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Yields of the Field Experiments 1986

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86/R/CS/140 Chemical Reference Plots -s. Barley

Rothamsted Research

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86/R/CS/140

Basal applications: Manures: 'Nitro-Chalk' at 440 kg. Weedkillers: Bentazone at 0.77 kg, dichlorprop at 1.0 kg and MCPA at 0.62 kg in 220 l.

Seed: Klaxon, seed not dressed, sown at 160 kg.

Cultivations, etc.: - Ploughed: 30 Oct, 1985. N applied: 28 Apr, 1986. Spring-tine cultivated, seedbed treatments applied, rotary harrowed, seed sown: 29 Apr. Weedkillers applied: 12 June. Combine harvested: 29 Aug.

GRAIN TONNES/HECTARE

***** TABLES OF MEANS *****

FUNGCIDE(1)	NONE	TRIADIM	MEAN
WEEDKLLR			
NONE	5.91	6.06	5.98
GLYPHOS	6.02	5.89	5.95
MEAN	5.96	5.97	5.97
FUNGCIDE(2)	NONE	BENOMYL	MEAN
WEEDKLLR			
NONE	6.08	5.88	5.98
GLYPHOS	5.87	6.04	5.95
MEAN	5.98	5.96	5.97
FUNGCIDE(2)	NONE	BENOMYL	MEAN
FUNGCIDE(1)			
NONE	6.02	5.90	5.96
TRIADIM	5.93	6.02	5.97
MEAN	5.98	5.96	5.97
INSCTCDE	NONE	CHLORFEN	MEAN
WEEDKLLR			
NONE	6.08	5.88	5.98
GLYPHOS	6.08	5.82	5.95
MEAN	6.08	5.85	5.97
INSCTCDE	NONE	CHLORFEN	MEAN
FUNGCIDE(1)			
NONE	5.99	5.93	5.96
TRIADIM	6.17	5.77	5.97
MEAN	6.08	5.85	5.97
INSCTCDE	NONE	CHLORFEN	MEAN
FUNGCIDE(2)			
NONE	6.05	5.90	5.98
BENOMYL	6.11	5.81	5.96
MEAN	6.08	5.85	5.97

86/R/CS/140

GRAIN TONNES/HECTARE

***** TABLES OF MEANS *****

NEMACIDE	NONE	ALDICARB	MEAN	
WEEDKLLR				
NONE	5.97	5.99	5.98	
GLYPHOS	5.91	5.99	5.95	
MEAN	5.94	5.99	5.97	
NEMACIDE	NONE	ALDICARB	MEAN	
FUNGCIDE (1)				
NONE	5.96	5.97	5.96	
TRIADIM	5.92	6.02	5.97	
MEAN	5.94	5.99	5.97	
NEMACIDE	NONE	ALDICARB	MEAN	
FUNGCIDE (2)				
NONE	5.87	6.08	5.98	
BENOMYL	6.01	5.91	5.96	
MEAN	5.94	5.99	5.97	
NEMACIDE	NONE	ALDICARB	MEAN	
INSCTCDE				
NONE	6.13	6.03	6.08	
CHLORFEN	5.75	5.96	5.85	
MEAN	5.94	5.99	5.97	
FUNGCIDE (1)	NONE		TRIADIM	
FUNGCIDE (2)	NONE	BENOMYL	NONE	BENOMYL
WEEDKLLR				
NONE	5.97	5.85	6.20	5.92
GLYPHOS	6.08	5.96	5.66	6.12
FUNGCIDE (1)	NONE		TRIADIM	
INSCTCDE	NONE	CHLORFEN	NONE	CHLORFEN
WEEDKLLR				
NONE	5.96	5.85	6.21	5.91
GLYPHOS	6.02	6.01	6.14	5.63
FUNGCIDE (2)	NONE		BENOMYL	
INSCTCDE	NONE	CHLORFEN	NONE	CHLORFEN
WEEDKLLR				
NONE	5.94	6.22	6.23	5.54
GLYPHOS	6.16	5.57	6.00	6.07
FUNGCIDE (2)	NONE		BENOMYL	
INSCTCDE	NONE	CHLORFEN	NONE	CHLORFEN
FUNGCIDE (1)				
NONE	6.10	5.94	5.88	5.92
TRIADIM	6.00	5.85	6.34	5.69

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GRAIN TONNES/HECTARE

***** TABLES OF MEANS *****

FUNGCIDE(1)	NONE	ALDICARB	TRIADIM	NONE	ALDICARB
NEMACIDE	NONE	ALDICARB	NONE	ALDICARB	
WEEDKLLR					
NONE	5.92	5.90	6.03	6.09	
GLYPHOS	6.00	6.04	5.82	5.95	

FUNGCIDE(2)	NONE	ALDICARB	BENOMYL	NONE	ALDICARB
NEMACIDE	NONE	ALDICARB	NONE	ALDICARB	
WEEDKLLR					
NONE	6.04	6.13	5.91	5.86	
GLYPHOS	5.71	6.02	6.11	5.97	

FUNGCIDE(2)	NONE	ALDICARB	BENOMYL	NONE	ALDICARB
NEMACIDE	NONE	ALDICARB	NONE	ALDICARB	
FUNGCIDE(1)					
NONE	6.00	6.05	5.92	5.89	
TRIADIM	5.75	6.11	6.09	5.94	

INSC TCDE	NONE	ALDICARB	CHLORFEN	NONE	ALDICARB
NEMACIDE	NONE	ALDICARB	NONE	ALDICARB	
WEEDKLLR					
NONE	6.23	5.94	5.71	6.05	
GLYPHOS	6.04	6.12	5.78	5.87	

INSC TCDE	NONE	ALDICARB	CHLORFEN	NONE	ALDICARB
NEMACIDE	NONE	ALDICARB	NONE	ALDICARB	
FUNGCIDE(1)					
NONE	6.16	5.83	5.76	6.10	
TRIADIM	6.11	6.23	5.73	5.81	

INSC TCDE	NONE	ALDICARB	CHLORFEN	NONE	ALDICARB
NEMACIDE	NONE	ALDICARB	NONE	ALDICARB	
FUNGCIDE(2)					
NONE	5.96	6.14	5.79	6.01	
BENOMYL	6.31	5.92	5.71	5.90	

***** STANDARD ERRORS OF DIFFERENCES OF MEANS *****

MARGINS OF TWO FACTOR TABLES	0.088
TWO FACTOR TABLES	0.124
THREE FACTOR TABLES	0.176

***** STRATUM STANDARD ERRORS AND COEFFICIENTS OF VARIATION *****

STRATUM	DF	SE	CV%
WP	6	0.249	4.2

GRAIN MEAN DM% 81.4

PLOT AREA HARVESTED 0.00075