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Yields of the Field Experiments 1951



Full Table of Content

51/CA/5 Wheat - Late Application of Nitrogen - Rothamsted

Rothamsted Research

Rothamsted Research (1952) 51/CA/5 Wheat - Late Application of Nitrogen - Rothamsted; Yields Of The Field Experiments 1951, pp 68 - 68 - DOI: https://doi.org/10.23637/ERADOC-1-171

51/Ca/5

WHEAT

Late application of nitrogen - West Barnfield II, 1951.

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

Area of each plot: 0.0136 acre.

Treatments:

Nitrochalk: None; 11/2; 3 cwt per acre applied as a late top dressing,

Basal manuring: \(\frac{3}{4}\) cwt superphosphate per acre, drilled with seed, \(\frac{2\frac{1}}{2}\) cwt sulphate of ammonia per acre as a spring dressing.

Cultivations, etc.: Ploughed: Oct 5. Seed drilled at 3 bushels per acre, with superphosphate: Oct 24. Sulphate of ammonia drilled: Mar 25. Nitrochalk applied: July 5. Harvested: Aug 27. Variety: Nord Desprez. Previous crop: Spring Beans.

Standard errors per plot:

Grain: 1.58 cwt per acre or 4.3% (14 d.f.) Straw: 2.00 cwt per acre or 4.7% (14 d.f.)

Summary of Results

	Carried	op dressi	ng	
	None	1 1 2	3	Mear
	Yield: cwt	per acre		
Grain (±0.56)	36.7	35.9	36.4	36.3
Straw (±0.71)	42.8	44.0	42.0	42.9
Cru	de protein:	cwt per	acre	
Grain Increase	3.53	3.51	3.62	
Straw Increase	1.28	-0.02 1.44 0.16		
Percenta Grain	ge uptake o	f added N	Sitrogen 3	
Straw		12	3	