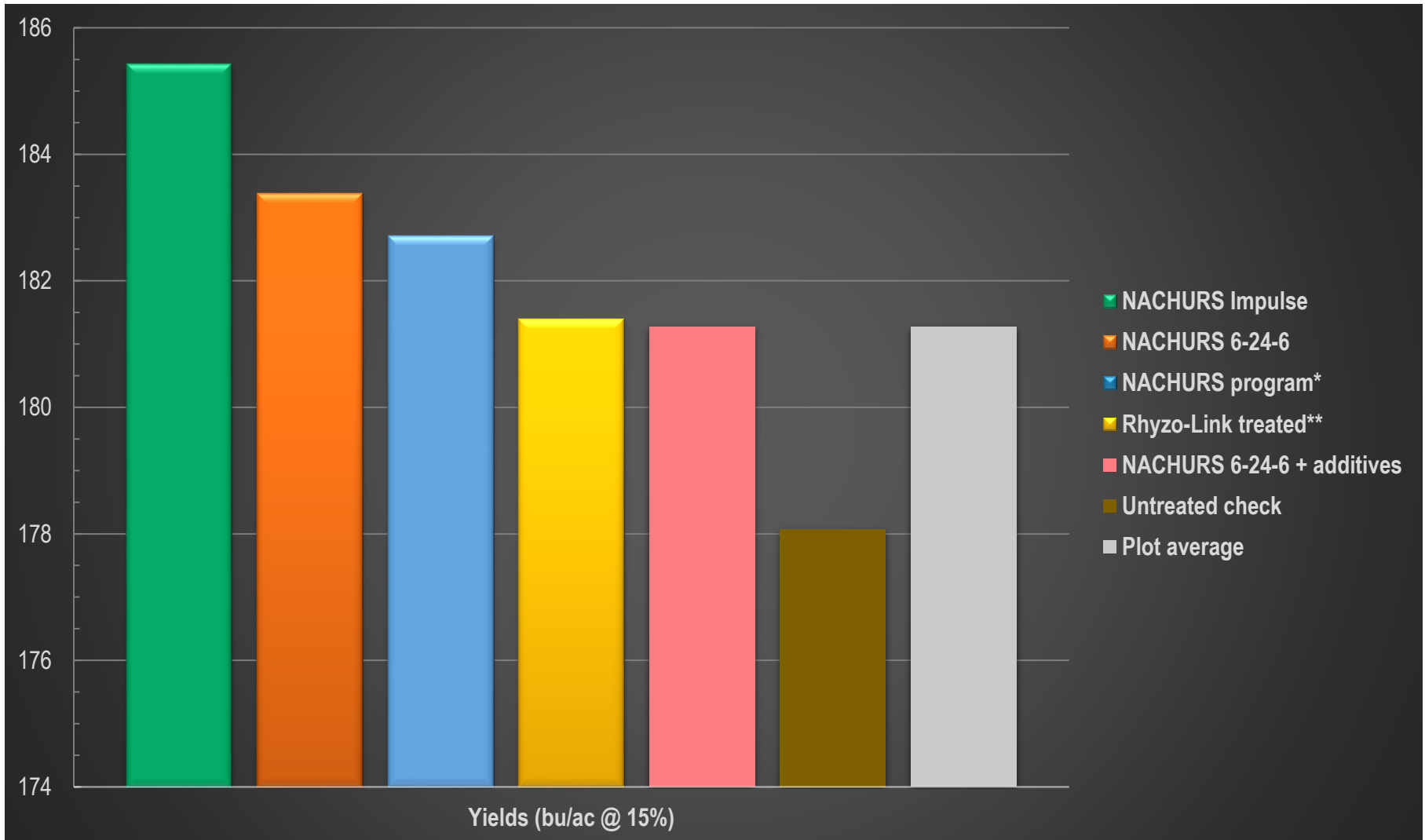


2015 Murphy Seed Corn Trial – Barry, MN

(Farm yield summary)

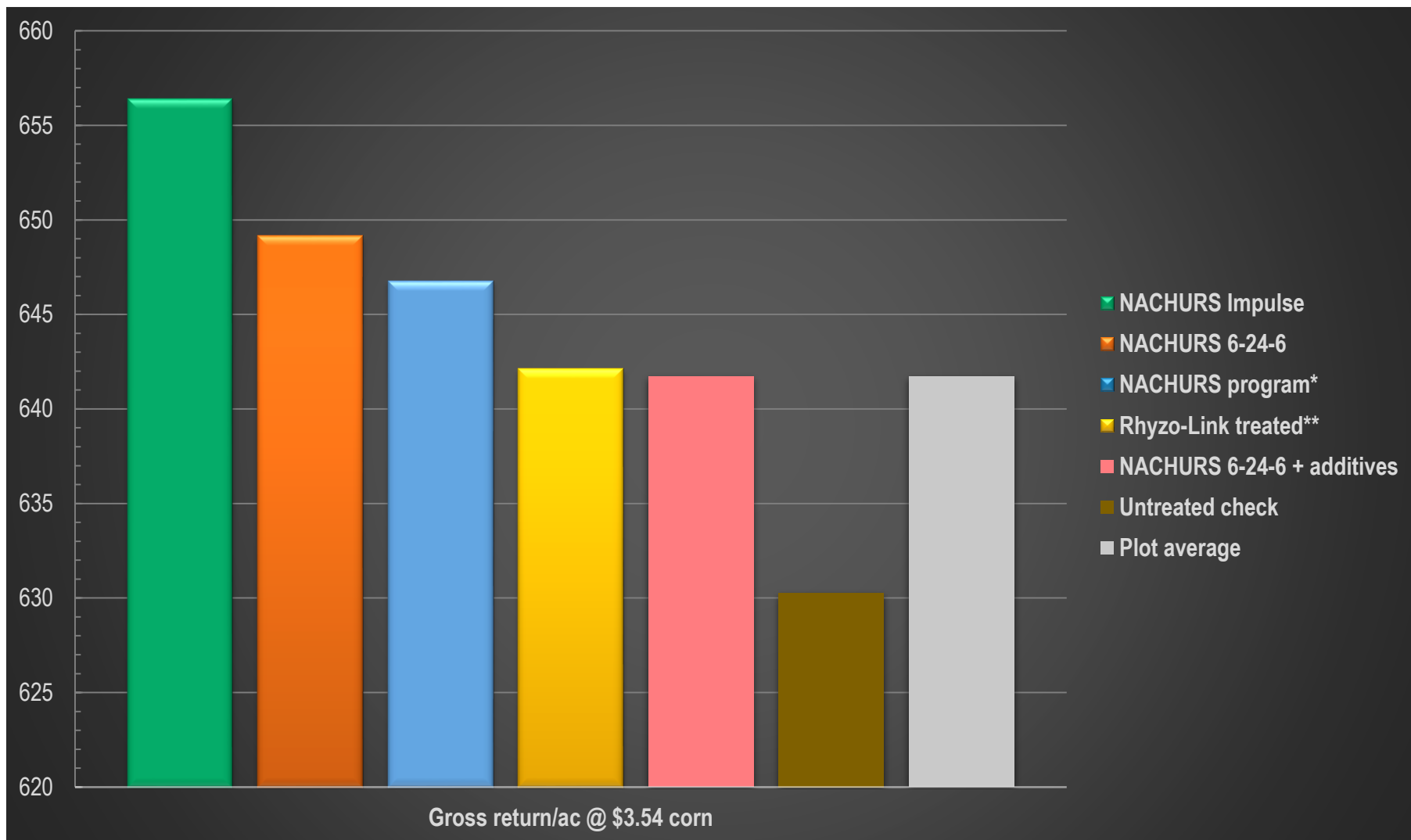


*NACHURS Impulse, NACHURS 6-24-6, Rhyzo-Link 3-10-13, Rhyzo-Link 9-15-3

**Rhyzo-Link 9-15-3, Rhyzo-Link 3-10-13 + NACHURS 6-24-6

2015 Murphy Seed Corn Trial – Barry, MN

(gross return per acre summary)



*NACHURS Impulse, NACHURS 6-24-6, Rhyzo-Link 3-10-13, Rhyzo-Link 9-15-3

**Rhyzo-Link 9-15-3, Rhyzo-Link 3-10-13 + NACHURS 6-24-6

CORN PLOT HARVEST DATA ENTRY FORM



Nachurs North Region



Distributor: Murphy Seeds Inc.						Phone			
						Phone			
Address: Barry, MN									
Planted: 4/22/2015					Prior Yr Herb:			Soil pH:	
Harvested: 10/13/2015					Pre-E Herb:			Organic Matter:	
Tillage:	CONV	MIN	RIDGE	NO-TILL	STRIP	Post-E Herb:			Irrigated: No
Previous Crop:	CORN	SOY	OTHER	Soil Type:			Variety:		Population:

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			756			14.6	58.4	177.3	
2 NACHURS 6-24-6 @ 5 gal + MicroBoost Corn @ 1 qt			756			15.1	58.4	187.8	
3 NACHURS 6-24-6 @ 5 gal + Humika @ 1 pt			756			14.5	58.3	180.1	
4 NACHURS 6-24-6 @ 5 gal + Riptide @ 1 qt			756			14.3	58.7	181.5	
5 NACHURS 6-24-6 @ 5 gal + Micro AZ @ 12.8 oz			756			14.4	58.1	178.7	
6 NACHURS 6-24-6 @ 5 gal + Transporter 2.0 @ 10 oz			756			14.4	58.5	178.7	
7 Rhyzo-Link 9-15-3 @ 5 gal			756			14.2	58.0	183.3	
8 Rhyzo-Link 3-10-13 @ 3 gal + NACHURS 6-24-6 @ 2 gal			756			14.3	58.2	179.5	
9 NACHURS Impulse @ 5 gal			756			14.3	58.3	185.4	
10 NACHURS 6-24-6 @ 5 gal			756			14.6	58.4	184.0	
11 Untreated check			756			14.5	58.0	178.8	
12 20-20-20 @ 1 qt + 5 gal water			756			14.6	58.0	182.2	
13 NACHURS 6-24-6 @ 5 gal + Soil Revitalizer @ 1 qt			756			14.4	58.1	181.3	
14 NACHURS 6-24-6 @ 5 gal + 1 qt Phosphorus Balancer			756			14.1	57.7	180.7	
15 1 qt Phosphorus Balancer + 5 gal water			756			13.9	58.1	178.2	
16 NACHURS 6-24-6 @ 5 gal			756			14.1	57.7	182.7	

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

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