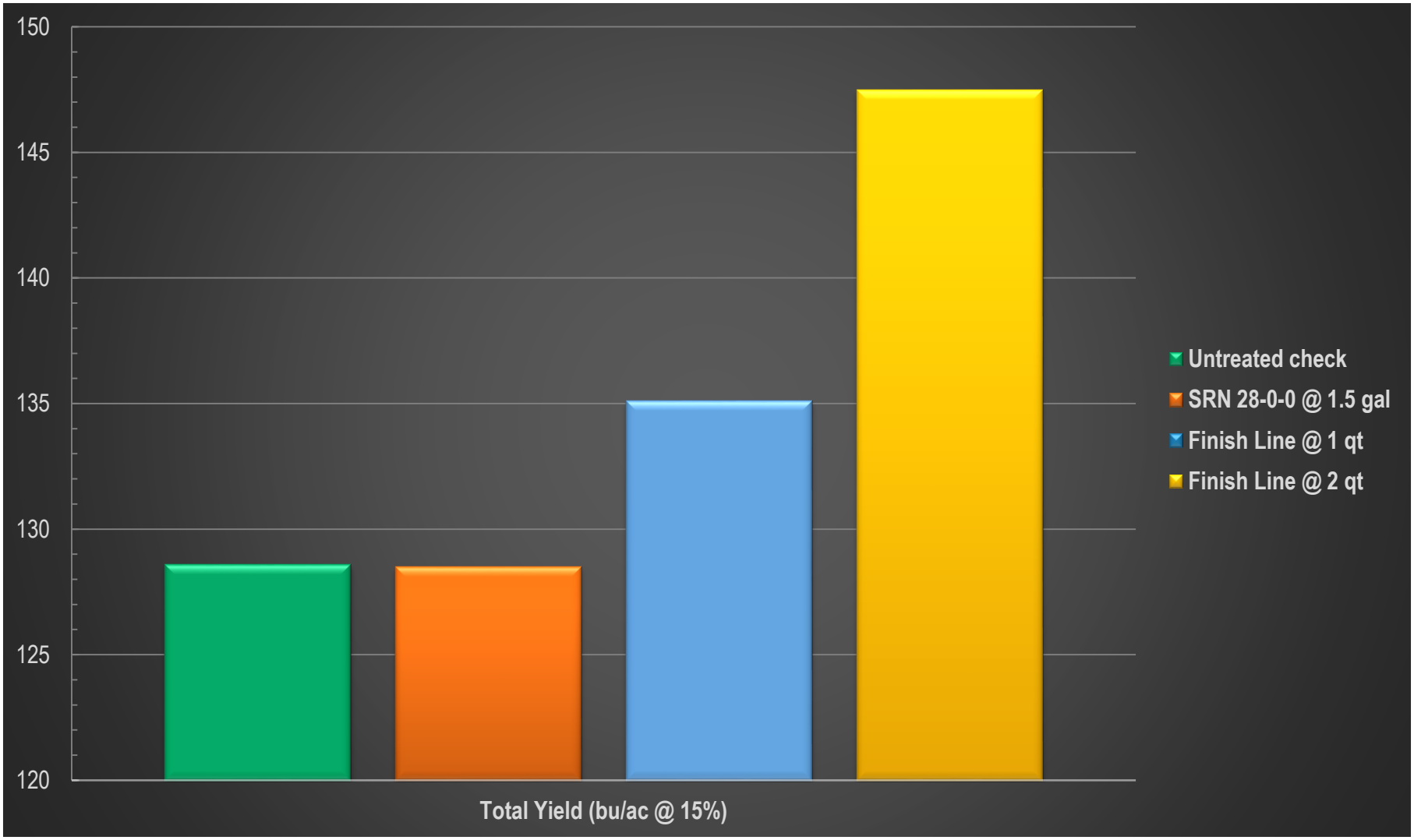
2015 AgriCenter International-Memphis, TN

Foliar corn trial*



*Applied at 30 inch plant height

CORN PLOT HARVEST DATA ENTRY FORM

NACHURS™

Nachurs South Region

TAKE THE NACHURS® CHALLENGE

Contact	Dr. Bruce Kirksey									**Phone**			
Cooperator	AgriCenter International									**Phone**			
Address	Memphis, TN												
Planted:	4/13/2015					Plant stage:	30" plant height			Soil pH:	6.3		
Harvested:	10/1/2015					Application date:	6/2/2015			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 28-0-0 SRN @ 1.5 gal**	3	30	25	0.004				**128.5**	
3	**NACHURS Finish Line @ 1 qt**	3	30	25	0.004				**135.1**	
4	**NACHURS Finish Line @ 2 qt**	3	30	25	0.004				**147.5**	

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) X 5100 X 110.465 / 1200 / (6 X30) = 211.3 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