

# CORN PLOT HARVEST DATA ENTRY FORM



Nachurs Northern Region



Distributor	George Brothers Propane and Fertilizer					Phone						
Cooperator	5N Farms -- Lyle Nunnenkamp					Phone						
Address	Saronville, NE											
Planted:	4/28/2015				Prior Yr Herb:					Soil pH:		
Harvested:	10/21/2015				Pre-E Herb:					Organic Matter:		
Tillage:	CONV	MIN	RIDGE	NO-TILL	STRIP	Post-E Herb:					Irrigated:	Yes
Previous Crop:	CORN	SOY	OTHER			Soil Type:	Clay Loam	Hybrid:	Pioneer 32B09 white	Population:	34,000	

	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 6-24-6 @ 3.5 gal	12	30		0.970	12632	15.8		231.0	
2	NACHURS EXP10WOK @ 3.5 gal	12	30		0.970	13,048	16		240.0	
3	NACHURS Impulse @ 3.5 gal	12	30		0.970	13,058	16.2		239.0	
4	Rhyzo-Link EXP9WOK @ 3.5 gal	12	30		0.970	13,062	16.2		239.0	
5	Rhyzo-Link EXP9WO @ 3.5 gal	12	30		0.970	13,358	16.3		244.0	
6	Rhyzo-Link EXP9PBWO @ 3.5 gal	12	30		0.970	12,432	16.1		227.0	
7	Rhyzo-Link 9-15-3 @ 3.5 gal	12	30		0.970	13,157	16.4		239.0	Best standing corn in plot
8	NACHURS 6-24-6 @ 3.5 gal	12	30		0.970	12,936	16.1		236.0	

## 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

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