

Serial No. **A.3.**
ENS/0226

FIELD EXPERIMENTS 1957.

Crop: Sugar Beet

Field: 24 acres.

Experiment: Thimet and E.M.P. Trial.

Treatments & Layout: Three systematic plots.

Sharpes Klein E seed treated with Ethyl Mercuric Phosphate.

Sharpes Klein E seed treated with 2 ozs Thimet per 10 lbs seed (5%).

Sharpes Klein E seed treated with 8 ozs Thimet per 10 lbs seed (1.25%).

Plot Size: ten yards x 8 rows @ 20".

Manuring with dates of: Basal dressing 5 cwt/acre of Kainit in Autumn,
plus 8 cwt of 10:10:15 compound on seedbed.

14.6.57 2 cwt/acre of Nitro-chalk topdressing.

Date of drilling: 25th April 1957 Variety: Sharpes Klein E Seed Rate: 10lbs/
acre.

Date of 100" counts: 5th June 1957.

Date of singling: 6th June 1957.

Remarks (previous cropping, cultivations, etc.)

1954	Vining Peas.
1955	Winter Wheat.
1956	Spring Oats.

Note Book No.

Thimet Trial 1957. 24 acres.

100" count Summaries.

	Singles per 100"	Total beet inches per 100"	% singles
E.M.P. treated alone.	16	32.5	49.2
E.M.P. + 2 ozs Thimet	8	10	80.0
E.M.P. + 8 ozs Thimet	3	4	75.0

Observations at time of 100" counts.

Plants on Thimet plots were smaller than those on control plots.

No Mangel fly damage on any of the plots.