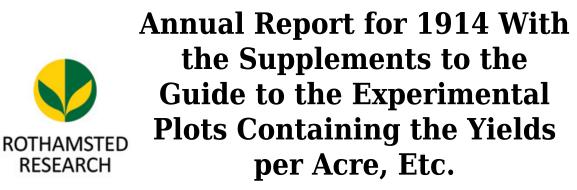
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VARIOUS TRIALS.

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.	
1	12 terr Durg 2 ant Superphotophoto 3 ant	Tons.	Tons.	
I	12 tons Dung, 3 cwt. Superphosphate, ‡ 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.

	Dresse	Dressed Grain.		Total
Green Crop	Yield per Acre.	Weight per Bushel.	Straw per Acre.	Produce per Acre.
Rape	Bushels. 18'9	lb. 53 [•] 1	cwt. 15 [°] 4	1b. 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	Total
			Yield per Acre.	Weight per Bushel.	per Acre.	Produce per Acre.
		 	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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