Wheat Experiences
Unmanaged VS Managed

5yrs – 925ac – 65,628bu – 70.95bu/ac

-VS-

5yrs – 1066ac – 108,954bu – 102.2bu/ac
Application Times?

“2010” VS “2011” & “2012”

# 1 Nitrogen – 3/6 -- 3/15—3/12
Weed Control- 4/29 -- 4/30—3/22

# 2 Nitrogen - 5/6 -- 5/11—4/10
Fungicide @Tiller - 4/29- 4/30-3/22
Fungicide @ Flag - None-5/25-5/13
Fungicide @ Flower -5/26-6/3-5/25
Frozen Wheat
2012
Untreated vs. Treated
Variety Plot 2012
Field Avg. 116.72
Residue Effect?
Flag Leaf Treatment
+20 Bu./Ac.
Another Look
Fungicide Effect
Straw Quality Quantity ?
November Wheat/February 18th Emergence
Oats 2012 120 Bu.
How to Compare?

To Produce 5000 Bushels of Wheat

- 60 Bu Ave. takes 83.3 Acres X Input?
- 97 Bu Ave. takes 51.5 Acres X Input?
- Straw Averaged Around 1.31 Ton/ Ac.

- 31.8 Acres To another Crop Or?
Increased Costs

Fertilizers_additional nitrogen  50.18

Other crop expense_additional fungicides, insecticides, micro nutrients  69.59

Other crop expense_2 addt'l applications  10.00

Spray, other crop expense_crop consult  1.00

Spray, other crop expense_tissue samples  1.89

Spray, other crop expense_soil samples  1.00

Seeds and plants_clover seed  18.00

Harvest costs_combining  3.01

Harvest costs_hauling  3.67

Drying costs  4.79

Depreciation_addt'l nozzles  1.39

Depreciation_tram line controller  3.06

Interest_addt'l nozzles  0.35

Interest_tram line controller  0.54

Value of operator management  1.31

Subtotal  169.78

Total of Items that Decrease Profit (B)  169.78
Figure 1. Breakeven Expected Increase in Wheat Yield (bu./ac.) by Expected Wheat Price ($/bu.), 2010, 2011, and 2014
This is What We All Want
WITHOUT AGRONOMY YOU'D BE NAKED, HUNGRY, AND SOBER