

FIELD EXPERIMENTS 1960

Crop: Vining Peas

Field: North Field

Experiment: Manurial Placement Trial

Treatments and Layout: Randomised Blocks. 10 treatments with 4 replications.

1. No Fertiliser
2. 2 cwt/acre of 18% Superphosphate (P)
3. 3 cwt/acre of 50% Muriate of Potash (K)
4. P plus K
5. P plus K plus $1\frac{1}{2}$ cwt/acre of Sulphate of Ammonia

All either broadcast or placed 1" below and 2" to the side.

Plot Size: Treatment 20^x x 4 rows at 20"
 Harvest 19^x x 2 rows at 20"

Manning with dates of: No basal fertiliser. Treatment fertilisers
 applied on May 10th.

Date of drilling: May 10th Variety: Thomas Laxton Seed Rate: -

Date of Harvest:	Block III	July 18th 1960
	II	July 19th 1960
	I	July 20th 1960
	IV	July 21st 1960

Remarks (previous cropping, cultivations, etc.)

1959	Spring Barley
1958	Sugar Beet
1957	Winter Wheat

Note Book No.

W.S.

Vining Peas Manurial Trial Results

Yield of green peas in cwt/acre

Fertiliser Treatments	Method of application		Fertiliser Means	
	Broadcast	Placed		
O	38.2	34.5	36.4	} Sig. Diff. 4.0
P	37.6	34.8	36.2	
K	34.5	33.6	34.0	
PK	36.1	35.6	35.9	
NEK	31.5	30.0	30.8	
Method of Application Means	35.6	33.7		

n.s

Standard error as % of General Mean = 11.4

Tenderometer and Alcohol Insoluble Solids

Fertiliser Treatments	Method of Application				Fertiliser Means	
	Broadcast		Placed		T.	AIS
	T.	AIS	T.	AIS		
O	100.5	13.3	98.6	12.3	99.5	12.8
P	99.6	12.6	97.2	11.7	98.4	12.2
K	95.6	11.8	97.5	12.6	96.5	12.2
PK	99.4	12.4	98.8	12.7	99.1	12.6
NEK	95.9	12.5	95.6	12.5	95.8	12.5
Method of Application Means	98.2	12.5	97.5	12.4		

Standard error as % of General Mean:- Tenderometer = 3.0
A.I.S. = 1.6

A.I.S. B. V P. x Ferts interaction Sig.Diff. 0.3 ±