

Decatur County Dryland Field Pea Performance Test, 2015

Company	Variety	Grain Yield, lb/a					2015			
		2015	2014	2013	2yr	3yr	Yield % of	Moisture	Test	Seeds /
					Avg	Avg	Test Avg	%	Weight	lb
MonTech	4193	50.8	--	--	--	--	125	11.9	58.9	2343
CDC	CDC_Saffron	48.0	--	--	--	--	118	12.4	59.8	2477
CDC	CDC_Meadow	43.7	--	--	--	--	108	11.2	60.9	2924
CDC	CDC_Amarillo	41.2	--	--	--	--	101	11.8	60.8	2624
MonTech	4152	37.9	--	--	--	--	93	12.4	59.3	2322
	Average	41	--	--	--	--	100	11.9	59.7	2586
	CV (%)	24	--	--	--	--		4	2	11
	LSD(0.05)	8.5	--	--	--	--		0.26	0.86	183.49

Rawlins County Dryland Field Pea Performance Test, 2015

Company	Variety	Grain Yield, lb/a					Yield % of Test Avg	Moisture %	2015		
		2015	2014	2013	2yr Avg	3yr Avg			Test Weight	Plant Height	Seeds / lb
									lb / bu	inches	
PulseUSA	Abarth	46.2	--	--	--	--	136	11.9	60.8	29.0	2509
PulseUSA	Nette_2010	39.5	47.5	--	43.5	--	116	10.2	61.4	26.0	2923
CDC	CDC_Meadow	39.4	--	--	--	--	116	11.5	61.1	29.0	3016
PulseUSA	SW_Midas	38.5	49.1	--	43.8	--	113	12.4	59.8	23.9	2947
CDC	CDC_Saffron	36.1	--	--	--	--	106	13.6	60.4	29.3	2636
Meridian_Seeds	AAC_Carver	34.9	--	--	--	--	103	11.2	61.4	.	2729
MonTech	4193	34.7	--	--	--	--	102	12.5	59.6	26.7	2545
MonTech	4152	34.5	50.9	--	42.7	--	102	13.0	60.0	29.1	2432
PulseUSA	DS_Admiral	34.4	44.9	--	39.7	--	101	12.8	60.2	29.5	2513
CDC	CDC_Amarillo	34.0	--	--	--	--	100	13.1	61.6	31.3	2740
USDA-ARS	PS08100950	33.0	--	--	--	--	97	12.2	60.7	20.6	2311
Meridian_Seeds	Earlystar	31.5	43.5	--	37.5	--	93	12.5	60.4	28.3	2770
USDA-ARS	PS08101004	27.9	--	--	--	--	82	12.6	59.4	22.6	2445
USDA-ARS	PS07100925	27.9	--	--	--	--	82	12.2	59.5	21.8	2377
USDA-ARS	PS08101022	27.5	--	--	--	--	81	12.8	60.4	21.8	2403
Meridian_Seeds	Agassiz	22.9	49.3	--	36.1	--	67	12.6	59.8	23.1	2580
	Average	34	48	--	41	--	100	12.2	60.4	26.3	2641
	CV (%)	25	10	--	18	--		8	1	15	8
	LSD(0.05)	9.8	5	--	8	--		0.55	0.77	3.20	120.08

Sherman County Irrigated Field Pea Performance Test, 2015

Company	Variety	Grain Yield, lb/a					2015					
		2015	2014	2013	2yr	3yr	Yield % of	Moisture	Test Weight	Plant Height	Bloom Date	Seeds / lb
					Avg	Avg	Test Avg	%	lb / bu	inches	June	
CDC	CDC_Amarillo	57.7	--	--	--	--	114	10.1	62.3	32.5	10.40	2748
Meridian_Seeds	Earlystar	54.9	--	--	--	--	108	9.6	60.8	36.0	6.40	2996
MonTech	4193	54.8	--	--	--	--	108	9.6	60.1	28.3	8.20	2777
CDC	CDC_Meadow	54.4	--	--	--	--	107	9.5	62.2	27.3	6.80	3212
Meridian_Seeds	AAC_Carver	54.3	--	--	--	--	107	9.8	61.9	30.3	9.00	2872
CDC	CDC_Saffron	51.3	--	--	--	--	101	9.7	61.6	27.0	9.60	2933
MonTech	4152	47.1	--	--	--	--	93	9.8	61.1	33.0	5.00	2719
Meridian_Seeds	Agassiz	37.5	--	--	--	--	74	9.7	60.0	26.7	9.00	2832
	Average	51	--	--	--	--	100	9.7	61.1	30.5	8.13	2833
	CV (%)	15	--	--	--	--		2	2	11	20	6
	LSD(0.05)	5.1	--	--	--	--		0.17	0.93	.	0.75	115.60

Thomas County Dryland Field Pea Performance Test, 2015

Company	Variety	Grain Yield, lb/a					2015					
		2015	2014	2013	2yr	3yr	Yield % of	Moisture	Test Weight	Plant Height	Bloom Date	Seeds / lb
					Avg	Avg	Test Avg	%	lb / bu	inches	May/June	
PulseUSA	Abarth	33.3	--	--	--	--	134	11.0	58.8	32.1	2.00	2990
Meridian_Seeds	Earlystar	32.0	24.6	--	28.3	--	129	11.0	59.2	31.2	2.40	3466
VNS	VNS-Salamanca	31.0	--	--	--	--	125	10.9	58.5	32.9	3.40	3114
MonTech	4193	30.6	--	--	--	--	124	10.8	58.3	29.4	3.20	3153
PulseUSA	DS_Admiral	30.5	28.8	--	29.7	--	123	11.0	58.7	30.0	2.40	3036
Meridian_Seeds	AAC_Carver	28.6	--	--	--	--	116	10.3	59.6	30.3	3.80	3619
PulseUSA	SW_Midas	28.0	24.3	--	26.2	--	113	11.6	57.5	26.6	3.40	3652
PulseUSA	Nette_2010	28.0	28.7	--	28.3	--	113	11.5	59.6	29.1	1.00	3578
CDC	CDC_Meadow	27.0	--	--	--	--	109	10.8	59.1	28.9	3.00	3992
CDC	CDC_Saffron	26.4	--	--	--	--	107	11.6	59.2	28.8	4.00	3463
MonTech	4152	24.8	27.1	--	26.0	--	100	11.3	58.7	29.0	1.00	3057
CDC	CDC_Amarillo	24.6	--	--	--	--	99	11.8	60.1	32.3	5.40	3554
USDA-ARS	PS08101022	18.6	--	--	--	--	75	10.7	58.9	26.5	30.33	3154
USDA-ARS	PS07100925	18.5	--	--	--	--	75	10.9	59.0	25.3	2.67	2704
Meridian_Seeds	Agassiz	16.5	21.3	--	18.9	--	66	11.6	58.2	26.6	4.44	3116
Meridian_Seeds	Agassiz_w/ApronM	15.7	--	--	--	--	63	11.9	58.3	27.8	4.44	3129
USDA-ARS	PS08101004	13.8	--	--	--	--	56	10.1	58.6	26.6	4.00	3572
USDA-ARS	PS08100950	10.6	--	--	--	--	43	10.5	58.5	24.0	4.33	3022
Average		25	26	--	25	--	100	11.2	58.8	28.7	3.21	3292
CV (%)		32	14	--	23	--		7	2	10	44	10
LSD(0.05)		6.0	3	--	4	--		1.01	1.13	2.60	0.75	201.26