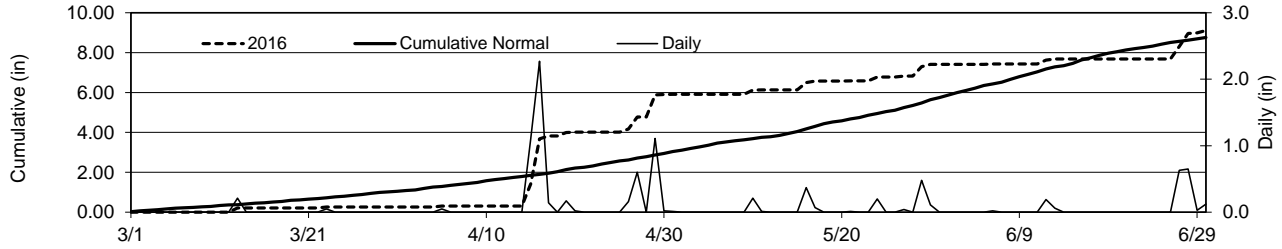


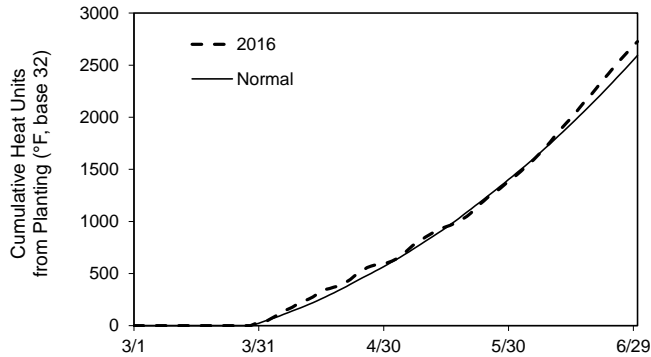
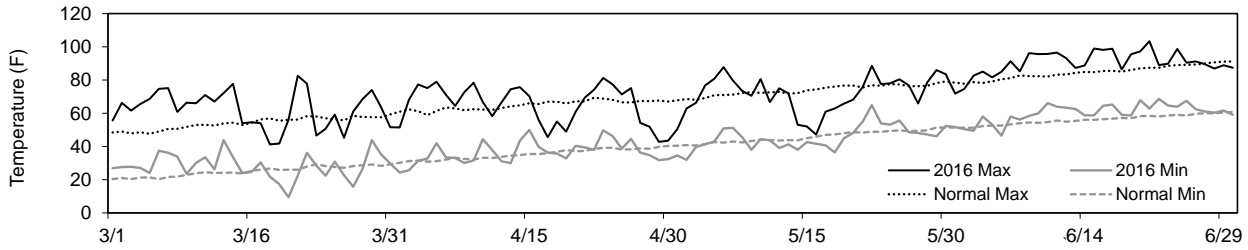
Thomas County Dryland Field Pea Performance Test, 2016

County:	Thomas County Dryland		
Location:	K-State NWREC, Colby		
Soil Type:	Keith Silt Loam, 0-1% Slope		
Seeding Rate:	350,000 PLS seed/a	Previous Crop:	Corn
Dates:		Pre-Emerge Herbicide:	4 oz/ac Spartan Charge + 32 oz Glyphosate
Planting:	3/30/2016	Post-Emerge Herbicide:	None
Harvest:	7/7/2016		

Precipitation



Temperature



Month	Avg Temp		Precipitation		Heat Units
	2016	Normal	2016	Normal	Normal
March	45.2	39.5	0.26	1.05	23
April	50.9	50.1	5.64	1.89	543
May	58.5	60.0	1.51	2.81	868
June	75.7	70.6	1.70	3.01	1158
Total			9.11	8.76	2593

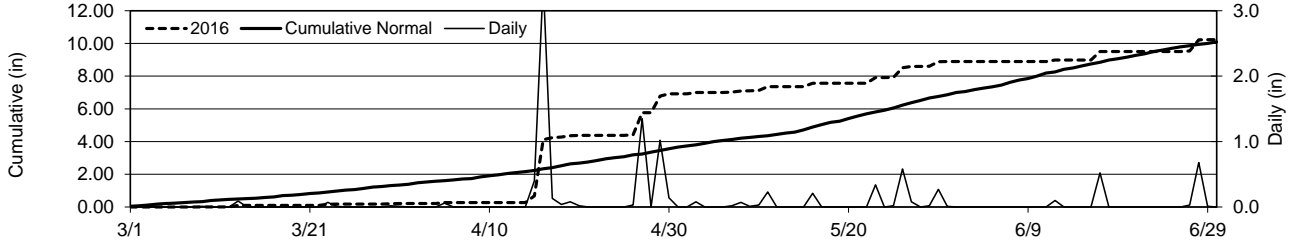
Thomas County Dryland Field Pea Performance Test, 2016

Company	Variety	Grain Yield, bu/a					2016						
		2016	2015	2014	2yr	3yr	Yield % of	Moisture	Test Weight	Plant Height	Bloom Date	Seeds / lb	Stand
					Avg	Avg	Test Avg	%	lb / bu	inches	DOY		plants / acre
Meridian_Seeds	Jetset	35.0	--	--	--	--	119	11.1	61.9	27.8	156.0	3052	284592
Photosyntech	PSTSP27	34.1	--	--	--	--	115	11.3	62.7	27.0	155.2	2822	311309
PulseUSA	Nette_2010	32.3	28.0	28.7	30.1	29.6	109	11.9	64.0	27.3	155.0	3068	272976
PulseUSA	DS_Admiral	31.4	30.5	28.8	31.0	30.3	106	11.2	61.7	27.3	156.8	2949	281688
Legume_Logic	Majestic	31.3	--	--	--	--	106	11.4	62.3	30.3	157.7	3166	363968
Photosyntech	PSTSP26	31.2	--	--	--	--	106	11.5	61.5	27.3	155.7	2983	278784
Great_Northern_Ag	Navarro	31.1	--	--	--	--	105	11.2	61.5	26.3	151.7	2799	294272
CDC	CDC_Saffron	30.4	26.4	--	28.4	--	103	11.4	61.7	24.5	157.8	3325	310728
Legume_Logic	Hyline	29.6	--	--	--	--	100	11.2	61.8	27.3	157.0	3196	319440
Great_Northern_Ag	Bridger	29.4	--	--	--	--	99	11.3	62.0	25.3	156.0	3088	251680
PulseUSA	Abarth	29.3	33.3	--	31.3	--	99	11.2	61.7	28.5	156.5	3001	310728
Legume_Logic	Marquee	29.2	--	--	--	--	99	10.8	60.9	28.6	156.4	3617	302016
MonTech	4193	29.0	30.6	--	29.8	--	98	10.9	61.4	26.0	157.3	3117	290400
Great_Northern_Ag	Salamanca	28.7	--	--	--	--	97	10.9	60.9	31.0	156.5	3207	287496
Meridian_Seeds	Earlstar	28.6	32.0	24.6	30.3	28.4	97	11.2	62.2	28.3	156.7	3328	332992
Meridian_Seeds	AAC_Carver	28.2	28.6	--	28.4	--	96	11.8	61.8	28.8	158.0	3346	284592
PulseUSA	Durwood	28.1	--	--	--	--	95	11.0	61.1	32.3	157.0	3210	296208
CDC	CDC_Amarillo	27.9	24.6	--	26.3	--	95	11.6	62.6	28.8	159.0	3222	310728
Legume_Logic	Gunner	26.9	--	--	--	--	91	11.4	61.8	26.7	156.7	3230	263296
PulseUSA	SW_Midas	26.1	28	24	27	26	88	11.4	61.0	22.6	157.4	3893	264845
Great_Northern_Ag	Spider	23.2	--	--	--	--	78	12.4	61.9	25.0	158.3	3107	191664
	Average	29.5	24.7	25.9	27.1	26.7	100	11.3	61.8	27.4	156.6	3194	290255
	LSD(0.05)	3.0	6.0	3.0	4.5	4.0		0.7	0.9	1.7	0.8	106	57808

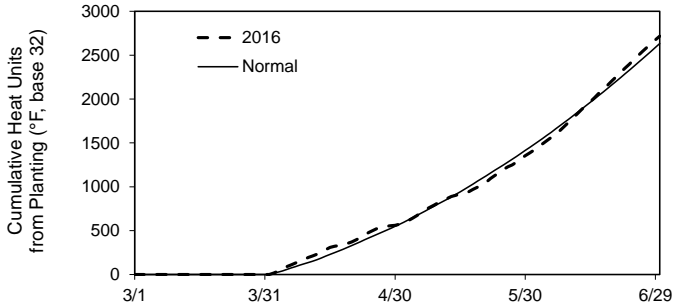
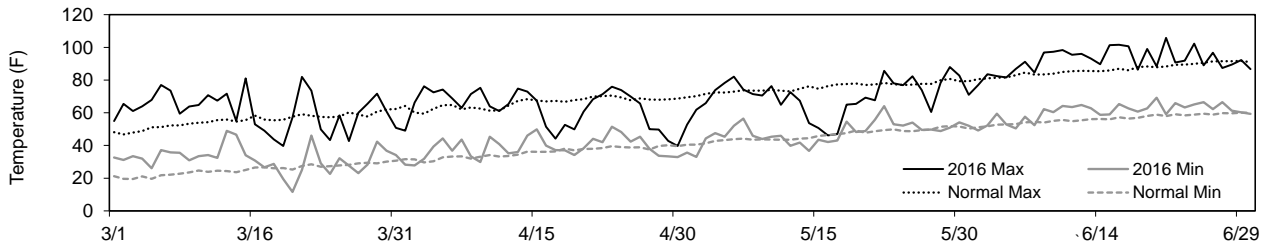
Rawlins County Dryland Field Pea Performance Test, 2016

County:	Rawlins County Dryland		
Location:	5 mi. N/NE of Atwood		
Soil Type:	Keith Silt Loam, 0-1% Slope		
Seeding Rate:	350,000 PLS seed/a	Previous Crop:	Grain Sorghum
Dates:		Pre-Emerge Herbicide:	4.5oz Spartan 4F + 32 oz Glyphosate
Planting:	4/2/2016	Post-Emerge Herbicide:	None
Harvest:	7/10/2016		

Precipitation



Temperature



Month	Avg Temp		Precipitation		Heat Units	
	2016	Normal	2016	Normal	2016	Normal
March	46.6	40.3	0.21	1.34	0	0
April	50.9	50.8	6.71	2.21	561	549
May	58.6	61.0	1.97	3.31	824	898
June	76.4	71.5	1.34	3.23	1332	1185
Total			10.23	10.10	2717	2633

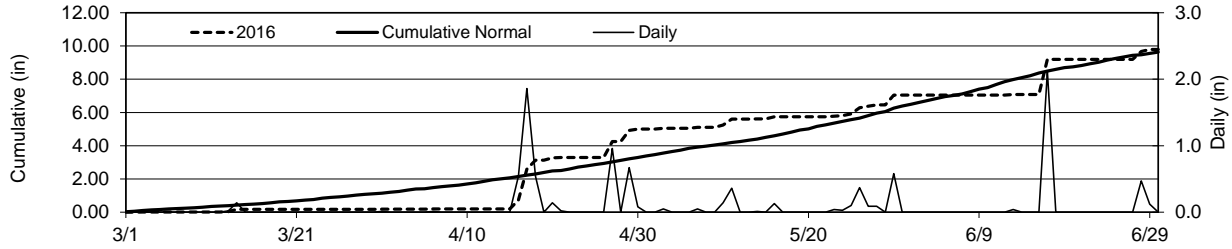
Rawlins County Dryland Field Pea Performance Test, 2016

Company	Variety	Grain Yield, bu/a					2016							
		2016	2015	2014	2yr	3yr	Yield % of	Moisture	Test Weight	Plant Height	Bloom Date	Seeds / lb	Stand	Lodging
					Avg	Avg	Test Avg	%	lb / bu	inches	DOY		plants / acre	8=80% Standing
Great_Northern_Ag	Salamanca	34.0	--	--	--	--	124	10.3	60.8	23.4	--	3012	--	6.0
Meridian_Seeds	Jetset	32.1	--	--	--	--	118	10.5	61.1	23.4	--	2764	--	4.0
Meridian_Seeds	AAC_Carver	31.8	34.9	--	33.4	--	116	10.5	61.0	21.8	--	3006	--	6.8
PulseUSA	Durwood	30.6	--	--	--	--	112	10.7	61.7	24.6	--	3043	--	7.6
Meridian_Seeds	Earlystar	30.4	31.5	43.5	30.9	35.1	111	10.1	61.0	20.4	--	3009	--	2.6
PulseUSA	Abarth	29.3	46.2	--	37.7	--	107	10.3	61.7	20.8	--	2827	--	5.0
MonTech	4193	28.4	34.7	--	31.6	--	104	10.6	60.8	20.8	--	3009	--	5.5
Photosyntech	PSTSP27	27.7	--	--	--	--	101	10.1	62.1	20.8	--	2702	--	4.0
CDC	CDC_Saffron	27.4	36.1	--	31.8	--	100	10.7	61.8	19.2	--	2854	--	6.8
Photosyntech	PSTSP26	26.0	--	--	--	--	95	10.5	62.0	20.4	--	2776	--	3.0
CDC	CDC_Amarillo	25.7	34.0	--	29.9	--	94	10.3	62.0	22.8	--	3015	--	7.3
PulseUSA	DS_Admiral	25.6	34.4	44.9	30.0	35.0	94	10.4	61.3	21.4	--	2761	--	6.0
PulseUSA	Nette_2010	25.5	39.5	47.5	32.5	37.5	93	10.5	61.9	21.8	--	2882	--	5.0
Great_Northern_Ag	Bridger	23.9	--	--	--	--	88	10.0	60.8	20.6	--	2920	--	5.0
PulseUSA	SW_Midas	22.8	38.5	49.1	30.7	36.8	84	10.2	60.2	19.0	--	3229	--	3.8
Great_Northern_Ag	Navarro	21.8	--	--	--	--	80	10.3	60.8	18.8	--	2651	--	1.8
Great_Northern_Ag	Spider	21.4	--	--	--	--	78	10.4	60.3	19.4	--	2870	--	4.3
	Average	27.3	34.0	47.5	30.6	36.3	100	10.4	61.2	21.1	--	2902	--	4.9
	LSD(0.05)	5.6	9.8	5.5	7.7	6.9		.	1.0	2.2	--	253	--	1.4

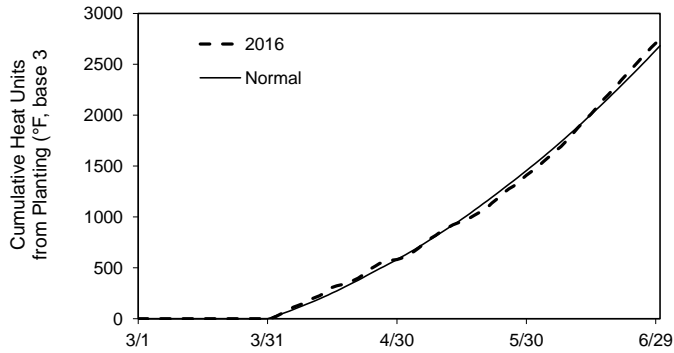
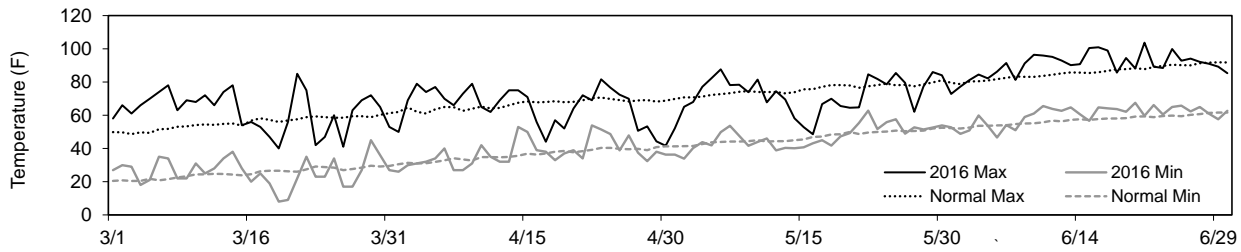
Decatur County Dryland Field Pea Performance Test, 2016

County:	Decatur County Dryland		
Location:	4 mi. NW of Lyle		
Soil Type:	Holdrege Silt Loam, 1-3% Slope		
	Previous Crop:	Corn	
Seeding Rate:	350,000 PLS seed/a	Pre-Emerge Herbicide:	5 oz/ac Spartan C 5 oz/ac Spartan Charge
		Post-Emerge Herbicide:	None None
Dates:			
Planting:	4/1/2016		
Harvest:	7/8/2016		

Precipitation



Temperature



Month	Avg Temp		Precipitation		Heat Units	
	2016	Normal	2016	Normal	2016	Normal
March	44.4	40.3	0.18	1.14	0	0
April	51.4	51.4	4.82	2.15	583	582
May	59.7	61.3	2.04	3.09	858	908
June	75.6	71.7	2.75	3.25	1309	1192
Total			9.79	9.63	2750	2683

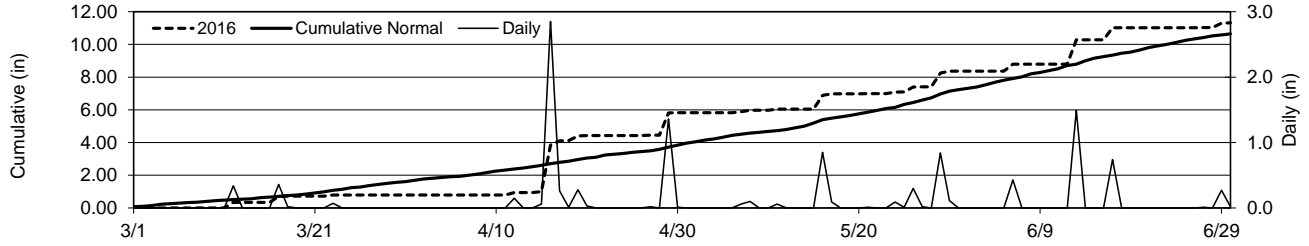
Decatur County Dryland Field Pea Performance Test, 2016

Company	Variety	Grain Yield, bu/a					2016							
		2016	2015	2014	2yr	3yr	Yield % of	Moisture	Test Weight	Plant Height	Bloom Date	Seeds / lb	Stand	Lodging
					Avg	Avg	Test Avg	%	lb / bu	inches	DOY		plants / acre	
Meridian_Seeds	AAC_Carver	31.7	--	--	--	--	132	12.1	63.1	--	--	2880	--	7.0
Photosyntech	PSTSP27	27.1	--	--	--	--	113	12.2	63.6	--	--	2731	--	7.0
CDC	CDC_Amarillo	26.3	41.2	--	33.7	--	109	12.2	63.4	--	--	2789	--	8.3
PulseUSA	Durwood	25.9	--	--	--	--	108	12.1	62.9	--	--	2830	--	5.2
Meridian_Seeds	Jetset	25.3	--	--	--	--	105	11.8	62.5	--	--	2827	--	3.0
PulseUSA	Nette_2010	25.0	--	--	--	--	104	12.5	64.3	--	--	2879	--	3.0
Great_Northern_Ag	Salamanca	24.8	--	--	--	--	103	11.8	62.4	--	--	2913	--	6.0
CDC	CDC_Saffron	24.3	48.0	--	36.1	--	101	12.4	63.3	--	--	2879	--	7.3
PulseUSA	Abarth	23.3	--	--	--	--	97	12.2	62.8	--	--	2452	--	5.3
PulseUSA	DS_Admiral	23.3	--	--	--	--	97	11.9	63.0	--	--	2654	--	6.0
Photosyntech	PSTSP26	23.1	--	--	--	--	96	12.0	62.9	--	--	2822	--	3.4
Meridian_Seeds	Earlstar	23.0	--	--	--	--	95	11.7	63.2	--	--	3081	--	3.0
MonTech	4193	22.8	50.8	--	36.8	--	95	12.1	62.5	--	--	2674	--	7.0
PulseUSA	SW_Midas	22.3	--	--	--	--	93	11.9	62.7	--	--	3180	--	4.5
Great_Northern_Ag	Bridger	22.0	--	--	--	--	91	12.0	63.4	--	--	3053	--	6.0
Great_Northern_Ag	Navarro	21.0	--	--	--	--	87	12.1	62.5	--	--	2518	--	3.3
Great_Northern_Ag	Spider	18.5	--	--	--	--	77	12.5	63.6	--	--	2676	--	8.0
Average		24.1	40.6	--	32.4	--	100	12.1	63.0	--	--	2815	--	0
LSD(0.05)		3.7	8.5	--	6.1	--		0.3	0.6	--	--	127	--	2

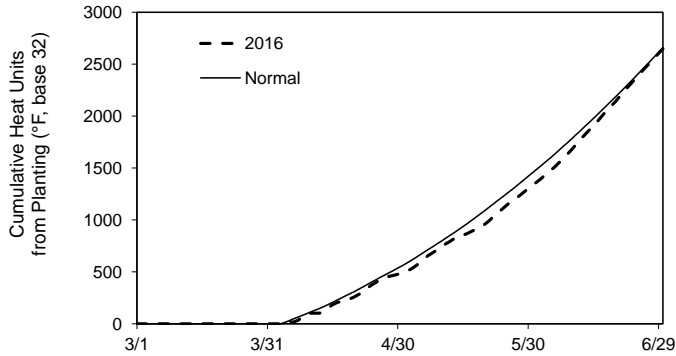
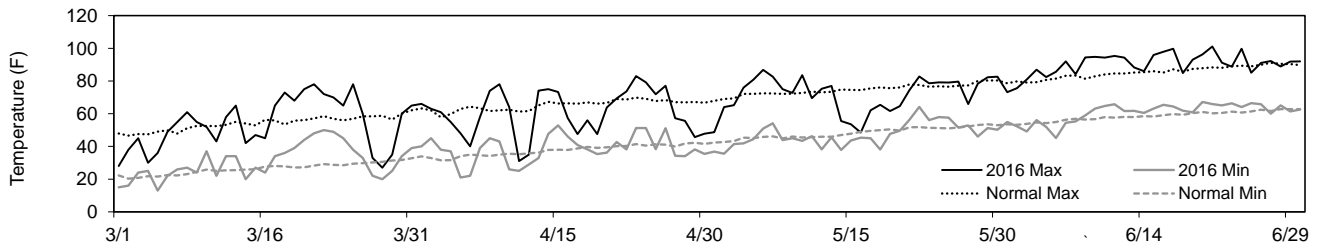
Gove County Dryland Field Pea Performance Test, 2016

County:	Gove County Dryland	0
Location:	4 mi SE of Grainfield	--
Soil Type:	Kuma Silt Loam, 0-1% Slope	
	Previous Crop:	Grain Sorghum
Seeding Rate:	350,000 PLS seed/a	
	Pre-Emerge Herbicide:	12/20/15 - 4 oz Spartan, 4 oz Dicamba, 4 oz 2,4-D
	Post-Emerge Herbicide:	None
Dates:		
Planting:	4/4/2016	
Harvest:	7/11/2016	
	<u>Plot received severe hail damage 5/29/2016, flowering had just started</u>	

Precipitation



Temperature



Month	Avg Temp		Precipitation		Heat Units	
	2016	Normal	2016	Normal	2016	Normal
March	42.2	40.3	0.79	1.62	0	0
April	49.7	51.4	5.03	2.22	476	536
May	59.7	61.6	2.54	3.39	857	918
June	75.9	72.2	2.96	3.42	1316	1206
Total			11.32	10.64	2649	2660

Gove County Dryland Field Pea Performance Test, 2016

Plot received severe hail damage 5/29/2016, flowering had just started

Company	Variety	Grain Yield, bu/a					2016							
		2016	2015	2014	2yr	3yr	Yield % of	Moisture	Test Weight	Plant Height	Bloom Date	Seeds / lb	Stand	Lodging
					Avg	Avg	Test Avg	%	lb / bu	inches	DOY		plants / acre	
PulseUSA	SW_Midas	27.9	--	--	--	--	141	9.3	61.0	--	--	3806	281107	--
PulseUSA	Nette_2010	22.4	--	--	--	--	113	9.9	63.2	--	--	3201	236966	--
Great_Northern_Ag	Salamanca	20.9	--	--	--	--	106	9.3	60.8	--	--	3224	271040	--
PulseUSA	Durwood	20.6	--	--	--	--	104	9.4	61.2	--	--	3584	232320	--
Great_Northern_Ag	Bridger	20.6	--	--	--	--	104	9.7	61.1	--	--	3282	225350	--
Photosyntech	PSTSP26	20.5	--	--	--	--	104	9.2	61.6	--	--	3017	246259	--
MonTech	4193	20.4	--	--	--	--	103	9.3	60.6	--	--	3161	262522	--
Photosyntech	PSTSP27	18.3	--	--	--	--	93	9.2	60.9	--	--	2926	255552	--
PulseUSA	DS_Admiral	18.0	--	--	--	--	91	9.4	61.2	--	--	3119	209088	--
Great_Northern_Ag	Navarro	17.2	--	--	--	--	87	9.3	61.3	--	--	2853	243936	--
Great_Northern_Ag	Spider	16.0	--	--	--	--	81	9.4	61.9	--	--	3241	209088	--
PulseUSA	Abarth	15.7	--	--	--	--	79	9.5	61.2	--	--	3175	243936	--
	Average	19.8	--	--	--	--	100	9.4	61.3	--	--	3235	243739	--
	LSD(0.05)	3.7	--	--	--	--		0.4	1.0	--	--	282	27990	--