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Yields of the Field Experiments 1962



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62/R/DF/1 Kale - Control of Weeds

Rothamsted Research

Rothamsted Research (1963) 62/R/DF/1 Kale - Control of Weeds; Yields Of The Field Experiments 1962, pp 142 - 142 - DOI: https://doi.org/10.23637/ERADOC-1-164

62/Df/1

KATE

Control of weeds by residual herbicides - West Barnfield I 1962.

Design: 2 randomised blocks of 7 plots each, plots being split for 0 v mechanical cultivations.

Area of each sub plot: 0.0106 acres.

Treatments. All combinations of:-

Whole plots: Residual herbicides as follows:

Herbicide Rates (in lb active material in 40 gallons pe

 Herbicide
 Rates (in 1b active material in 40 gallons per acre)

 None
 Nil
 (0)

 Dinoseb
 3; 6
 (D1; D2)

 Paraquat
 \frac{1}{2}; \frac{3}{4}
 (Pa1; Pa2)

 Prometryne
 1\frac{3}{4}; 2\frac{1}{2}
 (Pr1; Pr2)

Sub plots: None; mechanical cultivations (M)

Basal dressings per acre: $5\frac{3}{4}$ tons dung, 10 cwt compound fertiliser (10% N, 10% P₂0₅, 18% K₂0), $2\frac{1}{2}$ cwt 'Nitro-Chalk'.

Cultivations, etc.: Dung applied: Dec 18, 1961. Ploughed: Dec 21.

Rotary cultivated: Apr 24, 1962. Basal compound fertiliser applied: Apr 27. Seed drilled at 3 lb per acre: May 23.

Residual herbicides applied: May 30. Appropriate sub plots steerage hoed: June 23. Basal 'Nitro-Chalk' applied: July 11.

'M' sub plots steerage hoed: July 12. Variety: Thousand Head.

Previous crops: Barley 1960 and 1961.

Note 1: Except on one plot of treatment D2 on which no kale had survived.

Note 2: No yields were taken, as the crop was destroyed by the severe frost and by birds.