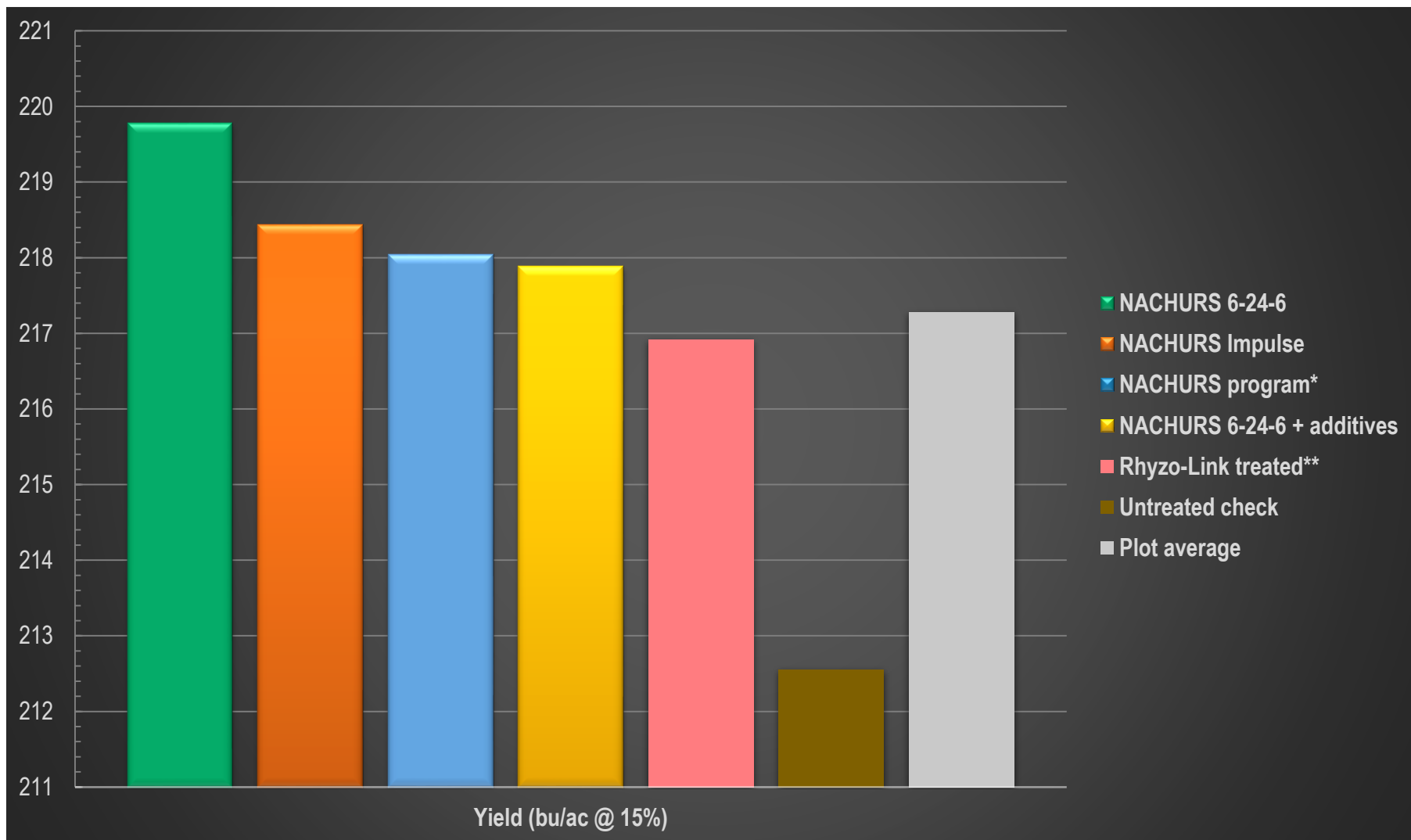


# 2015 Murphy Seed Corn Trial – Johnson, MN

## (yield summary)

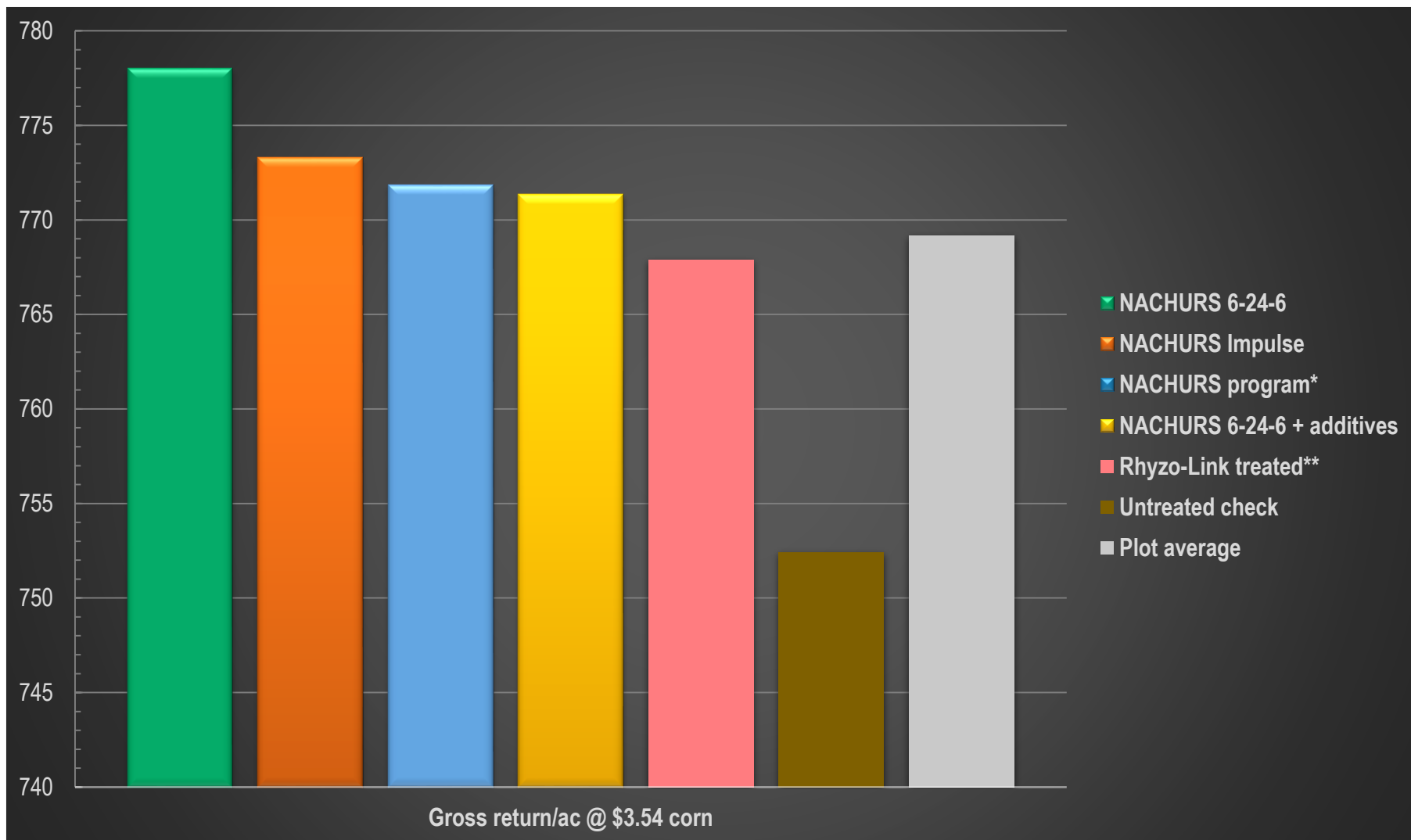


\*NACHURS Impulse, NACHURS 6-24-6, Rhyzo-Link 3-10-13, Rhyzo-Link 9-15-3

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

# 2015 Murphy Seed Corn Trial – Johnson, 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: Johnson, MN							
Planted: 4/27/2015				Prior Yr Herb:		Soil pH:	
Harvested: 10/19/2015				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	8		490		2825	17.9	57.2	216.6	
2 NACHURS 6-24-6 @ 5 gal + MicroBoost Corn @ 1 qt + Humika @ 1 pt	8		490		2868	17.2	57.1	221.8	
3 NACHURS 6-24-6 @ 5 gal + MicroBoost Corn @ 1 qt	8		490		2858	17.0	56.8	221.5	
4 NACHURS 6-24-6 @ 5 gal + Humika @ 1 pt	8		490		2772	17.1	57.2	214.6	
5 NACHURS 6-24-6 @ 5 gal + Riptide @ 1 qt	8		490		2730	17.3	56.9	210.8	
6 NACHURS 6-24-6 @ 5 gal + Micro AZ @ 12.8 oz	8		490		2794	17.2	57.4	216.0	
7 NACHURS 6-24-6 @ 5 gal + Transporter 2.0 @ 10 oz	8		490		2868	17.8	56.7	220.1	
8 Rhyzo-Link 9-15-3 @ 5 gal	8		490		2862	18.4	56.7	218.1	
9 Rhyzo-Link 3-10-13 @ 3 gal + NACHURS 6-24-6 @ 2 gal	8		490		2804	17.6	57.2	215.8	
10 NACHURS Impulse @ 5 gal	8		490		2878	17.7	56.9	221.2	
11 NACHURS 6-24-6 @ 5 gal	8		490		2808	18.5	57.2	213.7	
12 20-20-20 @ 1 qt + 5 gal water	8		490		2826	17.6	56.6	217.4	
13 NACHURS 6-24-6 @ 5 gal + Soil Revitalizer @ 1 qt	8		490		2852	17.5	57.5	219.7	
14 NACHURS 6-24-6 @ 5 gal + NACHURS 9% Zn EDTA @ 1 qt + Humika @ 1 pt + Transporter 2.0 @ 6 oz + MicroBoost Corn @ 1 qt	8		490		2900	17.00	57.2	224.8	
15 NACHURS 6-24-6 @ 5 gal	8		490		2868	17.3	57.5	221.5	
16 NACHURS 6-24-6 @ 5 gal + 1 qt Phosphorus Balancer	8		490		2745	17.4	56.9	211.7	
15 Untreated check	8		490		2710	17.6	57.0	208.5	

## 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

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