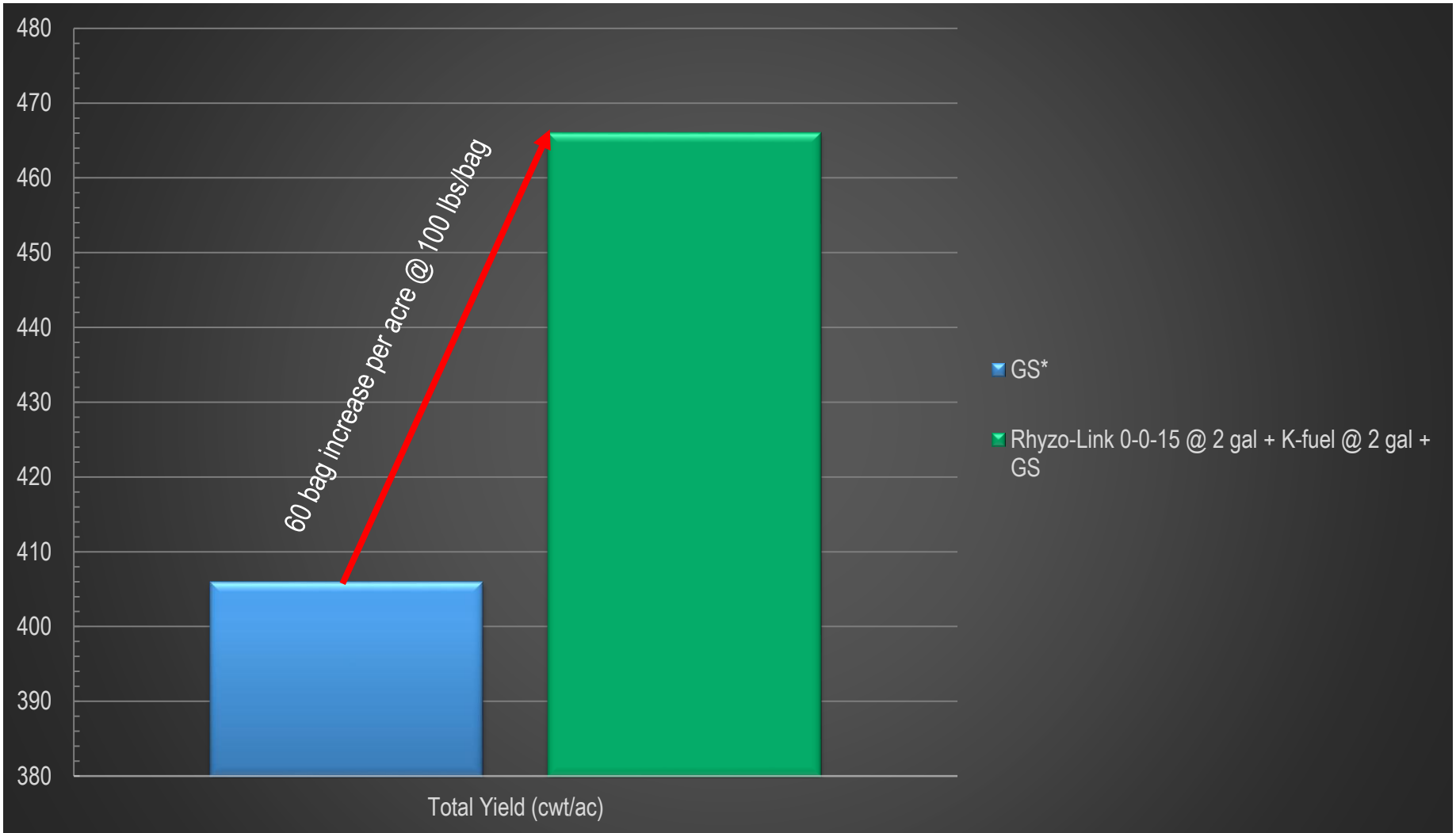


2015 Coastal Potato trial-South Carolina

In-furrow fertility on seed piece



* 40 gal 11-37-0

POTATO PLOT HARVEST DATA ENTRY FORM



Nachurs South Region



Distributor: Coastal AgroBusiness						Phone			
Cooperator:						Phone			
Address: Aiken, SC									
Planted: 4/17/2015				Prior Yr Herb:			Soil pH:		
Harvested:				Pre-E Herb:			Organic Matter:		
Tillage:	CONV	MIN	RIDGE	NO-TILL	STRIP	Post-E Herb:		Irrigated: Y / N	
Previous Crop:	CORN	SOY	OTHER	Soil Type:			Variety: 67	Population:	

Entry	# of Rows	Row Width (in)	Row Length (ft)	Acres	Total Weight (lbs)	% Moisture	Test Weight	Yield lbs/ac	Other Comments
1 11-37-0 @ 40 gal on seed piece								40,600	406 bags
2 11-37-0 @ 40 gal + K-fuel @ 2 gal + Rhyzo-Link 0-0-15 @ 2 gal on seed piece								46,600	466 bags

Calculating Yields

Standard Formula for Soybeans:

Bu/Ac at 13% = $(100 - \% \text{ moisture}) \times (\text{total wt}) \times 100.138 / (\text{row length}) / (\text{row width in inches} \times \text{number of rows})$

Standard Formula for Corn:

Bu/Ac at 15.5% = $(100 - \% \text{ moisture}) \times (\text{total wt}) \times 110.465 / (\text{row length}) / (\text{row width in inches} \times \text{number of rows})$

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

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

Acreage Formula

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