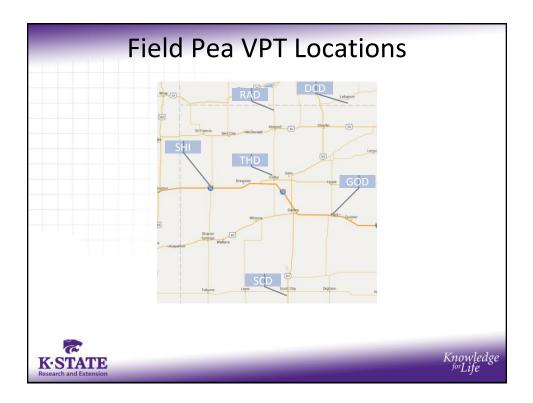
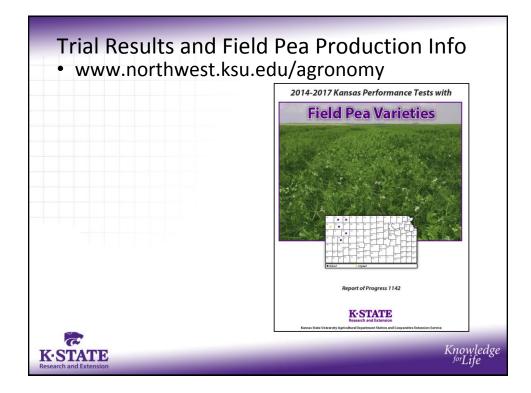
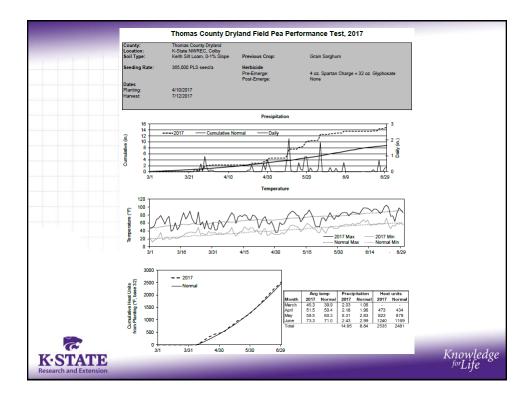


Procedures
 No-Till into row-crop residue
 Seeded with Great Plains Drill on 10"
 Targeted drop of 365,000 live seed / acre
Granular inoculant at 1.5x recommended rate
 Plots are 5' x 40'
5 Replications
Machine harvested
Research and Extension Knowledge







			Grai	n Yield	, bu/a					17		
		2017	2016	2015	2yr	3yr	Yield % of	Moisture	Test Weight	Plant Height	Bloom Date	Seeds / It
Company	Variety				Avg	Avg	Test Avg	%	lb / bu	inches	DOY	
Legume_Logic	MP1907	42.1			-		134	13.2	63.7	25.0	162.0	2420
Great_Northern_Ag	Spider	39.0	23.2		31.1	-	124	12.2	64.6	23.4	159.4	2529
CDC/Meridian_Seeds	CDC_Inca	38.9			-	-	123	13.8	63.6	24.4	161.2	2691
Great_Northern_Ag	Salamanca	37.5	28.7		33.1		119	12.5	64.2	24.2	160.0	2495
PulseUSA	DS_Admiral	35.4	31.4	30.5	33.4	32.4	112	11.8	63.8	23.2	159.0	2693
Meridian_Seeds	AAC_Carver	35.3	28.2	28.6	31.8	30.7	112	13.9	62.5	24.8	160.2	2547
Photosyntech	PSTSP28	35.1					111	12.2	62.6	25.2	159.4	2729
PulseUSA	Durwood	34.8	28.1		31.4	-	110	13.3	63.6	27.0	159.8	2540
Meridian_Seeds	Earlystar	34.8	28.6	32.0	31.7	31.8	110	12.3	63.4	24.4	158.4	2742
PulseUSA	Nette_2010	34.2					108	11.9	65.2	22.6	157.0	2800
CDC/Meridian_Seeds	CDC_Greenwater	33.5			-	-	106	13.7	63.2	23.2	162.0	2421
CDC/Meridian_Seeds	CDC_Amarillo	32.4	27.9	24.6	30.2	28.3	103	14.4	63.0	23.6	161.8	2472
Great_Northern_Ag	Bridger	31.5	29.4		30.5		100	12.4	64.4	23.6	158.0	2579
Meridian_Seeds	Jetset	30.3	35.0		32.7	-	96	12.6	63.9	23.0	158.0	2517
Photosyntech	PSTSP27	30.3	34.1		32.2	-	96	12.1	64.0	22.8	157.8	2490
Photosyntech	PSTSP29	30.2			-	-	96	13.5	62.3	23.4	160.4	2436
PulseUSA	SW_Midas	28.0	26.1	28.0	27.1	27.4	89	11.5	64.0	20.8	159.6	3091
Legume_Logic	Hyline	27.3	29.6		28.4	-	87	12.3	63.8	22.7	160.0	2510
CDC/Meridian_Seeds	CDC_Saffron	22.3	30.4	26.4	26.3	26.4	71	12.7	64.1	22.4	160.2	2609
	Average	31.5	29.5	24.7	30.5	28.6		12.9	63.7	23.2	159.7	2628
	LSD(0.05)	5.1	3.0	6.0	-			0.8	1.4	2.2	0.7	125

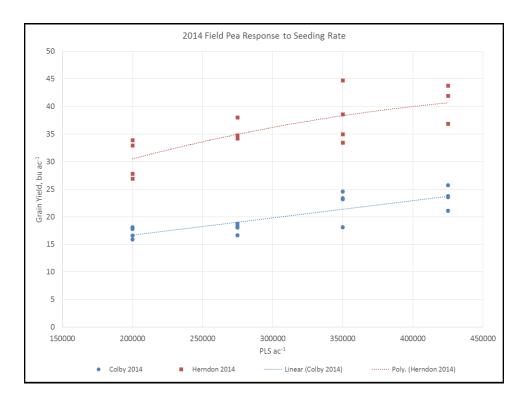
			21	015	20	016	2	017	
Location	Entries	Top Group Average Yield	Top Group Across Years						
Rawlins	6	49.2	17	40.9	18	31.4	18	29.7	37.8
Thomas	6	28.2	18	30.6	22	33.8	20	39.3	33.0
Decatur	0		9	47.5	18	31.7	18	-	39.6
Gove	-	-	-	-	14	27.9	18	29.6	28.8
Scott	4	4.6	-	-	-	-	-	-	4.6
Sherman IRR	-	-	11	55.2	-	-	-	-	55.2

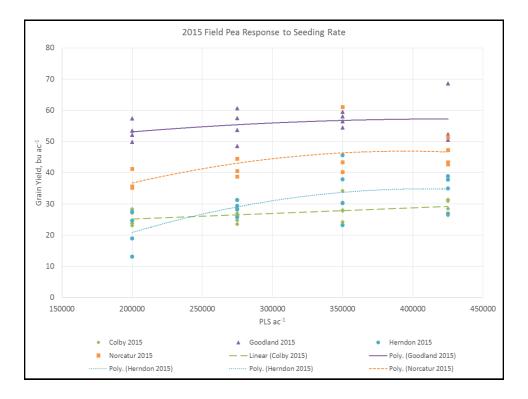
Across Years Variety Summary

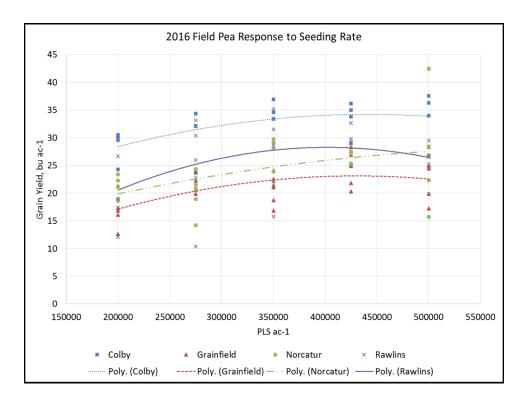
				Mu	ilti-year avera	ge, per county			
Commonly	Variety		Rawlins			Thomas		Gove	Decatu
Company	variety	2 yr 2016-17	3 yr 2015-17	4 yr 2014-17	2 yr 2016-17	3 yr 2015-17	4 yr 2014-17	2 yr 2016-17	2 yr 2015-16
Great Northern Ag	Bridger	26.7	-	-	30.5	-	-	18.7	22
	Salmanca	29.6	-	-	33.1	-	-	20.2	24.8
	Spider	23.5	-	-	31.1	-	-	22.6	18.5
Legume Logic	Hyline	-	-	-	28.4	-	-	-	
Meridian Seeds	AAC Carver	32.2	33.1	-	31.8	30.7	-	-	21.7
CDC Amarillo	CDC Amarillo	25.9	28.6	-	30.2	28.3	-	-	26.3
	CDC Saffron	24.5	28.3	-	26.3	26.4	-	-	24.3
	Earlystar	31.1	31.2	34.3	31.7	31.8	30	-	23
	Jetset	29.1	-	-	32.7	-	-	-	25.3
Photosyntech	PSTSP27	-	-		32.2	-	-	18.4	27.1
PulseUSA	DS Admiral	26.1	28.9	32.9	33.4	32.4	31.5	19.2	23.3
	Durwood	28.4	-	-	31.4	-	-	21.9	25.9
	SW Midas	23.3	28.4	33.6	27.1	27.4	26.6	26.6	22.3

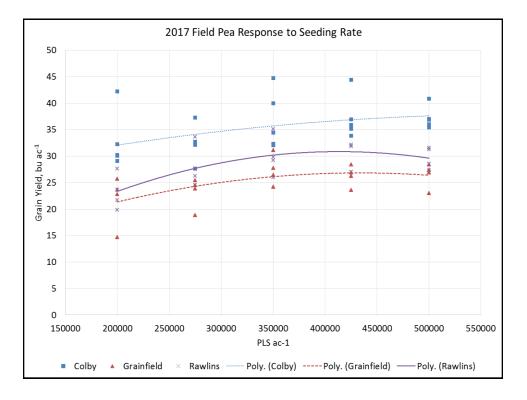


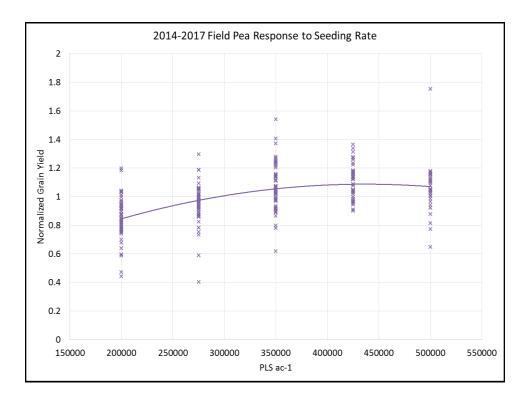
Knowledge ^{for}Life

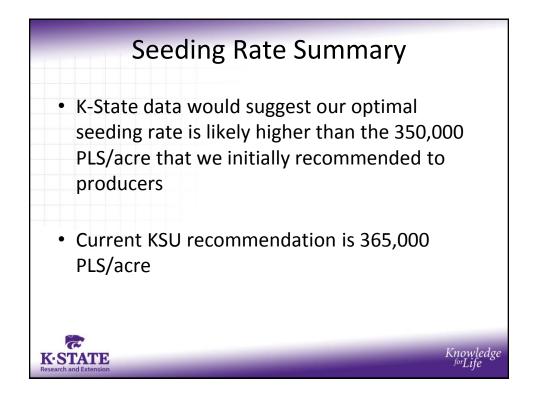


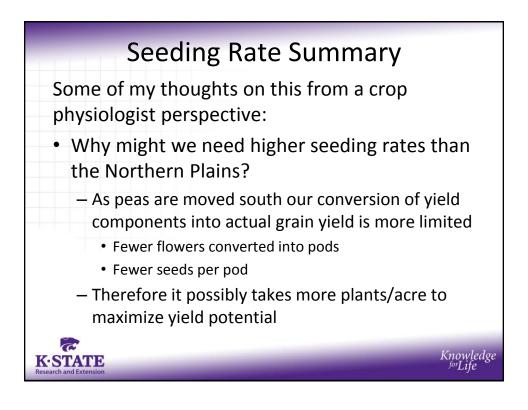


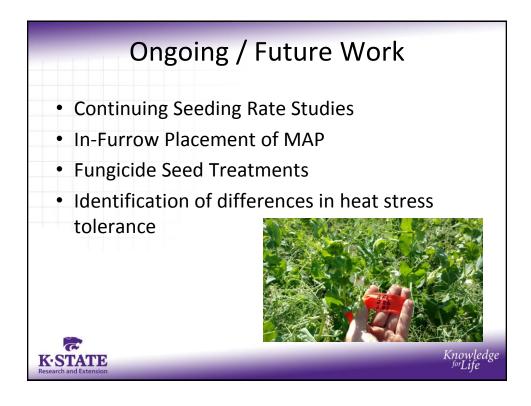












Knowledge ^{for}Life

Fungicide Seed Treatments

- Seed Treatments
 - Untreated
 - Obvious (BASF)
 - VibranceMaxx (Syngenta)
 - Apron Maxx RTA (Syngenta)
 - Seeded at 350,000 PLS
 - Three locations

K·STATE

	Rawlins	Gove	Thoma	as	
Untropted	28.4	bu/ac -	26.2	b	
Untreated Obvious	28.4 28.5	19.9 19.6	26.2 28.4	ы а	
VibranceMaxx	31.0	19.0	20.4	a	
Apron Maxx RTA			28.2	ab	
	ANOVA				
P>F	0.5945	0.8694	0.049	Ð	
LSD	NS	NS	2.18		

