

FIELD EXPERIMENTS 1964

Crops: Potatoes

Field: Carr's Place

Experiment: 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. PK compound for peas
- E. F.Y.M. for peas PK compound for peas
- F. F.Y.M. for potatoes PK compound for peas

Plot size: Treatment 16 yds. x 6 yds.

Harvest 10 yds. x 4 rows x 30"

Manuring with dates of: 16th April
9 cwt. 15 : 15 : 20

Date of Planting: 16th April Variety: King Edward Seed Rate: Farm

Date of Harvesting: 30th September and 1st October

Date of Riddling: 2nd October

Date of Blight sprays: 25th June (Dithane) July 15th, 21st and 21st (Blitane)

Date of Burning off: 21st August

Remarks (previous cropping, cultivations, etc.)

1963 Peas

1962 Winter Barley

1961 Sugar Beet

Summary of Results

Treatment	Total Yield tons/acre	Yield of ware over 1 1/2" tons/acre	Yield over 2" tons/acre	% Ware over 2"
No manuring	14.0	13.1	8.2	58.5
F.Y.M. for peas	14.6	13.8	9.2	62.5
F.Y.M. for potatoes	15.0	14.2	9.5	63.1
No F.Y.M. PK compound for peas	14.3	13.2	8.2	57.5
F.Y.M. for peas PK compound for peas	14.8	13.8	9.1	60.9
F.Y.M. for potatoes PK compound for peas	15.5	14.5	9.8	64.0
S.E.	± 0.259	± 0.264	± 0.259	± 0.98
Sig. diff.	0.77	0.78	0.77	2.89
S.E. as % G.M.	4.3	4.7	7.0	4.0

Treatment	Total Yield tons/acre	Yield of ware over 1 1/2" tons/acre	Yield of ware over 2" tons/acre	% Ware over 2"
PK Compound for Peas	14.8	13.8	9.0	60.7
No PK Compound	14.5	13.7	9.0	61.4
S.E.	± 0.151	± 0.153	± 0.148	± 0.568
F.Y.M. for potatoes	15.2	14.4	9.6	63.6
F.Y.M. for Peas	14.7	13.8	9.2	61.7
No F.Y.M.	14.1	13.2	8.2	57.9
S.E.	± 0.185	± 0.188	± 0.182	± 0.696
S.E. as % G.M.	4.3	4.7	7.0	4.0