84		84	
K applied (<i>K in manure * App rate</i>)	(Lbs/Acre)			132		132	
Additional N Needed	(Lbs/Acre)		197	98	185	92	182
Acres Covered	(Acres)		0.0	38.3	0.0	38.3	0.0