

Serial No. **ENS/0021**
A1

FIELD EXPERIMENTS 19 40.

Crop: **Sugar Beet.** Field: **G.**

Experiment: **Nitrogenous Manuring.**

Treatments & Layout:

N/S v N/C

3 cpts. by 4 cmts. . .

5 Randomised Blocks.

Manuring with dates of:

As for farm-basal.

Nitrogen applied 17/4/40.

Date of drilling: **10/4/40** Variety: **Marsters.** Seed Rate:

Date of ---

Date of - ----

Remarks (previous cropping, cultivations, etc.)

Plot size cut down owing to change of varieties in farm crop.

Note Book No. **Sugar Beet 1938 - 43.**

Box File (3)

Nitrogenous Manuring Trial 1940.

Field G.

<u>Results.</u>		<u>Nitrate of Soda.</u>	<u>Nitro-chalk</u>	<u>Mean.</u>	
(a) <u>Yield of roots.</u>	3 cwts /acre	16.16.	15.27	15.72	SIG DIFF 0.79
	4	16.40.	15.71	16.06.	
	Mean.	16.28	15.49	-	

~~Sig. Diff. between Means.~~

~~0.79~~

(b) <u>Sugar %</u>	3 cwts/acre.	20.40	20.38	20.39
	4 " "	20.46	20.18	20.32
	Mean.	20.43	20.28	-

Sig. Diff. between Means. 0.27.

(c) <u>Yield of Sugar.</u>	3 cwts/ acre.	65.98	62.39	64.19
	4 " /acre.	67.25	63.46	65.35
	Mean.	66.62	62.93	-

Sig. Diff. between Means 5.73.

Conclusions.

N/S



N/C

in both yield of roots and yield of sugar per acre.