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Yields of the Field Experiments 1953

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53/CH/1 Broccoli - Control of Virus - Rothamsted

Rothamsted Research

Rothamsted Research (1954) *53/CH/1 Broccoli - Control of Virus - Rothamsted* ; Yields Of The Field Experiments 1953, pp 103 - 103 - DOI: <https://doi.org/10.23637/ERADOC-1-173>

CARROTS

Residual effects of Krilium - Rothamsted, Fosters and Barnfield;
Woburn, Stackyard and Warren Field.

System of replication: 4 x 4 Latin Square.

Area of each plot: 0.00207 acre. Area harvested: 0.00138 acre.

Treatments, applied 1952:

Krilium per acre: None; 3 cwt broadcast and twice rotary cultivated
in; 6 cwt broadcast and twice rotary cultivated in;
3 cwt broadcast and raked into seed bed.

Basal dressing: 5 cwt compound fertilizer (7% N, 7% P₂O₅, 10.5% K₂O).

Cultivations, etc.:

Fosters: Ploughed: Mar 13. Roto tilled: Mar 13. Basal dressing
applied, seed drilled: Apr 22. Lifted: Sept 24 and Oct 23.

Barnfield: Ploughed: Jan 28. Basal dressing applied, seed
drilled: Apr 21. Lifted: Oct 20 and 26.

Stackyard: Hand dug: Jan 23. Seed sown: May 5. Basal dressing
applied: May 14. Lifted: Sept 22.

Warren Field: Hand dug: Jan 27. Seed sown: May 6. Basal
dressing applied: May 15. Singled: June 26. Lifted: Oct 5.

All fields, Variety: James' Scarlet Intermediate. Previous crop:
Clover, Carrots, Ryegrass and Red Beet in strips on all plots.

Standard errors per plot. Roots tons per acre:

Fosters:	0.995	tons per acre	or	4.5%	(6 d.f.)
Barnfield:	1.41	"	"	"	11.1% (6 d.f.)
Stackyard:	1.46	"	"	"	17.2% (6 d.f.)
Warren Field:	0.573	"	"	"	7.7% (6 d.f.)