

FIELD EXPERIMENTS 1957.

Crop: Potatoes.

Field: 17 acres.

Experiment: Chitting and Fertilizer placement trial.

Treatments & Layout: Randomised blocks with 6 replications.

Treatments.	1.	Chitted fertilizer placed.	2 side spouts.
	2.	" " "	3 spouts.
	3.	Unchitted " "	2 side spouts.
	4.	" " "	3 spouts.
	5.	Chitted fertilizer broadcast just before planting.	
	6.	Unchitted " " " " "	

Plot Size: Treatment:- 10^x x 9 rows @ 28".Harvest:- 8^x x 7 rows @ 28".

Manuring with dates of:

10 tons of F.Y.M. per acre.

3.4.57. Treatment fertilizer applied.

8.24 cwt/acre of 10:10:15 compound.

Date of drilling: 3.4.57. Variety: King Edward Seed Rate: -

Date of harvest: October 10th, 1957.

Date of

Remarks (previous cropping, cultivations, etc.)

1956 Spring Cereal trials.

1955 Sugar Beet.

1954 Vining Peas.

Note Book No.

Results Chitting and Fertilizer Placement Trial 1957.

<u>Treatment</u>	<u>Yield of Ware in tons/acre.</u>	<u>Yield of total tubers in tons/acre.</u>
Chitted	14.5	15.4
Unchitted	14.6	15.2
Fertilizer Broadcast	14.0	14.8
" Placed 2 spouts	14.9	15.8
" Placed 3 spouts	14.5	15.2
Chitted Broadcast	14.5	15.3
" Placed 2 spouts	15.9	16.1
" Placed 3 spouts	14.0	14.8
Unchitted Broadcast	13.8	14.4
" Placed 2 spouts	14.9	15.5
" Placed 3 spouts	15.0	15.6
Coeff. of variation.	5.4%	5.6%
	Not significant (sig. 10% level)	Not significant (sig. 10% level)