

FIELD EXPERIMENTS 1953

Crop: Potatoes

Field: Beeston Hyrne

Experiment: Time of Planting Variety and Level of Manuring.

Treatments & Layout: 4 Randomised Blocks.

Main: Time of Planting

Early	}	Season	{	18th March
Mid				9th April
Late				4th May

Subsidiary: King Edward } at 0, 8 and 12 cwt I.C.I. No.1 [12:12:15]
 Majestic } N:P:K

Plot Size { 7 yds x 10 $\frac{1}{2}$ yds Treatment.
 6 yds x 7 $\frac{1}{2}$ yds Harvest.

Manuring with dates of:

F.Y.M. 10 tons Autumn applied.

Date of drilling: See above Variety: Seed Rate:

Date of Harvest October 6th.

Date of

Remarks (previous cropping, cultivations, etc.)

Previous cropping: 1951 Sugar beet.
 1952 Barley

Note Book No.

BOX FILE 23.

POTATO RESULTS 1953

Total Yield (tons per acre)

	<u>Date of Planting</u>
Early	13.4
Mid	13.8
Late	12.5
	N. S.

	<u>Varieties</u>		<u>Manuring</u>
King Edward	12.0	0 cwt I.C.I. No.1	9.2
Majestic	14.5	8 cwt I.C.I. No.1	14.7
Significant Difference	0.6	12 cwt I.C.I. No.1	15.8
		Significant Difference	0.75

Variety x Manuring

	<u>No I.C.I.</u>	<u>8 cwt I.C.I.</u>	<u>12 cwt I.C.I.</u>
King Edward	7.5	13.3	15.2
Majestic	10.9	16.1	16.4
Significant Difference	1.1	1.1	1.1

Yield of Ware (tons per acre) over 2" riddle

	<u>Date of Planting</u>
Early	9.6
Mid	9.7
Late	8.3
	N. S.

	<u>Varieties</u>		<u>Manuring</u>
King Edward	6.8	No I.C.I.	5.6
Majestic	11.5	8 cwt I.C.I.	10.2
	0.6	12 cwt I.C.I.	11.8
Significant Difference	0.75	Significant Difference	0.75

Yield of Seed (tons per acre) 2" - 1 1/4" riddle

	<u>Time of Planting</u>
Early	3.8
Mid	4.1
Late	4.2
	N. S.

	<u>Varieties</u>		<u>Manuring</u>
King Edward	5.9	No I.C.I.	3.5
Majestic	2.9	8 cwt I.C.I.	4.5
Significant Difference	0.3	12 cwt I.C.I.	4.0
		Significant Difference	0.3

Yield of Lead.

	<u>Date x Manuring</u>		
	<u>No I.C.I.</u>	<u>8 cwt I.C.I.</u>	<u>12 cwt I.C.I.</u>
Early	3.4	4.1	3.9
Mld	3.6	4.4	4.4
Late	3.6	5.2	3.8
Significant Difference	0.56	0.56	0.56

	<u>Variety x Manuring</u>		
	<u>No I.C.I.</u>	<u>8 cwt I.C.I.</u>	<u>12 cwt I.C.I.</u>
King Edward	4.1	5.9	5.4
Majestic	3.0	3.2	2.6
Significant Difference	0.46	0.46	0.46