



Wheat's Origin

- Wheat is grown on more land area worldwide than any other crop
- Earliest remains crop found in Syria, Jordan and Turkey. Primitive relatives found in Eastern Iraq excavations date back 9,000 years
 - Wheat grown in SE Nebraska today we can thank immigrants who brought the "Grand Daddy" of U.S. winter wheat Turkey Red































Profitable Dryland Crop Rotations SE Nebraska

- The following were assumptions used to compare crop rotation economics
- 2009 University of NE Crop Budgets
 <u>cropwatch.unl.edu</u>
- Harvest Delivery price Farmers Co-op Jan. 7th
- Long term average yields from 2,894 farmer fields 1994 to 2007; Crop Rotation Study http://gage.unl.edu/multimediapresentations



	Cost	Yield	Price	Net
	<u>(\$/ac)</u>	<u>(bu/ac)</u>	(<u>\$/bu)</u>	<u>(\$/ac)</u>
Corn	\$278	108	\$3.92	\$147
Beans	\$120	39	\$9.19	<u>\$234</u>
				\$190
ition pe	r 1,000 a	cres = 500	0 corn/500	\$190 soybea

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F Beans	\$120	39	\$9.19	\$234
Wheat	\$193	53	\$5.03	<u>\$74</u>
				\$180



MARTA.	5	Year	Crop	Rotation

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	Cost	Yield	Price	Net	
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NTCorn	\$278	108	\$3.92	\$145	
NTBeans	\$120	39	\$9.19	\$234	
NTWheat	\$193	53	\$5.03	\$74	
NTCorn	\$278	130	\$3.92	\$232	
NTBeans	\$120	39	\$9.19	<u>234</u>	
				\$184	

Rotation per 1,000 acres = 400 corn, 400 soybean, 200 wheat (Reduced production risk on $\frac{1}{2}$ corn acres)















Wheat Markets

- ➢ Food grain versus feed grain
 - ➢Price premium in some years
 - Quality (protein) premium not seen in feed grains
- Seasonal pricing is independent of the feed grains (in most years)
 - ➢All have spring run
 - >Wheat gets a fall run



Only Use Treated Seed

- Black Point
- Common Bunt/Stinking Smut
- Loose Smut
- Scab (seedling blight phase)
- Ergot







Production Tip #3

- --Plant in late September/Early October in firm seedbed conditions. Avoid shallow plantings which lead to winter injury and root and crown rot.
- --Use starter fertilizer for a quick fall emergence along with recommended N and P to achieve top production

Nitrogen Fertilizer Recommendation for Rainfed Wheat (NebGuide G1460)

Wheat Price (\$/bu)	\$3.00		\$4.00		
Fertilizer Price (\$/lb N)	0.20	0.30	0.20	0.30	
Soil Test N* (ppm)	Nitrogen Application Rate (LB N/A)				
1	111	87	124	105	
2	101	77	113	95	
4	80	56	92	74	
6	59	35	71	53	
8	38	13	50	32	
10	16	0	29	10	
12	0	0	7	0	





Santa Fe, Armour, and Art.





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Saline County Wheat Fungicide Trial 2008

<u>Fungicide Treatment</u> Headline 6 fl oz/A	<u>Yield (bu/A)</u> 70
Check	<u>65</u>
LSD(0.05)	8

Wheat variety: Millennium Sprayed: May 16, 2007 Non-ionic surfactant: added to spray mix at 0.25% v/v



Hallam, Millennium, Wahoo, PostRock, Santa Fe, Armour, and Art.

Saline County Wheat Fungicide Trial 2008						
Variety 2137 Sprayed May 21, 2008 Diseases observed: Septoria Blotch and Scab	Rate fl. oz /acre	Disease severity (%) June 9	Disease severity (%) June 16	Yield bu/acre		
Check		34.6 a	79.0 a	37.9 с		
Headline + NIS	6 0.25% v/v	0.2 b	1.2 c	53.8 ab		
Confidential	7	0.2 b	0.8 c	52.5 ab		
Confidential	9	1.0 b	3.0 c	55.5 ab		
Quilt	10.5	1.8 b	4.2 bc	50.5 ab		
Quilt	14	8.2 b	15.0 b	46.1 bc		
Stratego	7	2.4 b	10.8 bc	53.0 ab		
Stratego	10	1.7 b	9.0 bc	49.8 ab		
LSD (0.05)		9.7	11.0	10.8		
Develope Company to the second		-0.0001	-0.0001	0.0450		



