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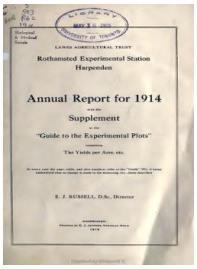
Annual Report for 1914 With the Supplements to the Guide to the Experimental Plots Containing the Yields per Acre, Etc.



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VARIOUS TRIALS.

SULPHATE OF MANGANESE AS A MANURE.

Mangolds. Great Harpenden Field, 1914.

Plot.	Manuring.	Without Sulphate of Manganese.	With 35 lb. Sulphate of Manganese per Acre.
		Tons.	Tons.
1	12 tons Dung, 3 cwt. Superphosphate, ¾ cwt. Muriate Potash and ½ 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

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