

CORN PLOT HARVEST DATA ENTRY FORM



Nachurs East Region



Distributor	Illini FS, Dewey, IL					Phone						
Cooperator	Andersons					Phone						
Address	Mahamet, IL											
Planted:						Application:	Side-dress corn			Soil pH:		
Harvested:						Pre-E Herb:				Organic Matter:		
Tillage:	CONV	MIN	RIDGE	NO-TILL	STRIP	Post-E Herb:				Irrigated:	No	
Previous Crop:	CORN	SOY	OTHER			Soil Type:			Hybrid:	Stone 6438	Population:	

	Entry	# of Rows	Row Width (in)	Row Length (ft)	Acres	Total Weight (lbs)	% Moisture	Test Weight	Yield bu/ac @ 15.5%	Gross income @ \$3.54/bu
1	UAN28 @ 20 gal + NACHURS K-flex @ 2 gal	8	30	1000	0.459	5820	20.2		213.8	\$756.73
2	UAN28 @ 20 gal	8	30	1000	0.459	5366	21.2		194.6	\$688.96

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

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