

# CORN PLOT HARVEST DATA ENTRY FORM



Nachurs East Region



<b>Distributor</b>	Freeland Bean & Grain, Freeland MI					<b>Phone</b>	
<b>Cooperator</b>	K&H Farms					<b>Phone</b>	
<b>Address</b>	Midland, MI						
Planted:	May 8 2015			Prior Yr Herb:		Soil pH:	
Harvested:	October 21 2015			Pre-E Herb:		Organic Matter:	
Tillage:	CONV	MIN <input checked="" type="checkbox"/>	RIDGE	NO-TILL	STRIP	Post-E Herb:	
Previous Crop:	CORN	SOY	OTHER <input checked="" type="checkbox"/>	Soil Type:		Hybrid:	NuTech
						Irrigated:	No
						Population:	32000

Entry	# of Rows	Row Width (in)	Row Length (ft)	Acres	Total Weight (lbs)	% Moisture	Test Weight	Yield bu/ac @15.5%	Other Comments
1									
2 Rhyzo-Link 9-15-3 @ 5 gal	32	30	863	1.585	21034	31.6	49.0	<b>191.8</b>	
3 Rhyzo-Link 3-10-13 @ 5 gal	32	30	863	1.585	22134	28.9	51.0	<b>209.8</b>	
4 Untreated check (no starter)	32	30	863	1.585	21077	27.3	49.0	<b>204.3</b>	
5 Rhyzo-Link 9-15-3 @ 4 gal + Rhyzo-Link 0-0-15 @ 1 gal	32	30	863	1.585	21495	27.9	50.4	<b>206.6</b>	
6 NACHURS Triple Option @ 5 gal	32	30	863	1.585	21424	27.7	50.3	<b>206.5</b>	
7 NACHURS Impulse @ 5 gal	32	30	863	1.585	21388	27.2	51.0	<b>207.6</b>	

## Calculating Yields

### Standard Formula for Corn:

Bu/Ac at 15.5% = (100 - % moisture) x (total wt) x 110.465 / (row length)/(row width in inches x number of rows)

**Example:** 5100 lbs. of corn at 19% moisture from 6, 30" rows that are 1200' long

$$(100 - 19) \times 5100 \times 110.465 / 1200 / (6 \times 30) = 211.3 \text{ Bu/Ac at 15.5\% moisture}$$

### Acreage Formula

$$(\# \text{ of rows} \times \text{row width in feet}) \times \text{row length} / 43,560 \text{ sq ft/Ac} = \text{number of acres}$$