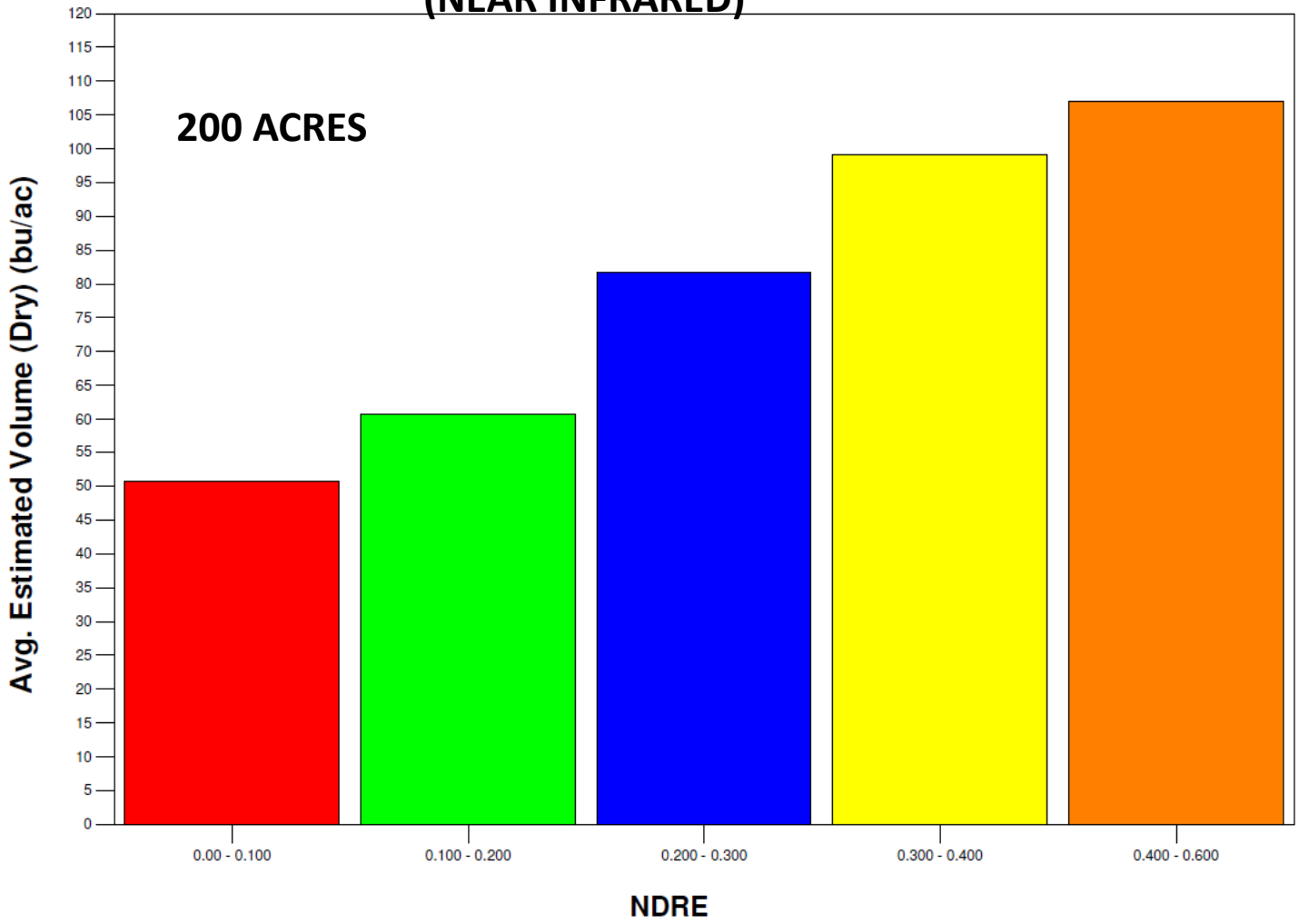
2nd Generation for VRT Nitrogen

Use the technology to judge crop health and apply to crop needs at the time of application.

Corn Yield to NDRE
(NEAR INFRARED)



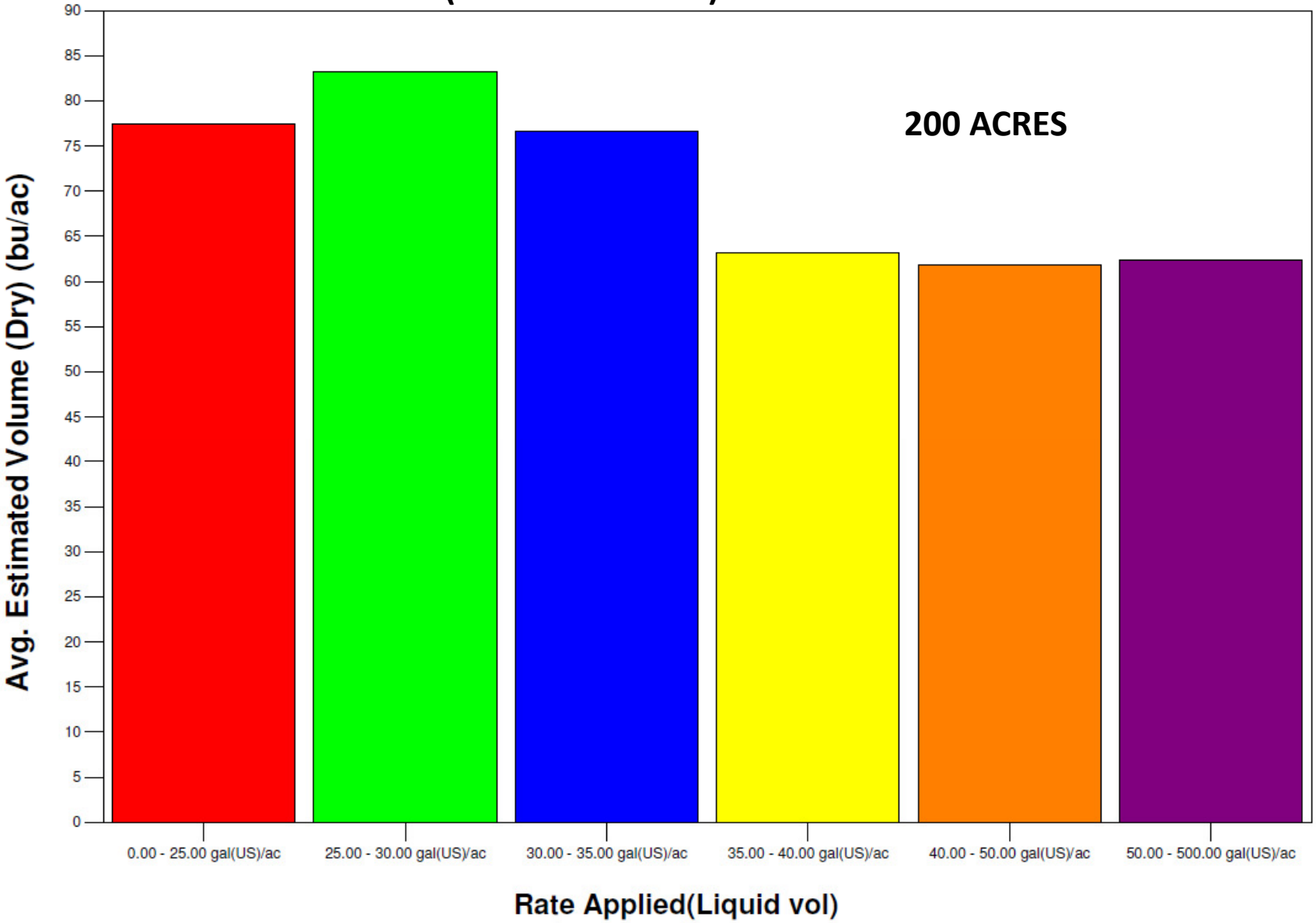
1/1/2013 9:38:43 AM
Data Altered/Created through Analysis

Ag Leader Technology SMS Advanced

Prepared By Bill Copeland

Corn Yield to 28% Applied

(NEAR INFRARED)



1/1/2013 9:44:22 AM
Data Altered/Created through Analysis

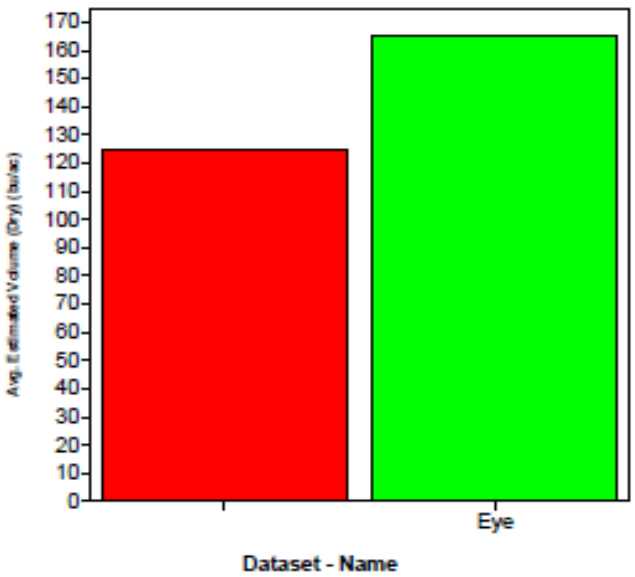
Ag Leader Technology SMS Advanced

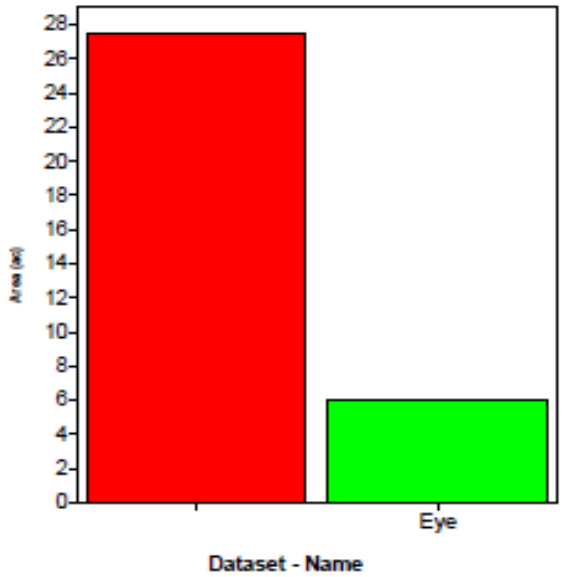
Optrix Vs Non Optrix

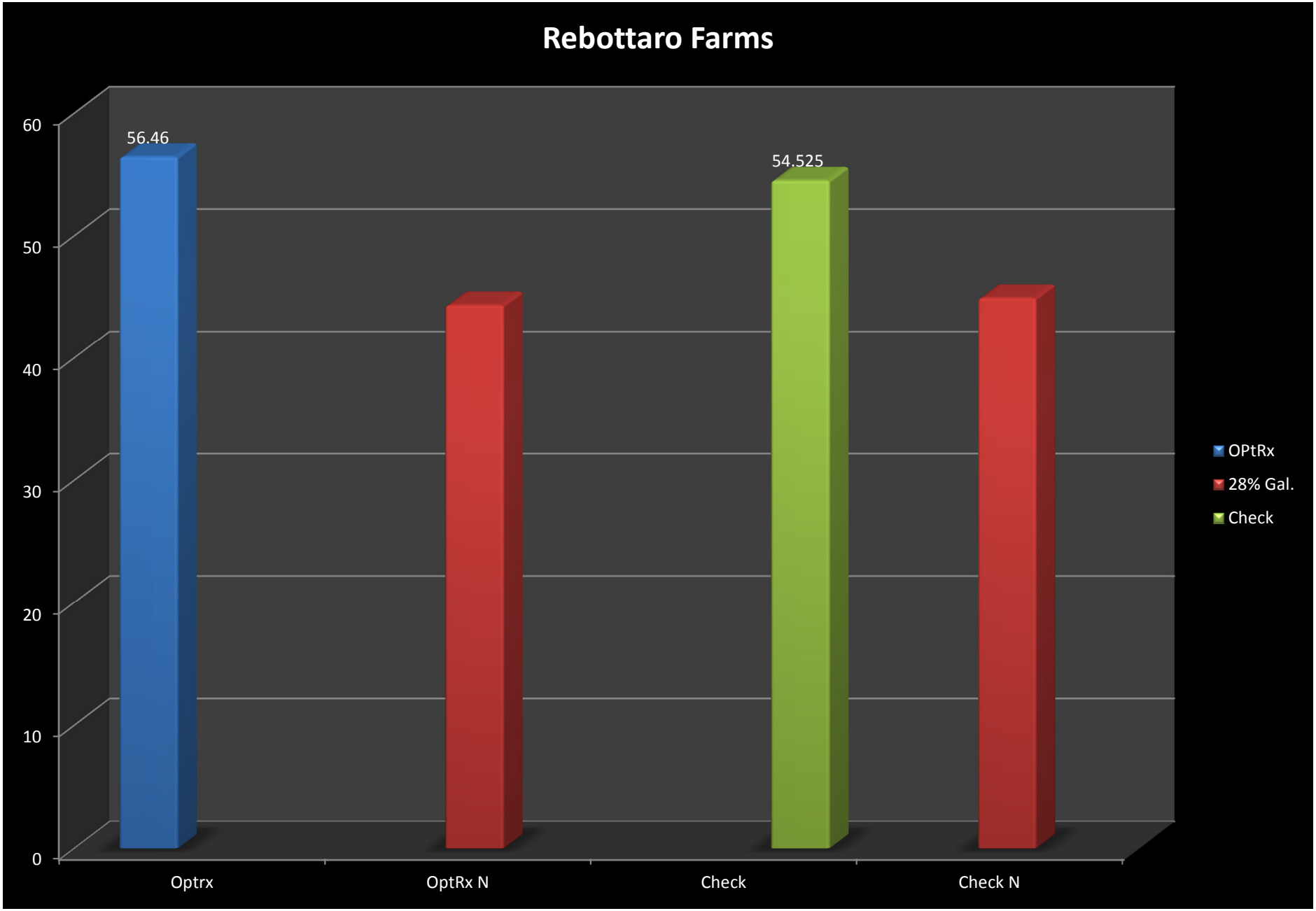
Analysis Description
Allows the comparison of an attribute(s) or property(s) against other attributes/properties
Bakerlads Farm | Knowles | Knowles South | 2012 | Grain Harvest | (All) | (All) | (All) | (All) | (All)
Analysis Results- Estimated Volume (Dry) Classified By- Fertilizing (Dry) : Dataset - Name

Dataset - Name	Avg. Estimated Volume (Dry) bu/ac	Total Estimated Volume (Dry) bu	Min. Estimated Volume (Dry) bu/ac	Max. Estimated Volume (Dry) bu/ac	Area ac
	124.58	3,430.0	5.113	344.16	27.53
Eye	164.96	983.33	22.06	396.52	5.961
(All)	**131.76**	**4,413.4**	**5.113**	**396.52**	**33.49**

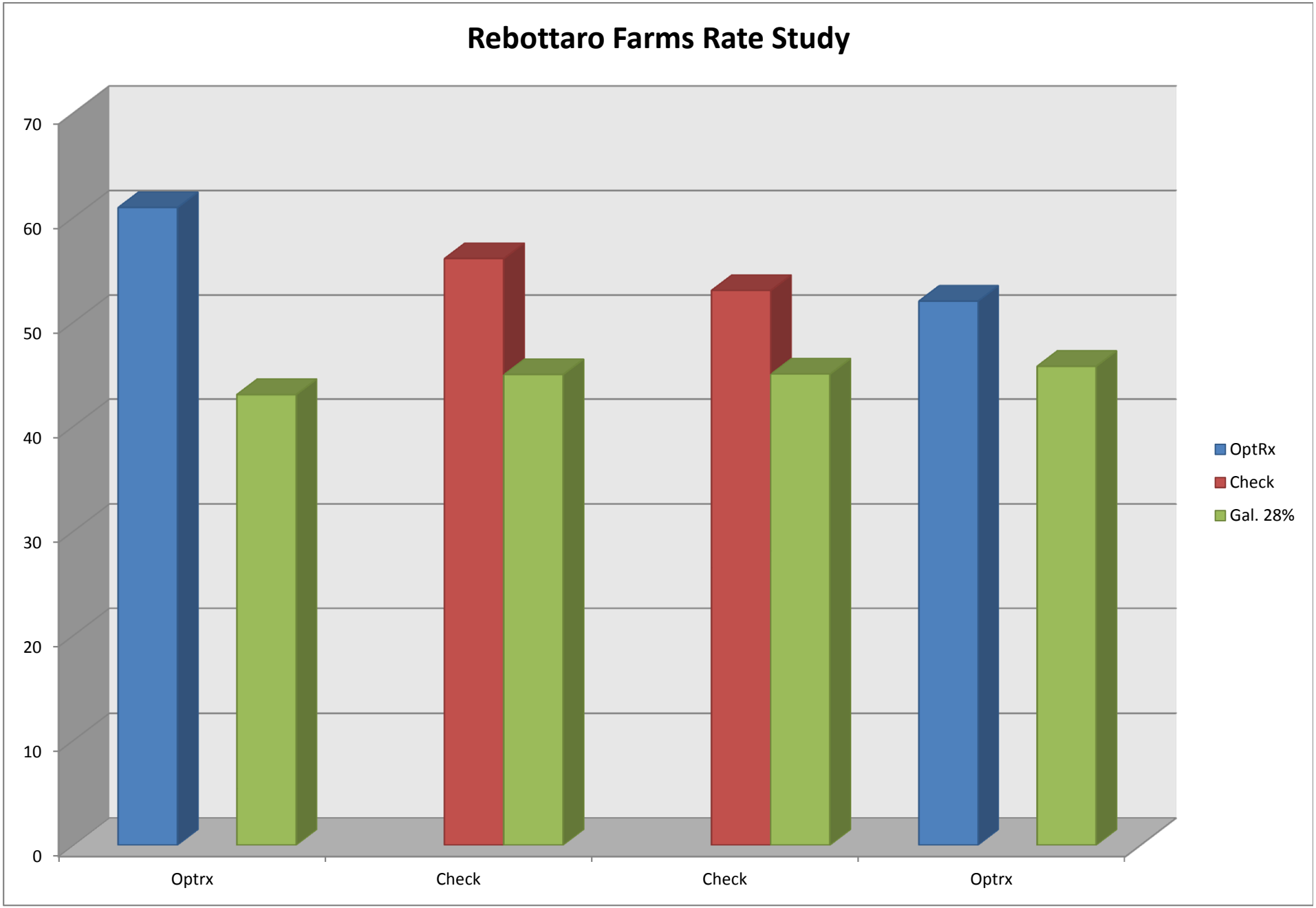
Optrix perscribed 35 more lbs. of N and produced 40 more bushels!



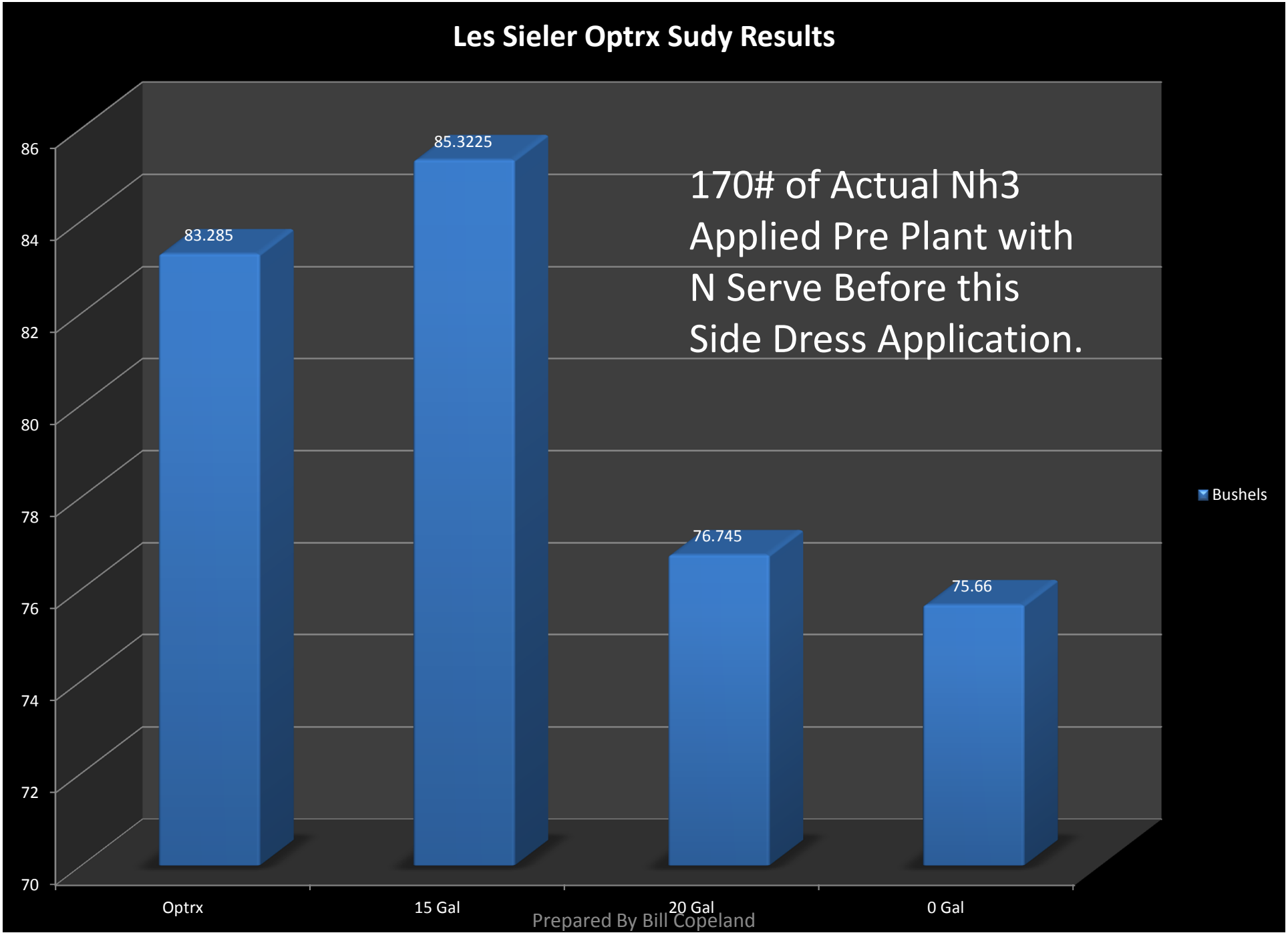


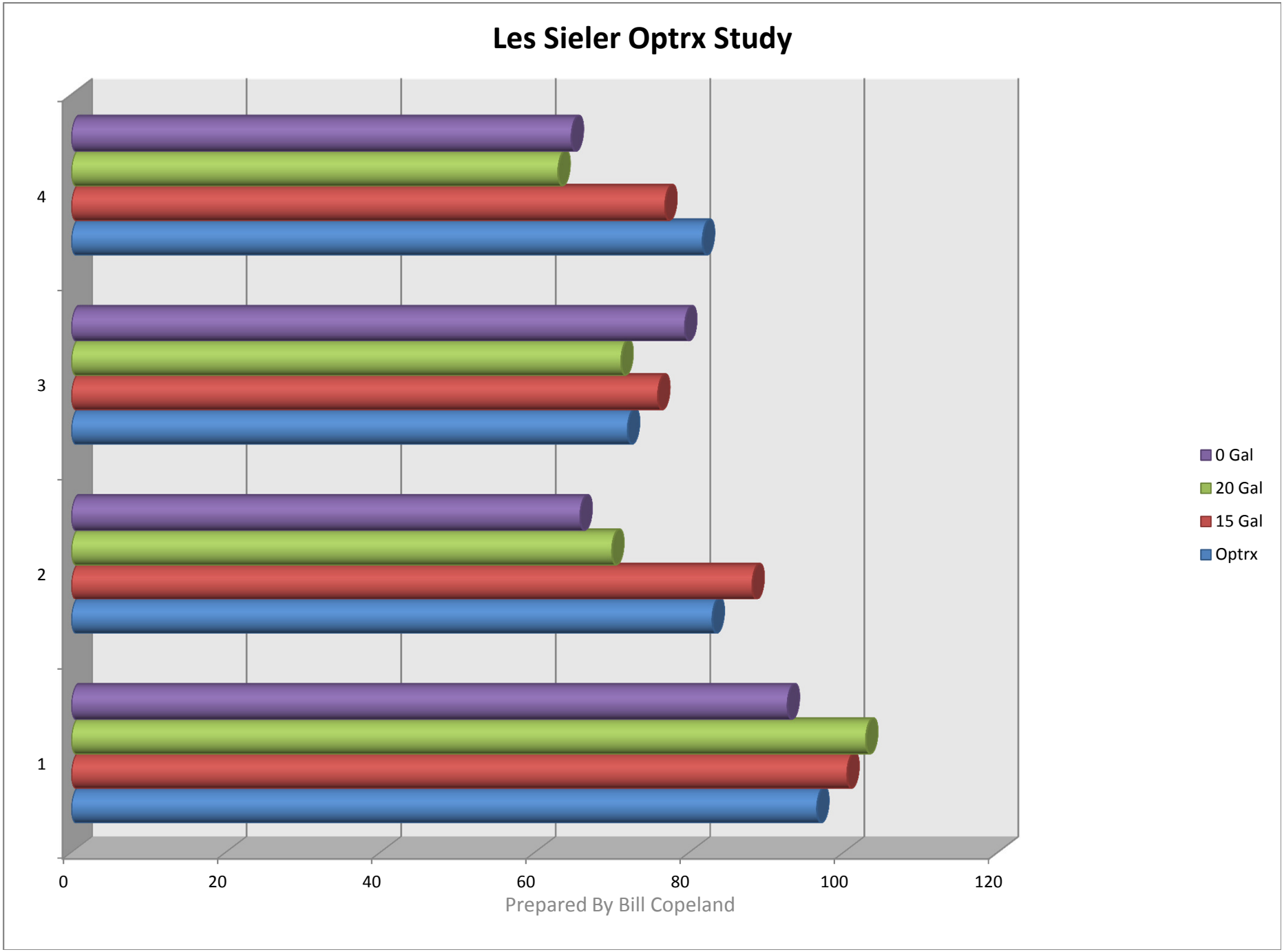


Prepared By Bill Copeland



Prepared By Bill Copeland


Les Sieler Optrx Sudy Results
86
84
82
80
78
76
74
72
70
83.285
85.3225
76.745
75.66
Optrx
15 Gal
20 Gal
0 Gal
Bushels
170# of Actual Nh3 Applied Pre Plant with N Serve Before this Side Dress Application.
Prepared By Bill Copeland


Les Sieler Optrx Study
4
3
2
1
0
20
40
60
80
100
120
Prepared By Bill Copeland
0 Gal
20 Gal
15 Gal
Optrx

VRT to Plant Health

Larry Ries, "I saved 6.8 Gallons per acre over Flat Rate using the OPTRIX Crop Sensors."

6.8 Gallons

<u>X 10.6 </u># per gal.

72.08#

<u>X28%</u>

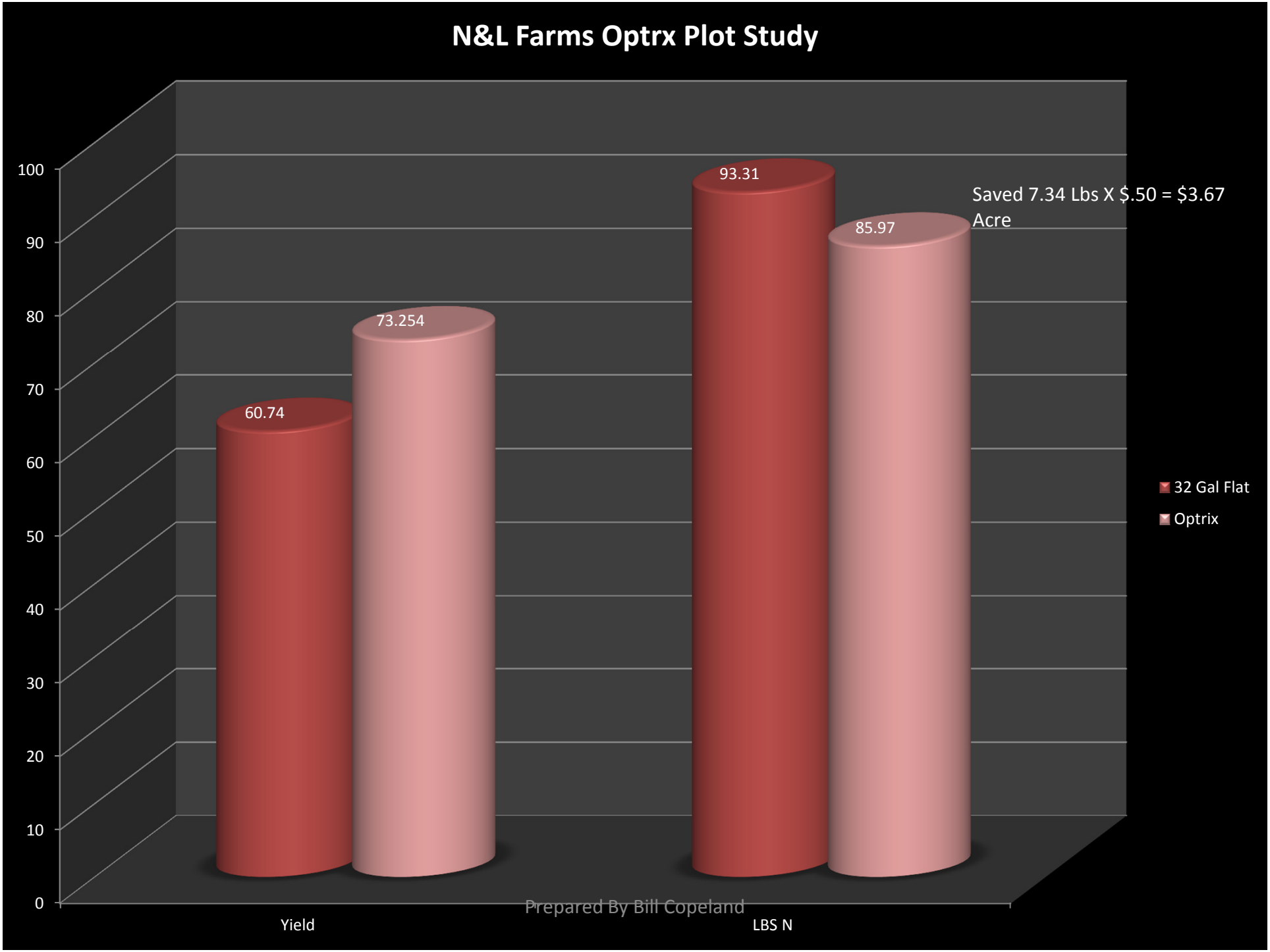
20.18# per acre

<u>X .60 </u>Per # N

$12.10 per acre or

$12100 for all his Corn Acres

Larry and John Ries
Tipton Michigan


N&L Farms Optrx Plot Study
100
90
80
70
60
50
40
30
20
10
0
60.74
73.254
93.31
85.97
Saved 7.34 Lbs X $.50 = $3.67 Acre
Yield
LBS N
32 Gal Flat
Optrix
Prepared By Bill Copeland