106

410 plots, each @ 5' x 50' = $\frac{1}{145}$ a   TA . 6 a   R

H. Evans.   unpublished data .

L p 5   As is to be expected from considerations of space, the average number of plots per trial is considerably greater for trials which have not been published than for those which have. This makes the recovery of such data the more valuable.

Then start a new para

	Number of				Total Reqs			
	Entries		Totals		Total plots		mean/total	
	Shar	Tree	Shar	Tree	Shar	Tree	Shar	Tree
G	44	15	135	25	29843	5634	221	225
N	13	1	22	1	12,199	500	554	500
R	22	4	28	H	15,101	15044	539	3,461
E	4	9	6	9	8640	50	1,440	50

	G			N			R			Others	
Entry	No of trucks	TNP	Entry	No tr	TNP	Entry	No tr	TNP	Entry	No	TNP
									5	1	50 tr
1	6	246	13	1	500 tr	2	3	108	8	~~2~~	~~108~~
3	1	175	24	2	400	8	1	2304	19	3	6912
4	1	512 tr	45	1	1050	14	1	2000 tr	40	1	450
6	1	187 tr	66	2	176	17	1	44 tr	71	1	618
7	1	390	75	4	5560	18	1	12,000 tr	104	203	4308
9	2	158	76	1	51	22	1	36	131	1	360
10	6	276	78	2	288	26	1	490			
11	1	234	79	3	300	28	1	3696			
12	1	96	81	1	300	29	1	1280			
15	5	175	83	?	?	30	2	1152			
16	1	60 tr	84	1	280	31	1	480			
20	1	450	92	1	400	32	2	1000			
21	1	46	96	2	200	39	R?	300			
23	1	438	118	1	3100	40	1	250			
24	1	120	131	~~—~~	~~—~~	49	2	134			
25	5	800	133	1	94	55	1	~~410~~ 46			
33	1	69				57	1	30			
34	1	200 tr				85 / ~~92~~	1	1000 tr			
35	1	185 tr				93	2	72			
36	1	364 tr				99	1	600			
37	1	390				102	1	49			
38	1	83				106 / ~~153~~	1	410			
41	11	1085				107(v)	1	960			
42	1	30				117(v)	1	288			
43	1	200				125	1	36			
44	2	325				130	1	1180			

Entry	No. of	TNP	Entry	No	TNP.	Entry	No	TNP	
46	1	105	86	1	161 G	120	1	450	
47	1	600	87	2	158	121	1	295	
48	3	140	88	1	128	122	1	30	
50	1	295	89	5	138	123	1	1280	
51	1	450	90	3	480	124	1	500	
52	2	500	91	1	2000	126	1	224	
53	2	158	94	1	30	127	1	63	
54	1	46	95	2	2422	128	2	470	
~~56/57~~	1	207	97	1	46	129	1	48	
58	1	24	98	1	600	~~132~~	1	1500	
59	1	240	100	1	416	134	1	124	
60	1	48	101	2	192				
61	1	512	103 ~~102~~	1	48				
62	14	1610	105	1	1200				
63	1	124	107(2)	1	1088				
64	3	1735 G	108	1	968				
65	7	1351 G	109	1	48				
67	1	760	110	1	144 G				
68	1	144 G	111	1	24 G				
69	3	73 G	112	1	240				
72	1	576	113	4	140				
73	1	204	114	1	180 G				
74	1	720	115	1	320 G				
77	4	136	116	1	390				
80	1	54	117(1)	1	288				
82	1	390	119	1	160				

<u>New Trials</u>

<u>Sugar Cane</u>

152a	~~Evans H~~		Evans H	R.
76a	Rice		Bose Ganguli & Mahalanobis	N
78a	Rice		Li - Ying Shen	N
54a	Oats	1911	Huntley kantan (unpublished) tp. only.	R.

55   46 plots, each $23\frac{1}{2}' \times 314' = \frac{1}{6}a$. TA 8a   R

~~Total 1911, total produce only~~

Same trial ~~At 000~~ as No 54. 1911, total produce only.

Rice   48   (1) 144 plots, each $5' \times 5' = \frac{1}{1740} a$.   T.A. $\frac{1}{12} a$.   N

(2) 144   ··   ··   ··   ··   ··

Plots arranged in a 12×12 latin square.

Bose.S.S, Ganguli P.M and Mahalanobis P.C. The frequency distribution of plot yields and the optimum size of plots in a uniformity trial with rice in Assam. Indian J. Agric Sci 1936 Vol VI part 5, pp 1104-22.

81   300 plots, each $1.5' \times 14.25' = \frac{1}{2000} a$.   T.A. $\frac{1}{6} a$.   N

Li - Ying - Shen   Statistical analysis of a blank test of rice with suggestions for field technique. Agricultura Sinica. 1934. Vol I No 4 pp 104-50.

G	F	7/4	132	29938 / ~~30158~~	227 / ~~225~~
	Tv.	14	29	5575	192
N	F	17 / ~~15~~	25 / ~~20~~	364 / ~~14500~~	545 / ~~504~~
	Tv	2	2	550	245
R.	F	16 / ~~15~~	21 / ~~20~~	93 / ~~4977~~	~~562~~ / ~~418~~ 381
	Tv.	3	3	15000	5000
E	F	4	6	8640	1440 / ~~2160~~
	Tv	—			

13 2
T. 133

129

3 extra

B 2
T 1

B_0 E   0   A 1
B_1 L   A   BT 1

B_2

	I			II		III	
0	0	00	10	10	00	10	00
0	0	11	01	01	11	01	11
	1	00	10	00	10	00	10
	1	11	01	11	01	11	01

Wheat , Wheat, Oats   barley .

1925 :   Four groups of 15 plots : each a difft var. of wheat .   1 vor width
         SE   910   0.05625 acre   12½ lks × 450 lks. G
1125
1928 :   Wheat   : 360 plots, each 9 rows × 1 chain = $\frac{1}{120}$ a. TA3a
         Yields of 12 plots given   N

1929   24 plots   each of wheat barley, oats + peas.   each ¼ a
                              JG Davies ?   CSIR bull

1928   Pasture   160 plots each 5 × 10 lnks.   N

360 plots in the 1928. wheat only to give
in The Waite Institute Report 1925-32.

Waite Institute (Adelaide) Repr 1925-32
    Yields filed at the Waite Institute .

Sugar cane.   968 plots, each $3' \times 60'$ ~~3×60~~ = $\frac{1}{242}$ a.   TA   4 a.   G

Wynne Sayer and   Krishna Iyer

On some of the factors that influence the error
of field experiments with special reference to
sugar cane.

Indian J. Agric. Sci   1936, vol VI, 4.   p 914

Wheat.

~~Smith HF~~   1080 plots, each $6'' \times 1'$ ~~6×6"~~ = $\frac{1}{84,000}$ a   T.A. $\frac{1}{80}$ a.

R

Smith H.F.   Unpublished data

Sugar-cane: Wynne Sayer, Vaidyanathan and Subramania Iyer.
Ideal size and shape of sugarcane experimental plots
based upon tonnage experiments with Co 205 ad Co 213
conducted in Pusa.   Indian J Agric Sci 1936 vol vi

(1)   840 plots, each $3' \times 30\frac{1}{4}'$ $= \frac{1}{480}$ acre   TA $1\frac{3}{40}$ N
(2)   1088   ..   .. $3' \times 60'$ $= \frac{1}{242}$ acre. TA $4\frac{5}{9}$. G

M Vaidyanathan .   instead of Proc 21st Cong.

────────────────────────────────────

Statistician . Imperial Council of Agric Research.
Pusa ?   New Delhi .

M Mitra: Assistant Mycologist, Imperial Institute of Agric
             Research, Pusa Bihar India .

Analysis of N.

No   J D Harlan.   New York State Agric. Exp Sta   Geneva. N.Y

5   Collison & Harlan: date?   Wrote to C. march 1936. No reply.
~~Written~~   write again . 23rd Apr ,

13   Cheesman & ~~Frost~~. Pound :   write march 1936. ~~Dates~~
~~poor~~ Replies from both :   data apparently lost.

16   ~~A.W.R. Joachim~~ .   Prob. all that were recorded : verify.
~~If not, write~~ . ⌐

17   Beckett. W. H.   re - check, & write.
write 23rd Apr ,

19   Filed at Iowa.   write to Bryan. @ Iowa.
Brandt .

24   Fu Siao :   written ; no reply.   try someone
(out)   . else likely .

45   Wood & Stratton : mangolds.   Give to Stratton if
Wood ↑.   Write 23rd Apr ,

65   L. Lord.   . not written ,

74   R. C Thomas   write 27th may 1936, no reply
write again .

75   K. C Westover   Reprint sent. no yield yet

17 out Chean - Liang - Pa.   write to likely person.

80   Mitra & Ganguli   write.

81   F. R. Parnell .   write

89

A T Swanson. — write but . no yields available.

93   A N Wilcox   written March 1936 No reply.

103   Vaidyanathan .   write.   write.   Wynne Sayer.
                23rd Apr.