

40

POTCHEFSTROOM EXPERIMENT STATION.  
UNIFORMITY TRIAL: 1928 - 29.

Crop: Maize, planted by hand 3' x 3', single plants per hill.  
Soil: Grey clay-loam, previously cropped to variety trial.  
Area: 40 x 250 yards divided into 4 ranges A,B,C,D - each 10 yards wide.  
Unit of Harvesting: Single rows of 10 plants.  
Weights: Husked cobs in lbs. Shelling percentage 80.

ROW :	A :	B :	C :	D :	ROW :	A :	B :	C :	D :
1	7.4	6.1	6.1	7.0	28	7.0	7.5	5.9	5.0
2	6.6	6.2	5.2	6.0	29	5.8	6.8	5.6	6.4
3	8.0	7.6	7.4	5.5	30	7.1	7.4	5.9	6.0
4	7.2	6.8	4.6	6.8	31	5.7	7.1	6.1	6.4
5	6.6	4.8	6.8	5.9	32	6.3	6.3	7.2	6.9
6	5.2	5.3	5.7	7.1	33	6.5	7.3	5.5	5.8
7	6.0	5.8	6.4	5.1	34	7.2	5.7	6.5	6.7
8	7.2	6.2	8.1	6.4	35	7.5	6.6	5.9	5.2
9	7.0	5.2	6.1	5.9	36	5.6	7.2	7.3	6.7
10	6.0	6.3	6.7	5.9	37	7.2	7.2	6.6	6.8
11	7.7	4.9	6.8	6.0	38	7.5	5.9	6.2	6.2
12	7.6	6.1	6.6	8.1	39	6.2	7.2	5.4	5.6
13	6.8	7.0	6.9	7.2	40	7.5	6.5	6.9	6.4
14	5.9	7.2	5.5	7.1	44	6.7	7.6	6.8	6.3
15	6.5	5.6	5.9	6.1	45	7.3	6.8	7.9	6.9
16	6.8	5.9	5.9	5.7	46	7.6	7.9	7.3	6.5
17	6.6	6.5	6.7	6.5	47	7.2	8.0	7.4	7.5
18	5.6	4.9	5.9	5.3	48	6.6	6.6	7.8	5.9
19	7.0	6.0	5.4	6.2	49	7.1	6.3	6.1	7.6
20	6.6	6.4	5.6	5.7	50	5.6	6.2	8.0	7.9
21	6.1	5.8	6.9	5.5	51	7.6	7.6	6.8	7.5
22	5.3	5.0	5.1	7.2	52	7.0	6.2	7.9	7.5
23	7.5	5.9	4.8	6.1	53	7.4	8.1	6.0	7.6
24	6.6	5.9	5.5	6.5	54	7.5	7.7	7.3	7.2
25	7.4	8.0	6.9	6.7	55	7.9	6.7	7.0	7.6
26	6.5	7.9	6.1	5.9	56	5.9	7.1	6.4	6.4
27	6.8	6.0	7.5	5.9	57	8.2	5.9	7.9	7.5



ROW :	A :	B :	C :	D :	ROW :	A :	B :	C :	D :
58	6.5	6.8	7.1	5.7	89	6.8	6.8	6.0	5.6
59	8.1	6.9	5.5	7.6	90	7.1	5.7	5.4	5.8
60	7.0	6.4	6.2	6.2	91	7.2	7.6	6.6	6.0
61	6.6	7.6	7.2	6.9	92	7.7	7.9	6.6	7.0
62	7.3	7.5	8.0	7.6	93	6.0	8.0	5.6	6.4
63	7.8	6.0	7.6	7.8	94	6.7	6.7	5.0	5.0
64	8.1	8.2	7.1	8.0	95	5.8	6.4	5.4	5.0
65	7.9	8.0	7.5	7.4	96	6.2	6.0	6.2	6.4
66	6.9	7.7	8.3	5.9	97	6.0	6.4	6.8	5.2
67	7.5	7.6	8.0	7.5	98	4.8	5.6	6.2	6.4
68	6.9	6.7	6.0	5.3	99	7.3	5.1	6.4	5.6
69	7.5	6.8	7.5	8.1	100	6.4	6.2	6.2	4.8
70	7.4	7.4	7.1	6.3	101	6.0	7.0	6.8	4.8
71	7.4	6.9	5.9	6.4	102	4.8	6.2	6.9	5.1
72	7.7	7.5	7.2	7.0	103	7.1	6.7	6.2	6.8
73	7.2	6.6	8.5	8.0	104	5.9	5.1	5.6	6.2
74	8.0	7.8	6.3	6.0	105	6.5	7.1	5.9	5.7
75	7.3	7.1	5.6	6.0	106	6.5	6.1	7.3	6.4
76	7.2	7.0	7.0	6.4	107	6.0	5.7	5.9	6.3
77	6.9	6.8	7.9	6.5	108	6.0	6.5	6.5	6.6
78	6.7	6.7	6.5	5.5	109	5.9	6.3	6.8	7.0
79	7.4	7.0	5.8	4.8	110	7.3	7.1	5.8	6.9
80	8.1	6.5	6.0	6.2	111	6.5	6.9	6.5	7.1
81	5.4	5.4	7.2	5.9	112	6.8	6.0	6.4	5.0
82	7.2	6.2	5.8	6.0	113	7.1	7.2	6.0	6.1
83	5.9	5.9	6.6	7.2	114	7.1	7.2	6.1	5.8
84	7.5	8.0	6.2	6.4	115	7.5	7.7	6.6	7.0
85	5.0	5.8	6.0	6.0	116	7.6	7.4	6.4	6.6
86	6.4	6.3	6.1	6.2	117	7.1	7.5	6.8	7.2
87	6.8	7.3	5.6	6.4	118	6.9	7.1	6.0	6.0
88	6.8	6.6	5.9	7.5	119	6.5	8.0	6.5	6.2



ROW :	A :	B :	C :	D :	ROW :	A :	B :	C :	D :
120	7.6	6.6	7.2	7.6	151	6.0	6.0	6.4	6.4
121	6.3	7.5	6.0	6.5	152	4.8	5.0	5.9	6.7
122	5.8	6.2	6.6	5.6	153	5.8	5.7	6.0	5.9
123	7.0	7.6	5.4	6.4	154	6.2	5.0	5.8	6.2
124	6.8	7.2	5.4	6.8	155	6.0	6.5	6.5	6.7
125	5.7	6.3	6.7	7.0	156	5.5	6.0	6.2	6.3
126	6.6	7.8	7.2	6.0	157	5.2	6.0	5.0	5.4
127	8.0	7.5	6.2	6.0	158	5.7	5.8	6.3	6.5
128	6.6	7.0	6.5	5.9	159	6.2	6.5	6.1	6.9
129	5.8	6.2	6.5	6.5	160	6.0	7.0	6.7	6.3
130	6.0	7.4	6.0	6.6	161	6.2	5.1	5.9	6.5
131	6.9	7.0	7.2	8.1	162	5.0	5.0	5.5	5.5
132	5.7	7.1	7.5	6.7	163	4.9	5.1	5.0	5.2
133	6.2	6.2	5.7	6.1	164	6.1	5.1	5.2	6.2
134	6.0	6.0	5.4	5.4	165	6.0	4.8	4.7	5.0
135	6.6	6.8	6.9	7.9	166	6.1	5.7	5.8	5.6
136	5.9	6.3	6.5	8.1	167	6.5	5.1	5.2	5.6
137	8.0	6.7	8.2	7.8	168	5.7	6.1	5.2	5.1
138	7.2	7.0	6.4	6.2	169	6.0	5.0	6.0	5.6
139	6.5	7.5	6.4	7.2	170	5.8	6.8	6.6	6.5
140	5.5	6.9	5.6	6.8	171	7.0	6.0	6.4	5.7
141	6.6	5.7	6.5	6.1	172	7.2	6.2	6.2	5.6
142	7.7	5.7	6.0	7.0	173	5.2	5.4	5.8	5.5
143	5.8	6.0	5.2	6.2	174	5.0	5.8	5.0	5.0
144	5.6	5.0	5.8	7.4	175	5.8	5.8	5.8	6.0
145	6.5	5.0	6.1	5.6	176	5.9	5.9	6.0	6.0
146	6.1	6.1	7.1	7.1	177	5.0	5.1	4.9	5.5
147	6.0	7.3	7.0	7.9	178	6.0	5.4	5.3	5.7
148	6.4	5.2	6.8	6.6	179	6.1	6.3	5.8	5.8
149	5.5	5.1	6.5	6.1	180	5.9	5.5	4.8	5.0
150	6.6	6.3	6.1	6.0	181	5.4	5.9	6.0	5.3



ROW	A	B	C	D	ROW	A	B	C	D
182	5.9	6.1	6.2	7.2	216	7.9	7.8	7.3	8.0
183	5.3	6.4	6.3	6.4	217	8.0	8.0	6.1	7.1
184	7.2	6.0	5.3	5.7	218	6.2	6.8	6.0	6.8
185	5.7	6.2	5.5	7.3	219	7.3	7.3	8.0	8.0
186	6.7	5.3	5.4 v	6.6	220	5.8	6.0	7.3	7.9
187	7.5	7.3	7.6	7.2	221	7.1	7.6	7.3	5.1
188	7.5	7.3	6.3	7.1	222	6.8	6.8	7.0	7.3
189	6.7	7.1	6.4	5.7	223	6.6	6.9	5.3	8.0
190	5.9	6.3	5.5	7.5	224	5.7	6.4	6.8	7.3
191	7.1	7.7	6.1	6.7	225	7.5 v	7.7	7.0	5.6
192	8.0	6.1	7.5	7.9	226	8.5	6.9	6.8	8.4
193	6.8	7.6	6.9	7.9	227	7.5	6.7	7.0	7.1
194	7.5	6.9	6.5	6.5	228	6.9	6.3	6.7	7.5
195	7.3	7.9	6.9	7.3	229	7.2	7.0	7.2	6.7
196	7.2	6.9	6.7	8.1	230	7.6	7.4	7.4	7.2
197	7.5	6.7	5.9	7.1	231	8.0	7.4	7.3	7.5
198	7.4	7.2	6.0	7.2	232	7.5	7.7	6.8	6.6
199	7.8	8.0	8.1	8.2	233	7.4	7.7	7.5	7.0
200	7.9	8.1	7.9	8.2	234	7.7	5.8	7.4	7.1
201	6.9	7.1	7.5	6.5	235	7.6	6.4	7.0	6.0
202	5.5	6.7	5.2	7.1	236	8.5	7.0	7.9	6.9
203	6.5	5.6	7.6	7.9	237	8.3	8.0	7.3	7.7
204	6.9	6.8	7.0	6.0	238	7.2	7.0	7.5	7.3
205	6.5	7.4	7.1	7.2	239	7.8	8.0	7.6	6.6
206	6.8	6.5	7.0	7.1	240	8.0	7.3	6.5	6.5
207	8.3	7.3	7.5	7.1	241	6.0	6.4	5.8	6.4
208	7.7	6.2	7.6	6.3	242	7.5	6.0	6.1	7.1
209	7.1	6.3	7.4	5.7	243	7.5	7.6	6.6	6.9
210	7.5	7.7	7.1	6.9	244	8.3	5.9	7.0	6.2
211	6.0	6.3	7.5	7.0	245	8.0	6.6	5.8	6.6
212	7.5	7.2	6.6	7.9	246	7.8	7.0	7.2	8.0
213	7.8	7.2	7.4	6.8	247	6.9	6.0	6.3	5.6
214	7.6	7.6	7.5	6.9	248	7.5	8.0	7.5	7.3
215	7.0	6.8	7.0	5.8	249	6.6	5.6	6.2	5.4
					250	6.9	6.1	8.3	7.9