



Wheat Plot 2019

Farm: Jerry Barta

Fungicide	Acreage	Weight (lbs)	Moisture	Test Wt.	DON (ppm)	(adj)bu/ac	\$/bu. (AFTER DOCK)	NET \$/Acre	ROI \$\$\$ over Check
Miravis Ace South	0.35	2780	16.2%	58.3	0.27	128.75	\$4.500	\$579.37	\$118.69
Check	0.35	2230	15.1%	57.0	1	104.46	\$4.410	\$460.69	\$0.00
Prosaro	0.35	2420	15.3%	57.5	0.43	113.13	\$4.530	\$512.48	\$51.79
Miravis Ace North	0.35	2795	16.1%	58.1	0.15	129.58	\$4.500	\$583.11	\$122.42

Average

bu.

Difference:

Adjusted Bu./acre
(to 13.5% moisture)

\$/bu minus Deductions
(Moisture, TW, DON)

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

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

This Data does not factor straw QUALITY or QUANTITY (2019 UW study .9TON over CHECK repeated over 10times)