

FIELD EXPERIMENTS 1963

Crop: Potatoes

Field: Footpath

Experiments: Pea Potato Rotational Manuring

Treatments & 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. FK compound for peas

E - F.Y.M. Peas. FK compound for peas.

F - F.Y.M. Potatoes. FK compound for peas.

Plot size:

Treatment: 16^x x 6^x.Harvest: 10^x x 4 rows.

Manuring with dates of:

10 cwt 13:13:20 compound

Date of drilling: 9 April

Variety: Pentland Crown

Seed Rate: Farm

Date of Harvest: 26 September

Date of riddling: 30 September

Remarks (previous cropping, cultivations, etc.)

1962 Peas

1961 Barley

1960 Sugar Beet.

Results

Treatments	Total Yield (tons/acre)	Yield > 1 st (tons/acre)
A No manuring	13.0	12.9
B F.Y.M. for Peas	12.3	12.2
C F.Y.M. for Potatoes	15.1	15.0
D No F.Y.M. PK compound for Peas	12.3	12.2
E F.Y.M. for Peas. PK compound for Peas	12.8	12.7
F F.Y.M. for Potatoes. PK compound for Peas	14.9	14.8
Sig. Diff. Treatment means	0.85 SE	0.84 SE
PK compound for Peas	13.4	13.2
No PK compound	13.5	13.4
Sig. Diff. PK means	N.S.	N.S.
F.Y.M. for Potatoes	15.0	14.9
F.Y.M. for Peas	12.6	12.5
No F.Y.M.	12.7	12.6
Sig. Diff. F.Y.M. means	0.60 SE	0.60 SE
S.E. as G.M.	5.2	5.2