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Yields of the Field Experiments 1960

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60/R/CH/1 Kale - Control of Weeds (Thiotriazine)

Rothamsted Research

Rothamsted Research (1961) *60/R/CH/1 Kale - Control of Weeds (Thiotriazine)* ; Yields Of The Field Experiments 1960, pp 128 - 128 - DOI: <https://doi.org/10.23637/ERADOC-1-180>

60/Ch/1

KALE

The control of weeds by thiotriazine sprays - Dell Piece 1960.

Design: 2 randomised blocks of 6 plots each.

Area of each plot: 0.0084 acres. Area harvested: 0.0042 acres.

Treatments: Thiotriazine sprays:-

Sprayed on May 25, 1960:

3 oz active ingredient in 40 gallons per acre (3 plots per block) (E1);

6 oz active ingredient in 40 gallons per acre (2 plots per block) (E2).

Sprayed on June 13, 1960:

3 oz active ingredient in 40 gallons per acre (1 plot per block) (L1).

Basal dressing: 9 cwt compound fertiliser (16% N, 9% P₂O₅, 9% K₂O) per acre.

Cultivations, etc.: Ploughed: Nov 30 - Dec 12, 1959. Basal fertiliser applied: Apr 8, 1960. Seed drilled at 3 lb per acre: Apr 11. 2 rows per plot cut and weighed: Dec 6. Variety: Thousand Head. Previous crop: Spring wheat.

Standard error per plot.

Fresh weight: 2.415 tons per acre or 13.6% (8 d.f.)

Summary of Results

Fresh weight: tons per acre

Spray			Mean
E1	E2	L1	
19.04 (±0.986)	18.08 (±1.207)	13.26 (±1.707)	17.76

Note: Unsprayed strips within the experimental area gave a mean yield of 8.51 tons per acre.