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## Annual Report for 1914 With the Supplements to the Guide to the Experimental Plots Containing the Yields per Acre, Etc.



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### **Various Trials : Sulphate of Manganese As a Manure (Mangolds); Little Hoos Field Green Manured Plots Barley 1914 ; Barley Hoos Field Leguminous Plots 1914**

#### **Rothamsted Research**

Rothamsted Research (1915) *Various Trials : Sulphate of Manganese As a Manure (Mangolds); Little Hoos Field Green Manured Plots Barley 1914 ; Barley Hoos Field Leguminous Plots 1914 ; Annual Report For 1914 With The Supplements To The Guide To The Experimental Plots Containing The Yields Per Acre, Etc.*, pp 42 - 42 - DOI: <https://doi.org/10.23637/ERADOC-1-107>

## VARIOUS TRIALS.

### SULPHATE OF MANGANESE AS A MANURE.

#### Mangolds. Great Harpenden Field, 1914.

Plot.	Manuring.	Without	With
		Sulphate of Manganese.	35 lb. Sulphate of Manganese per Acre.
		Tons.	Tons.
1	12 tons Dung, 3 cwt. Superphosphate, $\frac{3}{4}$ cwt. Muriate Potash and $\frac{1}{2}$ cwt. Salt ... ..	18.1	16.6
2	As No. 1 and 175 lb. Nitrolim ... ..	18.8	17.2
3	As No. 1 and 220 lb. Nitrate of Lime ... ..	21.8	20.4
4	As No. 1 and 80 lb. Nitrate of Ammonia ... ..	19.4	18.4*

The Nitrolim, Nitrate of Lime and Nitrate of Ammonia each contained 27 lb. Nitrogen.

\* In this case 25 lb. of Sulphate of Manganese was applied per acre.

#### Little Hoos Field Green Manured Plots. Barley, 1914.

Previous Crops: Green Manuring, 1904-6, 1908 and 1909, 1911, 1913;  
Wheat, 1907, 1910, 1912.

Green Crop	Dressed Grain.		Straw per Acre.	Total Produce per Acre.
	Yield per Acre.	Weight per Bushel.		
	Bushels.	lb.	cwt.	lb.
Rape ... ..	18.9	53.1	15.4	3001
Crimson Clover ... ..	15.0	51.4	14.0	2625
Vetches ... ..	21.5	52.1	18.9	3555
Mustard ... ..	18.8	53.0	15.1	2981

#### Barley. Hoos Field Leguminous Plots, 1914.

	Dressed Grain.		Straw per Acre.	Total Produce per Acre.
	Yield per Acre.	Weight per Bushel.		
	Bushels.	lb.	cwt.	lb.
After Lucerne ... ..	33.0	53.5	17.6	3853
„ Red Clover ... ..	20.3	53.3	10.6	2347
„ Alsike Clover ... ..	21.9	53.9	11.3	2522