App. Received from J. B. Hutchinson 22nd Sept 64/5136

S24-7

BLANK EXPERIMENT AT THE COTTON EXPERIMENT. ST VINCENT 1940-41.

ROWS ↑

PASTURE FIELD : LIGHT ALLUVIUM OF LOW LEVEL YELLOW EARTH: PLANTED 20.8.40. : ROWS 4' SPACING 18" : 300 LBS. $(NH_4)_2SO_4$ AND 150 K_2SO_4 PER ACRE APPLIED 30.9.40

BULKED SEED OF V135 SUPERFINE SEA ISLAND COTTON.

LINT YIELD IN GRAMS PER UNIT [SINGLE PLANT] : UNIT AREA = 4' × 18" 2000 UNITS EXCLUSIVE OF TWO COMPLETE GUARD ROWS.

6.5	12.2	8.9	Dead	Dead	21.5	15.3	13.6	45.0	21.4	Dead	15.8	36.9	9.6	22.1	6.2	6.4	11.9	15.2	9.2	20.0	14.2	17.8	3.0	25.0	Dead	9.5	Dead	7.5	4.0	Dead	Dead	31.9	14.5	11.0	12.9	20.8	7.7	11.6	21.7	8.1	15.0	10.1	13.7	19.0	10.9	9.3	6.7	21.1	18.8
25.5	11.0	22.4	22.0	10.3	20.6	29.1	1.8	12.2	18.1	12.6	15.5	16.1	12.1	19.3	19.0	8.7	17.2	27.4	24.7	10.0	15.8	16.8	23.5	23.0	7.7	8.4	22.4	24.2	25.2	16.7	15.0	21.1	15.5	26.1	12.4	8.2	5.8	6.9	11.7	26.2	33.1	11.5	8.2	Dead	4.7	11.4	8.6	20.2	13.7
25.6	4.0	12.9	21.0	5.8	14.6	9.0	9.2	14.5	34.5	Dead	12.3	17.4	8.1	27.1	15.0	10.3	9.8	11.0	15.8	13.7	25.3	16.8	14.3	21.3	9.6	10.8	13.6	27.2	17.9	25.3	10.1	28.3	20.8	9.3	11.9	16.0	3.1	10.0	22.8	6.0	2.9	22.0	15.7	19.9	9.9	7.6	Dead	12.0	9.5
9.7	16.2	15.1	15.6	5.0	9.0	10.6	37.0	36.8	6.0	15.6	16.7	35.1	31.2	4.3	22.8	32.9	Dead	11.2	21.7	5.9	3.7	18.6	12.6	8.9	19.2	8.5	19.8	32.6	13.2	Dead	16.2	19.6	18.9	6.0	20.5	5.3	26.9	14.5	15.1	Dead	8.8	18.0	22.7	18.2	11.5	9.2	10.9	28.7	21.5
15.9	6.0	19.3	23.9	18.9	7.0	15.9	11.4	20.7	22.8	34.1	21.2	24.7	16.3	25.5	Dead	19.9	10.4	11.3	7.0	12.2	13.2	24.9	6.7	18.6	25.4	9.5	10.5	16.3	28.4	11.0	Dead	10.5	28.9	13.5	23.9	22.6	15.0	12.5	8.7	21.7	2.4	23.4	18.9	11.0	Dead	0.3	16.8	13.6	20.5
26.3	15.7	26.8	15.3	26.0	6.5	17.6	16.1	7.5	12.0	27.7	11.0	38.9	17.0	25.6	30.0	11.7	11.0	31.7	14.0	10.7	34.9	29.6	11.4	23.5	19.0	2.4	28.2	10.2	30.1	29.2	30.7	12.0	Dead	Dead	15.9	20.2	14.2	15.1	6.1	10.6	11.1	20.5	10.7	9.1	15.9	0.0	11.0	Dead	18.0
32.0	15.3	1.5	24.4	8.6	14.0	11.0	9.4	18.4	23.0	18.1	17.2	28.4	24.6	28.9	22.7	5.6	13.7	30.0	23.2	17.7	11.0	20.9	8.1	Dead	21.6	21.8	15.1	26.1	18.0	6.0	17.0	19.4	17.1	16.5	26.5	14.5	10.1	2.5	8.9	13.8	19.5	21.1	16.6	13.9	14.5	Dead	27.5	19.0	26.3
18.0	17.4	27.9	19.1	17.8	17.7	32.9	2.3	12.0	11.7	2.4	16.7	22.5	19.4	24.8	21.8	19.4	32.9	1.0	26.2	20.0	11.7	20.1	19.5	35.0	30.1	19.4	20.5	40.6	8.9	10.7	23.2	6.6	13.1	11.0	18.8	6.8	10.5	7.8	Dead	18.7	21.4	Dead	21.6	6.0	8.4	22.8	18.8	12.4	22.6
13.5	23.9	28.6	15.2	7.8	26.8	21.5	22.2	20.1	26.7	19.6	5.5	25.9	28.6	34.0	16.8	23.6	11.9	7.5	23.2	30.1	13.3	7.1	19.1	15.0	14.6	26.3	26.2	32.9	15.2	29.4	8.7	21.0	11.0	13.4	Dead	19.5	7.4	12.1	16.1	8.6	11.9	22.1	19.2	19.1	13.6	4.4	15.0	21.7	27.9
21.2	26.0	30.1	31.6	22.3	11.4	35.2	26.8	18.5	17.5	22.7	9.3	15.0	14.0	9.2	10.8	12.2	16.1	20.4	24.1	22.9	21.6	33.4	13.5	16.2	23.9	20.5	24.1	25.0	21.7	19.2	17.5	7.3	13.6	19.5	29.6	10.2	21.4	11.8	6.9	1.1	9.1	28.3	10.7	6.1	10.3	11.3	32.0	7.0	6.4
37.6	28.3	20.6	34.6	24.8	22.4	18.0	27.7	21.5	28.2	26.3	14.7	13.2	12.4	24.0	23.8	19.8	9.0	18.2	19.6	29.0	22.0	Dead	17.8	15.8	10.8	17.0	1.0	12.2	11.0	25.5	14.2	7.6	15.2	Dead	13.6	14.4	17.8	12.7	15.5	20.3	3.0	4.6	10.5	14.3	18.6	10.5	21.2	23.7	20.8
27.2	11.1	11.3	48.6	19.6	20.1	25.9	31.9	29.5	26.2	16.0	11.1	26.6	23.0	6.1	6.6	10.8	24.3	14.5	18.3	24.8	15.7	31.2	23.7	15.4	31.3	12.5	8.5	8.7	Dead	19.1	19.0	17.8	10.3	26.9	12.2	23.4	12.8	9.6	13.7	6.8	7.8	15.9	9.2	11.4	5.9	7.9	9.4	11.9	8.2
7.0	20.8	11.2	22.5	12.6	19.5	24.6	32.4	16.5	17.2	11.8	10.8	7.7	29.8	6.3	24.9	23.9	9.5	19.5	9.9	10.9	27.0	18.1	33.3	26.3	15.1	24.2	26.2	13.4	3.7	20.4	11.2	14.0	26.5	20.7	11.7	1.8	4.5	9.1	14.0	6.8	5.8	13.0	11.0	5.3	18.6	6.9	11.8	30.0	21.4
13.9	26.9	19.8	40.0	14.2	16.2	18.6	13.3	15.1	28.6	1.6	20.5	6.4	13.5	16.6	13.0	10.2	13.4	25.0	12.8	23.6	14.1	33.2	10.2	14.2	22.1	7.0	25.9	20.4	6.8	14.4	31.8	14.3	0.0	16.3	12.6	13.2	2.5	20.4	14.8	20.7	Dead	26.7	11.5	11.1	1.8	12.1	13.5	Dead	27.2
4.2	6.6	22.6	17.9	27.9	5.3	12.6	23.0	26.2	18.4	17.1	10.5	20.5	20.9	12.3	9.9	23.0	4.4	26.7	9.8	2.6	21.0	7.0	17.0	11.8	15.1	30.4	4.9	9.3	33.2	12.0	13.3	17.9	13.2	34.1	17.3	12.1	7.6	21.3	27.3	9.5	18.3	14.6	8.4	17.0	11.2	5.9	18.0	20.4	30.6
34.7	38.0	12.6	22.6	8.5	11.5	9.8	17.7	4.8	17.3	14.5	11.3	18.5	6.6	15.4	22.9	26.4	18.4	22.7	8.0	29.5	29.6	33.6	28.3	Dead	25.6	28.5	20.2	14.8	9.9	13.3	19.0	14.8	16.5	10.8	23.6	10.3	4.0	11.4	14.1	8.9	5.9	20.1	30.9	10.0	6.3	9.9	14.7	19.2	9.8
30.5	12.6	14.7	24.6	33.4	16.4	26.2	20.6	17.1	12.8	23.4	11.1	16.1	20.4	18.7	2.8	20.0	21.6	8.0	15.7	19.1	11.1	Dead	6.4	18.0	13.5	7.5	5.8	28.1	15.2	11.7	Dead	21.4	20.0	22.2	11.4	1.5	6.8	21.3	23.3	18.7	7.5	16.9	16.4	24.6	15.9	13.4	10.9	12.2	13.7
21.2	19.4	13.0	23.1	8.4	15.3	13.1	30.4	21.4	20.4	6.6	17.4	14.2	26.9	21.3	43.3	24.5	10.8	22.0	13.1	13.6	20.7	9.0	Dead	28.2	14.0	16.4	21.5	10.5	18.6	13.1	17.6	22.3	12.1	15.6	21.6	8.3	13.2	4.2	12.5	8.3	13.8	11.9	20.3	10.4	6.1	12.8	20.9	45.2	20.2
20.6	16.1	24.5	44.0	15.8	17.0	23.9	13.0	6.0	16.0	16.3	23.5	16.0	27.9	Dead	18.0	37.1	26.5	21.5	31.4	33.6	9.2	37.6	13.4	22.8	29.6	9.5	17.6	7.9	19.4	17.9	9.2	14.0	2.7	18.2	7.6	14.8	5.6	14.2	10.7	15.0	14.1	23.8	15.3	13.1	7.8	12.9	10.8	13.3	12.8
21.1	24.6	16.8	21.5	12.7	22.1	16.3	12.0	18.4	15.5	11.4	12.8	13.8	13.8	16.8	24.6	8.0	19.0	39.5	22.2	24.7	32.0	28.3	13.9	30.1	23.7	22.2	17.0	23.7	18.8	20.6	7.5	Dead	9.6	21.3	18.9	8.7	11.0	22.6	Dead	20.6	15.3	13.3	12.1	10.2	15.6	8.9	12.2	27.7	1.7
20.5	11.3	2.1	4.9	10.8	8.6	5.1	27.5	10.4	23.0	26.7	19.8	32.1	11.6	17.0	19.1	19.7	20.0	9.0	15.1	1.4	16.7	7.8	24.9	7.7	5.7	14.4	5.1	Dead	24.1	21.7	17.1	22.7	20.9	14.8	16.1	7.0	9.7	16.2	16.1	16.5	9.4	11.1	15.5	4.9	16.6	9.9	Dead	32.1	14.8
18.0	26.8	19.6	42.7	14.1	7.7	12.9	10.3	10.0	10.1	4.5	7.1	1.5	23.8	16.0	14.8	9.1	7.1	13.7	22.9	14.7	6.6	5.5	19.4	32.2	15.6	20.0	34.2	12.0	21.3	26.4	7.2	22.9	14.5	12.6	15.2	6.7	5.3	12.8	9.4	17.4	12.1	16.2	24.7	16.8	Dead	6.5	13.0	11.9	21.6
6.5	6.9	18.8	7.2	18.4	11.0	23.9	19.5	8.2	5.5	7.5	15.7	25.0	12.6	13.1	17.2	44.2	27.9	21.0	14.3	24.0	8.3	17.8	19.3	12.2	23.6	10.3	36.1	9.1	21.2	15.1	51.7	23.5	14.1	14.5	4.7	6.4	9.6	4.7	17.7	19.9	7.9	22.0	9.2	18.0	17.6	30.6	15.2	19.7	27.8
21.8	8.9	10.9	15.8	3.5	8.6	23.7	25.0	13.0	19.7	9.5	17.1	15.4	8.8	26.3	16.9	21.7	22.3	14.2	22.9	19.8	5.2	14.8	24.2	27.8	27.8	21.0	16.9	30.4	24.0	8.7	29.1	15.1	15.2	16.8	Dead	15.7	6.1	11.3	4.9	13.2	8.7	5.2	44.2	12.7	2.3	17.4	10.5	22.5	22.3
3.1	8.6	11.8	20.2	10.8	7.9	15.9	14.8	12.0	12.9	26.0	6.7	20.0	25.6	14.9	9.9	28.9	37.6	18.2	17.5	12.6	17.5	11.0	14.2	4.2	15.4	14.4	11.7	2.7	19.2	16.8	8.6	18.0	6.9	24.3	12.8	10.4	9.0	8.7	20.2	7.4	9.6	19.8	8.6	12.2	27.5	15.5	26.4	17.6	2.7
18.1	8.7	11.1	16.8	29.5	14.2	17.5	15.8	3.2	10.4	27.5	7.0	31.3	21.0	38.1	7.9	10.9	30.5	25.6	7.4	21.5	30.2	29.0	7.0	22.8	14.3	43.1	10.9	Dead	23.8	15.0	33.4	19.4	10.9	21.5	26.1	6.5	12.5	17.6	8.1	11.0	4.9	0.7	9.8	13.7	9.1	15.2	7.6	11.8	14.4
31.6	0.0	16.2	11.9	10.6	1.0	15.6	18.9	41.0	28.7	14.1	20.3	15.0	12.5	5.2	10.0	22.1	12.1	26.9	25.0	10.0	13.3	19.1	0.7	18.4	22.7	16.1	15.5	40.4	27.0	24.6	10.5	20.2	16.4	22.8	44.1	5.9	5.7	11.6	13.8	6.1	13.7	9.5	23.6	15.2	11.0	18.5	1.3	9.9	16.5
20.8	11.8	17.3	16.6	10.6	30.8	29.4	17.9	20.8	12.5	15.7	16.5	6.0	17.1	19.6	8.5	19.8	23.0	44.5	10.6	8.0	3.9	1.3	9.5	4.0	36.5	15.5	17.7	8.7	15.7	17.1	29.8	16.4	15.2	22.6	23.8	17.5	18.3	22.0	21.0	7.1	5.5	15.4	15.3	6.2	19.1	18.6	27.2	25.6	14.1
0.0	16.9	2.3	0.0	14.1	7.8	18.5	21.2	9.1	10.0	11.2	26.6	20.9	15.3	21.1	17.4	21.6	16.2	21.0	3.5	29.4	13.6	10.8	9.7	9.5	19.0	45.5	28.9	24.0	34.7	13.8	10.3	13.0	9.5	17.2	17.3	3.6	15.6	5.7	8.0	9.8	7.4	1.8	11.6	26.3	14.4	20.9	7.0	21.1	14.6
14.4	10.3	11.5	32.0	16.1	15.7	13.1	11.6	Dead	29.1	15.0	1.6	12.2	18.8	28.6	17.2	24.7	19.8	12.6	22.6	30.6	8.6	23.3	17.9	23.0	17.6	3.6	28.5	2.8	26.4	24.4	14.1	14.6	22.2	9.0	16.9	11.8	7.1	6.0	25.4	Dead	8.1	2.1	14.9	14.6	13.3	12.2	21.5	20.0	30.7
17.1	10.8	19.2	16.0	14.3	13.4	23.1	18.5	27.2	16.3	11.3	12.8	11.4	16.2	15.8	9.3	25.9	5.5	11.4	14.6	9.7	19.1	10.6	13.3	7.3	25.9	24.5	13.1	16.0	22.8	26.7	15.9	10.5	17.0	18.3	7.1	13.1	20.7	4.9	6.6	13.9	2.9	7.1	17.7	15.9	16.6	9.3	25.0	10.9	21.8
36.8	2.5	6.9	30.8	20.5	Dead	13.4	8.9	20.5	23.1	8.8	14.4	26.8	13.5	13.8	6.4	19.1	16.3	44.1	8.1	21.2	8.5	26.7	25.2	20.1	9.2	0.0	12.6	20.7	26.6	20.0	10.8	11.8	5.7	15.7	10.1	6.5	10.7	10.9	25.9	8.9	2.5	8.0	6.3	3.7	12.0	24.1	15.1	11.7	13.6
25.3	9.1	33.4	20.3	1.6	14.0	6.3	14.5	7.5	44.3	11.0	20.9	7.2	20.9	12.0	26.2	12.7	18.2	30.6	16.2	3.2	3.4	5.7	15.8	13.8	17.1	13.0	18.0	26.3	16.1	9.3	16.5	17.8	26.9	7.9	6.3	22.9	11.6	16.6	14.3	19.6	11.9	6.9	10.5	22.2	17.5	14.8	16.5	6.2	8.6
20.9	6.7	7.4	25.5	1.3	15.9	15.3	12.5	13.3	19.5	12.2	20.7	11.5	22.8	21.5	2.2	16.5	22.3	17.5	20.8	7.4	11.0	15.4	25.4	17.5	17.0	12.4	27.9	11.7	37.3	12.8	16.5	7.9	12.8	8.2	17.3	2.0	13.3	5.5	14.4	15.7	7.1	11.7	11.7	25.6	9.0	21.3	12.4	9.5	17.8
27.0	17.0	10.2	6.1	9.3	15.7	17.7	22.9	29.2	8.8	37.1	22.5	39.5	6.6	22.6	31.4	36.0	6.8	19.0	17.9	32.0	13.6	5.2	9.6	6.3	16.1	14.3	24.9	20.1	19.9	17.6	14.1	9.3	14.8	19.8	19.2	6.4	7.9	6.6	21.7	7.6	12.3	8.0	9.5	17.1	19.5	20.7	6.8	31.0	20.7
18.1	18.2	19.0	14.1	5.9	20.8	11.4	9.6	17.0	25.4	2.4	29.0	2.0	18.6	15.3	15.2	26.6	18.3	29.6	18.1	11.7	15.8	6.0	20.2	14.2	18.1	5.4	14.2	19.9	14.9	17.6	1.8	11.6	4.9	4.5	10.7	3.5	25.6	9.3	4.9	5.6	12.9	15.4	3.0	15.0	17.5	30.8	14.4	Dead	11.9
18.4	19.7	1.8	8.9	8.6	1.6	33.5	15.2	22.3	14.7	6.5	32.1	1.9	Dead	29.3	21.0	17.0	19.0	Dead	17.9	14.3	20.1	19.0	5.2	10.5	22.4	12.6	21.6	7.1	19.7	20.7	14.3	11.6	13.8	19.3	11.7	11.5	11.7	13.7	10.0	11.3	14.5	6.1	10.3	15.1	21.9	24.7	21.3	19.9	33.0
40.5	3.5	32.8	5.5	19.7	22.3	23.8	2.3	13.0	24.8	25.2	15.7	12.2	29.6	16.0	11.6	21.0	26.0	25.4	15.1	20.4	12.1	5.8	12.2	19.7	10.8	10.2	6.8	17.2	14.1	20.0	5.1	1.0	16.2	8.2	19.6	14.8	13.7	2.8	22.5	0.0	4.2	14.2	8.6	8.4	15.1	11.1	14.1	32.1	20.2
44.3	32.9	Dead	33.3	16.1	14.6	7.2	55.5	11.6	21.0	18.1	21.0	28.3	16.5	13.2	18.0	22.2	16.1	20.6	16.2	18.8	9.5	11.0	19.0	35.0	22.6	4.3	24.6	18.4	10.5	11.0	1.2	13.0	16.3	7.6	4.6	27.3	4.3	24.1	16.4	25.5	7.4	0.3	11.3	12.8	33.4	26.0	5.6	28.9	25.8
19.8	24.6	37.8	10.0	24.8	25.1	32.6	6.4	11.4	22.1	21.0	31.5	44.6	14.5	17.6	10.2	0.0	24.5	44.9	21.6	44.5	20.6	14.7	28.8	11.6	22.1	11.0	22.1	23.7	2.4	20.7	15.1	11.5	13.0	44.9	15.2	17.4	28.1	14.5	7.4	13.6	13.9	17.3	5.3	23.6	26.5	16.2	25.3	33.3	28.5