

CORN PLOT HARVEST DATA ENTRY FORM



Nachurs South Region



Contact	Dr. Bruce Kirksey					Phone						
Cooperator	AgriCenter International					Phone						
Address	Memphis, TN											
Planted:	4/13/2015			In-furrow rates	4 gallons per acre			Soil pH:	6.3			
Harvested:	10/1/2015			Pre-E Herb:				Organic Matter:	1.7			
Tillage:	CONV	MIN	RIDGE	NO-TILL	STRIP	Post-E Herb:				Irrigated:	No	
Previous Crop:	CORN	SOY	OTHER			Soil Type:	11.3% sand, 71.0% silt, 17.7% clay	Hybrid:			Population:	32,000

	Entry	# of Rows	Row Width (in)	Row Length (ft)	Acres	Total Weight (lbs)	% Moisture	Test Weight	Yield bu/ac @15%	Other Comments
1	Untreated check	3	30	25	0.004				128.6	
2	NACHURS 6-22-6-1S	3	30	25	0.004				166.6	
3	Rhyzo-Link 9-15-3	3	30	25	0.004				156.8	
4	Rhyzo-Link 3-10-13	3	30	25	0.004				167.0	
5	NACHURS 9-18-9-1S-.2Zn	3	30	25	0.004				172.0	

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

(# of rows X row width in feet) X row length / 43,560 sq ft/Ac = number of acres