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## Yields of the Field Experiments 1948

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### 48/DA/2 Hay - Lady Manners School : Effects of Fertilizers

#### Rothamsted Research

Rothamsted Research (1949) *48/DA/2 Hay - Lady Manners School : Effects of Fertilizers ; Yields Of The Field Experiments 1948*, pp 97 - 97

48/Da/2

MEADOW HAY

18th Season

Effects of nitrate of soda, superphosphate and muriate of potash

Lady Manners School, Bakewell 1948

System of replication: 3 randomized blocks of 8 plots each.

Area of each plot: 0.00723 acre

Treatments: 2 x 2 x 2 factorial design

Nitrate of soda: None, 2 cwt per acre

Superphosphate: None, 3 cwt per acre

Muriate of Potash: None, 1 cwt per acre

Basal Manuring: None

Soil: Limestone.

Artificials applied: Mar 22. Harvested: June 30

Standard error per plot:  $\pm 7.08$  cwt per acre of 21.2% (14 d.f.)

Hay: cwt per acre

Mean yield 33.3

Responses to treatments ( $\pm 4.09$  Means  $\pm 2.89$ )

	Mean	Nitrate of soda		Superphosphate		Muriate of potash	
		Absent	Present	Absent	Present	Absent	Present
Nitrate of Soda	7.2	-	-	7.4	7.0	2.5	11.9
Super-phosphate	3.7	3.9	3.5			-1.2	8.6
Muriate of potash	9.1	4.4	13.8	4.2	14.0	-	-