



2016 Foliar Wheat Plot

Farm: El-Na Farms LLC

Variety	Acreage	Weight (lbs)	Moisture	Test Wt.	DON (ppm)	(adj)bu/ac	\$/bu. (AFTER DOCK)	NET \$/Acre	bu Difference
YieldSHIELD Wheat 1	1.97	15380	15.3%	58.6	0	127.74	\$3.900	\$498.18	
Prosaro & NIS 1	1.97	14220	15.0%	58.1	0.15	118.47	\$3.925	\$465.00	
									9.27
YieldSHIELD Wheat 2	1.97	14580	14.8%	58.8	0	121.72	\$3.925	\$477.76	
Prosaro & NIS 2	1.97	13110	14.8%	57.9	0.28	109.45	\$3.905	\$427.40	
									12.27
								Average bu difference:	10.77

Field Information:

Fertilizer (Applied 4/18):

- 200 lb Potash
- 100 lb AMS
- 50 lb DAP
- 150 lb Urea

Herbicide (Applied 5/19):

- 8 oz Huskie
- 0.5 oz Affinity Broadspec

Fungicide (Applied 6/3):

- Wheat Growth Stage: Beginning of Flowering
- Prosaro & NIS Treatment
 - 6.5 oz Prosaro
 - 1 qt/ 100 gallons of water Liberate
- YieldSHIELD Wheat
 - 2 gal Copperfield
 - 6.5 oz Prosaro
 - 1 oz Warrior II

Adjusted Bu./acre (to 13.5% moisture) \$4/bu minus Deductions (Moisture, TW, DON)

Prosaro Only

Price after deductions:	\$3.90
Prosaro Premium:	\$0.05
Low DON Premium:	\$0.10
Final Price/ bu:	\$4.05
NET \$/ Acre:	\$460.85

YieldSHIELD Wheat

Price after deductions:	\$3.97
YieldSHIELD Wheat Premium:	\$0.10
Low DON Premium:	\$0.10
Final Price/ bu:	\$4.17
NET \$/ Acre:	\$520.96

Prosaro Only vs. YieldSHIELD Wheat

Prosaro Only Cost (Application + Chemical):	\$25.38/ acre
YieldSHIELD Wheat Cost (Application + Chemical):	\$44.89/ acre
Difference:	\$19.51/ acre
Prosaro Only NET \$/ Acre:	\$460.85
YieldSHIELD Wheat NET \$/ Acre:	\$520.96
Difference:	\$60.11
YieldSHIELD Wheat Advantage/ Acre	\$60.11
YieldSHIELD Wheat Cost / Acre	\$19.51
Net Profit per Acre with YieldSHIELD Wheat:	\$40.60