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Results of the Classical and Other Long-term Experiments 2022



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22/R/WF/3 - Wheat and Fallow (Hoosfield)

Rothamsted Research

Rothamsted Research (2024) 22/R/WF/3 - *Wheat and Fallow (Hoosfield)* ; Results Of The Classical And Other Long-Term Experiments 2022, pp 17 - 17

22/R/WF/3 WHEAT AND FALLOW (Hoosfield)

Object: To maintain a low plant available P site – Hoosfield.

Whole plot dimensions: 9 m × 221 m

Treatments:

Two plots, one sown to winter wheat, one fallow; alternating in successive years. From 2016 this experiment was converted to continuous wheat on both plots, with no yields or samples taken at harvest. Nevertheless, the experiment is in its 166th year. For previous years see 'Details' 1967, 1973 and Yield Books for 74-21/R/WF/3.

Experimental Diary

Date		Application	Rate	Units
09/09/2021	a	Plough 20 cm using KV Five Furrow Plough, JD6145R Premium		
16/09/2021	s	Drilled using Accord Combination Drill No. 4, JD6830: KWS Zyatt	350	seeds/m ²
18/09/2021	p	Sprayed using Knight 24m Sprayer, NH T6030: Pontos (17811)	1	L/ha
18/09/2021	p	Sprayed using Knight 24m Sprayer, NH T6030: Firestarter (18422)	0.3	L/ha
18/09/2021	p	Sprayed using Knight 24m Sprayer, NH T6030: Velomax (A0831)	0.4	L/ha
11/10/2021	p	Sprayed using Knight 24m Sprayer, NH T6030: Hallmark with Zeon Technology (12629)	50	mL/ha
29/03/2022	p	Sprayed using Knight 24m Sprayer, NH T6030: Stefes CCC 720 (17731)	1	L/ha
29/03/2022	p	Sprayed using Knight 24m Sprayer, NH T6030: Moddus (15151)	0.1	L/ha
29/03/2022	p	Sprayed using Knight 24m Sprayer, NH T6030: Clayton Prius (18946)	1	L/ha
25/04/2022	p	Sprayed using Knight 24m Sprayer, NH T6030: Bugle (17821)	0.8	L/ha
25/04/2022	p	Sprayed using Knight 24m Sprayer, NH T6030: Cello (18290)	0.7	L/ha
27/04/2022	f	Applied Nitram (34.5%) using Cascade Spreader, JD6830	145	kg/ha
07/06/2022	p	Sprayed using Knight 24m Sprayer, NH T6030: Cello (18290)	0.8	L/ha
26/07/2022	a	Harvest using Claas Tucano 430 (Combine)		
31/08/2022	p	Sprayed using Knight 24m Sprayer, NH T6030: Samurai (16238)	3	L/ha
31/08/2022	p	Sprayed using Knight 24m Sprayer, NH T6030: Buffalo Elite	1	L/ha