

South Dakota State University

Field Pea CPT - 2004

Trial ID: _____ Study Dir.: _____
 Location: Wall, SD Investigator: John R. Rickertsen

Character Rated Rating Data Type Rating Date ARM Action Codes # Subsamples, Dec.	Height inches Jul-22-04	Lodging 0-9 Jul-22-04	Moisture %	Test Wt Lb/Bu	Yield Bu/A TY1 1	Yield Kg/Ha TY2 1
Trt Treatment No. Name						
140-10 Magda	36.0	8.5	10.27	61.55	26.3	1767.5
2Arvika	34.0	7.8	10.77	62.13	27.9	1874.9
3Forager	34.8	7.5	10.08	59.95	30.6	2060.4
4Lifter	19.5	6.8	10.70	62.70	18.7	1259.7
5Victoria	35.3	8.0	11.35	60.85	30.8	2070.2
6Grande	23.8	4.8	11.18	60.98	25.4	1708.9
7Adminral	21.8	0.3	10.30	61.28	25.1	1689.3
8Carneval	22.0	0.3			14.2	957.0
9Circus	18.5	0.3	10.50	61.05	21.1	1415.9
10Delta	18.5	1.0	9.95	62.45	26.6	1787.0
11Eclipse	17.3	0.3	10.07	60.30	24.8	1669.8
12CDC Mozart	18.3	0.3	10.70	62.80	23.8	1601.4
13Salute	20.0	0.5	10.33	62.10	21.6	1455.0
14Crusier	20.0	0.5	10.45	61.00	21.6	1455.0
15Journey	33.5	7.8	9.50	60.65	25.4	1708.9
16Majoret	20.5	1.0	10.67	62.03	24.4	1640.5
17Millennium	16.5	0.5	10.00	61.60	20.3	1367.1
18Stirling	17.8	2.8	9.85	62.30	22.2	1494.0
19Stratus	19.5	1.5	10.07	60.47	27.9	1874.9
20PS810162	15.8	0.8	9.65	59.80	30.5	2050.6
21PS9910592	19.5	7.0	9.90	61.20	19.3	1298.7
22PS0010792	17.3	2.8			15.5	1044.8
23PS0010804	16.8	1.5	9.93	61.40	22.4	1503.8
24PS9910140	21.8	3.3	10.40	61.70	26.6	1787.0
25PS0010806	18.0	2.5			17.6	1181.6
26PS0010836	16.3	0.3	9.77	60.78	30.5	2050.6
LSD (P=.05)	3.44	1.40	0.944	1.915	4.46	299.71
Standard Deviation	2.43	0.99	0.661	1.340	3.15	211.93
CV	11.05	33.0	6.43	2.18	13.19	13.19
Grand Mean	22.02	3.0	10.28	61.35	23.89	1606.7
Bartlett's X2	31.18	38.418	55.888	13.745	34.813	34.813
P(Bartlett's X2)	0.183	0.031*	0.001*	0.798	0.092	0.092
Replicate F	1.536	1.020	3.807	0.401	1.314	1.314
Replicate Prob(F)	0.2121	0.3885	0.0160	0.7527	0.2763	0.2760
Treatment F	29.484	38.510	2.011	1.573	8.476	8.476
Treatment Prob(F)	0.0001	0.0001	0.0224	0.0961	0.0001	0.0001

Means followed by same letter do not significantly differ (P=.05, Duncan's New MRT)