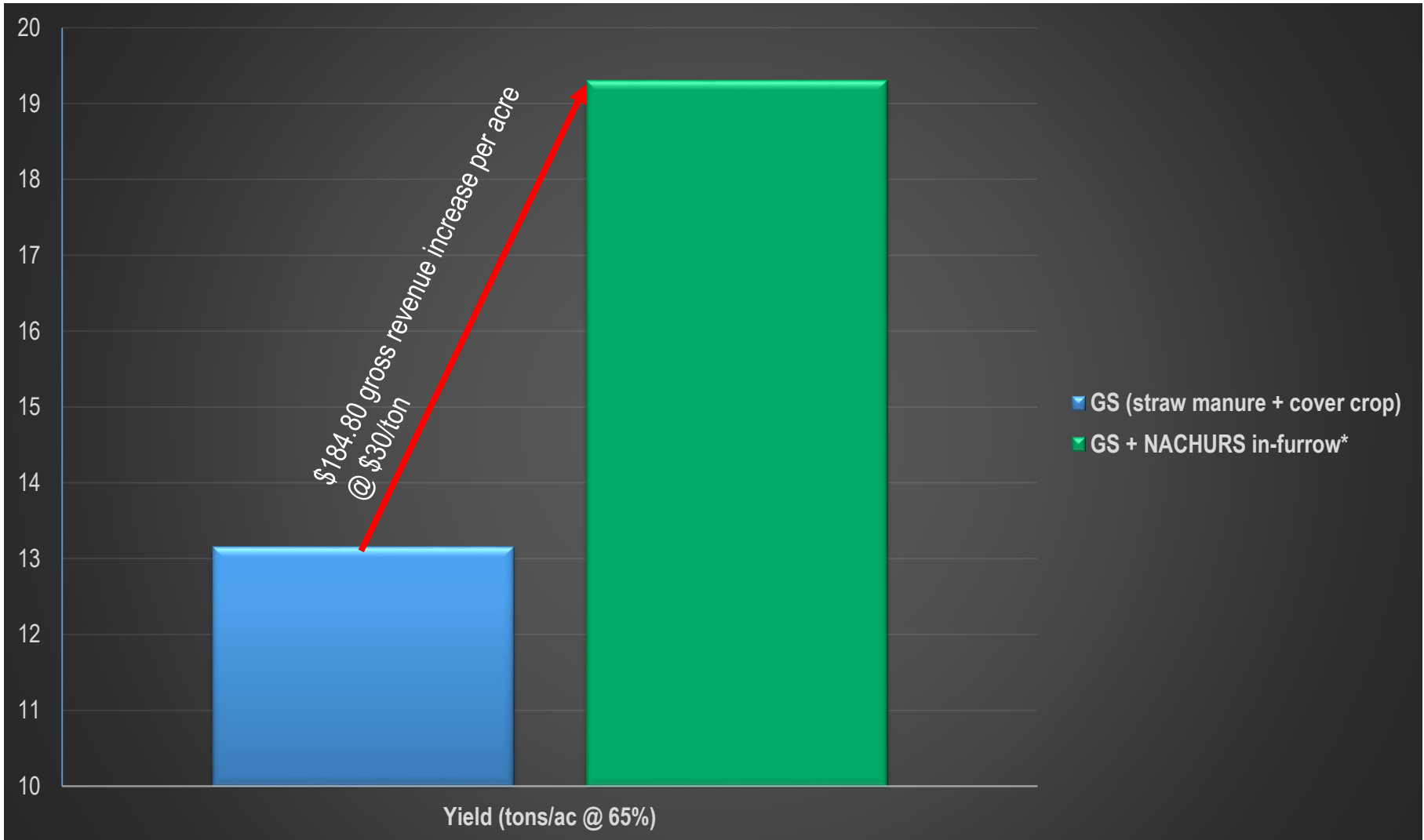


2015 Turkey Creek Farms Corn Silage Trial

GlenElla Dairy, LLC



*1.5 gal 6-24-6 + 1.5 gal Rhyzo-Link 3-10-13 + 1 pt 9% Zn + 1 pt 2.5% Mg

CORN SILAGE HARVEST DATA ENTRY FORM



NACHURS East Region



Distributor: Turkey Creek Farms						Phone: 856-498-9583			
Cooperator: Turkey Creek Farms						Phone:			
Address: 56 Friesburg Road, Elmer, New Jersey 08318									
Planted: 5-28-2015			Plot location: GlenElla Dairy, LLC				Soil pH:		
Harvested: 9-4-2015			Pre-E Herb:				Organic Matter:		
Tillage:		MIN				Post-E Herb:		Irrigated: No	
Previous Crop:			OTHER			Soil Type: loamy sand		Variety: TMF2L825	Population: 30,400

Entry	# of Rows	Row Width (in)	Row Length (ft)	Acres	Total Weight (lbs)	% Moisture	Test Weight	Yield bu/ac @ 65%	Other Comments
1 Grower Standard (straw manure + cover crop)	8	30	807	0.371	7580	55		13.15	
2 Grower Standard + 1.5 gal 6-24-6 + 1.5 gal Rhyzo-Link 3-10-13 + 1 pt 9% Zn + 1 pt 2.5% Mg	8	30	807	0.371	11130	55		19.31	

Calculating Yields

Standard Formula for Soybeans:

Bu/Ac at 13% = (100 - % moisture) x (total wt) x 100.138 / (row length)/(row width in inches x number of rows)

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: 1300 lbs. of soybeans at 11% moisture from 6, 30" rows that are 1200' long

$$(100 - 11) \times 1300 \times 100.138 / 1200 / (6 \times 30) = 53.6 \text{ Bu/Ac at 13\% moisture}$$

Acresage Formula

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