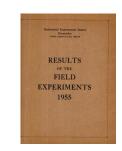
Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readible, or you suspect there are some problems, please let us know and we will correct that.



Yields of the Field Experiments 1955



Full Table of Content

55/R/CF/1 Broccoli - Virus Spread (Dung and N)

Rothamsted Research

Rothamsted Research (1956) 55/R/CF/1 Broccoli - Virus Spread (Dung and N); Yields Of The Field Experiments 1955, pp 100 - 100 - DOI: https://doi.org/10.23637/ERADOC-1-175

55/cf/1

BROCCOLI

Effect of dung and nitrogen on Virus spread - Great Knott I, 1955.

Design: 6 x 6 Latin square.

Area of each plot: 0.0207 acre. Area harvested: 0.0143 acre.

Treatments: All combinations of:-Dung: None; 20 tons per acre.

Nitrogen: None; 0.6; 1.2 cwt N per acre applied as nitrochalk, half before planting, half in spring.

Basal dressing per acre: 4 tons ground chalk; 4 cwt superphosphate and 2 cwt muriate of potash.

Cultivations, etc.: Ploughed: Sept 30, 1953 and again Dec 7. Chalk applied: Feb 24, 1954. Ploughed: Feb 28. Dung applied, ploughed: June 4. Basal fertilizers applied: June 19. 1st application of nitrochalk: July 12. Planted: July 16. Gaps replanted: July 27, Aug 6, Aug 13, Aug 27, Aug 31. 2nd application of nitrochalk: Mar 17, 1955. Harvested: Apr 26 to May 5. Variety: Continuity Previous crop: Wheat.

Note: The replanted broccoli failed.

Standard error per plot;

No. of saleable curds: 0.543 thousands per acre or 20.9% (20 d.f.)

Summary of Results

Dung: tons	N:	cwt per ac	re		
per acre	None	0.6	1,2	Mean	
Number of saleable curds: thousands per acre					
(±0.222)					
None 20	2.66	2.69 3.01	2.44	2.60 2.61	
Mean (±0.157) Difference (±0.314)	2.39	2.85 +0.32	2.57 +0.25	2.60 +0.01 (±	0.181)
Weight per saleable curd: 1b					
None 20	1.28 1.44	1.27 1.42	1.45 1.56	1.33 1.48	
Mean Difference	1.36	1.35 +0.15	1.50 +0.11	1.40	
Per	al no. of contage sale total no. on	eable curds		thousands	per acre

Records of incidence of cauliflower mosaic were made.