

FIELD EXPERIMENTS 1965

Serial No. F 5

Stat. File 37

Crop: Potatoes Field: Loke Piece

Experiment: Peas Potato Rotational Manuring

Treatments and Layout: 6 x 6 Latin Square

A. No manuring

B. F.Y.M. for Peas

C. F.Y.M. for Potatoes

D. No F.Y.M. P.K. compound for Peas

E. F.Y.M. for Peas P.K. compound for Peas

F. F.Y.M. for Potatoes P.K. compound for Peas

Plot size: Treatment: 16 yards x 6 yards

Harvest: 8 yards x 4 rows @ 30 inches

Manuring with dates of: 3rd January - F.Y.M. treatments at 10 ton per acre

1st April - 10 cwt 15 : 15 : 20 broadcast overall

Date of Planting: 1st April Variety: King Edward

Date of flight sprays: 29th June, 17th and 31st July Seedrate: Farm

Date of Burning off: 20th August with  $H_2SO_4$ 

Date of harvesting: 1st November

Date of Moulding: 17th November. 2" top and 1 1/2" bottom riddles

Remark: Previous cropping: 1964 Peas  
 1963 Barley  
 1962 Cereals

Summary of Results

Treatment	Total Yield tons per acre	Yield of Ware		% Ware over 2"
		over 1½"	over 2"	
A No Manuring	18.2	16.3	13.3	72.8
B F.Y.M. for Peas	17.5	15.7	13.1	74.5
C F.Y.M. for Potatoes	18.1	16.3	13.5	74.6
D No F.Y.M. PK. Compound for Peas	19.4	17.0	13.9	71.7
E F.Y.M. for Peas Pt. Compound for Peas	18.4	16.6	14.1	76.4
F F.Y.M. for Potatoes PK. Compound for Peas	18.2	16.3	13.6	74.1
S.E. Treatment means	±0.766	±0.708	±0.654	±1.12
PK. Compound for Peas	18.7	16.6	13.9	74.1
No PK. Compound	18.0	16.1	13.3	74.0
S.E. PK. means	±0.442	±0.409	±0.378	±0.64
F.Y.M. for Potatoes	18.2	16.3	13.5	74.4
F.Y.M. for Peas	18.0	16.1	13.6	75.4
No F.Y.M.	18.8	16.6	13.6	72.2
S.E. F.Y.M. means	±0.542	±0.501	±0.462	±0.79
S.E. as E.C.K.	10.2	10.6	11.8	3.7