

# CORN PLOT HARVEST DATA ENTRY FORM



Nachurs South Region



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Planted:	5/4/2015			Plot location:	Gracey, KY	Foliar treatment date:	5/28/2015		Soil pH:	6.7		
Harvested:	9/10/2015			Pre-E Herb:	Gramoxone XL, Warrior II				Organic Matter:	2.8		
Tillage:				NO-TILL	Post-E Herb:	Halex GT, Aatrex				Irrigated:	No	
Previous Crop:	CORN	SOY	OTHER		Fertility:	40 gal UAN32 side-dress		Hybrid:	NK N70J-3011A		Population:	30,000

	Entry	# of Rows	Row Width (in)	Row Length (ft)	Acres	Total Weight (lbs)	% Moisture	Test Weight	Yield bu/ac @15.5%	Other Comments
1	NACHURS SRN @ 1.5 gal	2	30	40	0.005		19.2	54.2	<b>225.7</b>	
2	NACHURS Finish Line @ 1 qt	2	30	40	0.005		19.3	54.5	<b>222.0</b>	
3	Untreated check	2	30	40	0.005		18.9	54.4	<b>221.1</b>	
4	NACHURS SRN @ 1.5 gal + NACHURS Finish Line @ 1qt	2	30	40	0.005		19.3	54.1	<b>220.3</b>	
5	NACHURS Finish Line @ 2 qt	2	30	40	0.005		19.1	54.3	<b>211.4</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

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