

FIELD EXPERIMENTS 19 58

Crop: Potatoes

Field: Heater Piece

Experiment: Fertiliser Placement and Seed Treatment Trial.

Treatments & Layout: 6 x 6 Latin Square.

1. Fertiliser Broadcast. Chitted Seed.
2. Fertiliser placed using 3 spouts. Chitted Seed.
3. Fertiliser placed using 2 spouts. Chitted Seed.
4. Fertiliser Broadcast. Unchitted Seed.
5. Fertiliser placed using 3 spouts. Unchitted Seed.
6. Fertiliser placed using 2 spouts. Unchitted Seed.

Plot Size: Treatment:- 18 yards x 6 rows at 30"
Harvest:- 16 yards x 4 rows.

Manuring with dates of:

12 tons/acre F.Y.M.

Date of drilling: 8th April Variety: King Edward Seed Rate: 1 ton/acre.

Date of Harvest: October 16th and 17th (Whitsted)

Date of Riddling: November 26th.

Remarks (previous cropping, cultivations, etc.)

1957 Seed Barley

1956 Sugar Beet.

1955 Spring Oats.

Note Book No.

Results Fertiliser placement and Seed Treatment Trial 1958 Heater Piece

Yield Data in Tons per Acre

Treatment	Ware	Seed + Chats	Total
Chitted	10.19	1.19	11.39
Unchitted	7.82	1.20	9.01
	} Sig dif 0.73	} N.S.	} Sig dif 0.70
Fertiliser Broadcast	8.39	0.96	9.34
Placed 2 spouts	9.41	1.26	10.67
Placed 3 spouts	9.21	1.36	10.58
	} N.S.	} Sig dif 0.13	} Sig dif 0.86
Chitted broadcast	9.65	0.83	10.48
Chitted placed 2 spouts	10.63	1.30	11.93
Chitted placed 3 spouts	10.30	1.45	11.75
	} Sig dif.	} Sig dif.	} Sig dif 1.21
Unchitted Broadcast	7.12	1.09	8.21
Unchitted placed 2 spouts	8.19	1.23	9.42
Unchitted placed 3 spouts	8.13	1.28	9.41
	} 1.26	} 0.18	
Coeff. of variation	11.6%	12.7%	9.9%