

Serial No. A3
ENS/0229

FIELD EXPERIMENTS 1957

Crop: Sugar Beet

Field: 24 Acres

Experiment: Seeds Dressings Trial

Treatments & Layout:

Randomised plots. Five treatments with six replications.

- Treatments:-
1. Dry Mercurial (Ceresan @ $1\frac{1}{2}$ oz./bushel)
 2. Combined dry Mercurial + B.H.C. (Mergamma)
 3. Wet Mercurial (steeped with E.M.P. solution)
 4. Combined Wet Mercurial + dry B.H.C.
 5. Steeped in water and dried in same manner as with E.M.P. solution.

Plot Size: Treatment:- 60^x x 4 rows @ 20"

Manuring with dates of:

- 4cwt/acre of Kainit ploughed in in Autumn.
- 10cwt/acre of 10:10:15 compound on seedbed.
- Top dressing 14th June. 2cwt/acre nitro-chalk.

Date of drilling: 15. 4. 57 Variety: Sharpes Klein E Seed Rate: 7-11 + Ceresan
7.88lbs/acre
Date of detailed 100" counts 23. 5. 57 7-11 + E.M.P. +
B.H.C. 7.05lbs/
Date of quick 100" counts 4. 6. 57 acre

Remarks (previous cropping, cultivations, etc.)

Sprayed with Metasystox June 5th, 1957.

- 1956. Spring Oats
- 1955. N.I.A.B. Winter Wheat Trials
- 1954. Vining Peas

Note Book No.

Seeds Dressings Trial. Results 1957.

100" counts summary.

Treatments	1's	2's	3's	4's	Total Multiples	Total Beet "	% Singles
W	12.9	6.8	0.2	0.2	7.2	20.2	64.0
M	18.5	9.2	0.8	-	10.0	28.5	64.9
B.H.C. + M	20.9	12.3	1.6	-	13.9	34.8	60.0
E.M.P. + B.H.C.	18.5	9.6	1.1	-	10.7	29.2	63.4
E.M.P.	18.0	9.0	1.2	-	10.2	28.2	63.9
Sig. Diff.	3.8	-	-	-	-	5.4	-

Coefficient of Variation 11.1%