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Yields of the Field Experiments 1898





Different Descriptions of Wheat; Various Fields

Rothamsted Research

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				(110).											
	the strength of the	1	RESULTS OF EXPERIMENTS WITH D			SORIPTIONS OF									
		1871;	1872 ;	1873;	1874;	1875;									
		0	Foster's Field;	Long Hoos	Upper	Little Knott-									
	DESCRIPTIONS OF WHEAT.	Sawpit Field; 3 cwts. Guano;	2 cwts. Super- phosphate,	Field;	Harpenden	Wood Field;									
	DESCRIPTIONS OF WHEAT.	after	2 cwts. Nitrate	1 cwt. Nitrate; after	Field ; 2 cwts. Nitrate ;	1½ cwt. Nitrate Soda;									
		Mangels,	Soda ;	Mangels	after Mangels	after Mangels									
		carted off.	after Roots,	(with Dung),	(with Dung),	(with Dung),									
		+C	carted off.	carted off.	carted off.	1874, carted off.									
1		DRI	DRESSED CORN												
	White-chaff (Red)		1	403	55 <u>i</u>	401									
	Rivett's (Red)			48 ¹	67	488									
	Chubb Wheat (Red)	283	40	$35\frac{3}{4}$	$50\frac{1}{2}$ =	381									
	Red-chaff (White)	324	.37	$35\frac{1}{4}$	$48\frac{3}{4}$	$34\frac{1}{4}$									
	Browick (Red)	351	401	$38\frac{1}{2}$	51 ¹ / ₈	38 <u>1</u>									
	Red Wonder	311	434	37^{1}_{8}	55 ¹ 8	33 <u>‡</u>									
7.	Burwell (Old Red Lammas)	31	41 <u>1</u>	35	$47\frac{1}{4}$	381									
	Bristol Red	= 29 ³ / ₈	44_{g}^{3}	3 9 ½	53 ³	313									
	Red Nursery	$34\frac{1}{8}$	454	$27\frac{1}{8}$	$41\frac{1}{8}$	39 [°]									
	Red Langham	303	$43\frac{3}{4}$	3 4	53	347									
	Woolly Ear (White)	314	$42\frac{3}{4}$	37	511	36									
	Hardcastle (White)		40½	42	495	337									
	Golden Drop (Red), Hallett's	391	$49\frac{3}{4}$	441	$51\frac{3}{4}$	381									
14.	Victoria White, Hallett's	334	$45\frac{1}{4}$	$38\frac{1}{4}$	444	333									
	Hunter's White, Hallett's	267	$39\frac{3}{4}$	383	45 ³	263									
16,	Original Red, Hallett's	30	$35\frac{1}{4}$	363	433	26									
17.	White Chiddam	267	$38\frac{3}{4}$	313	42	323									
18.	Red Rostock	37	2	461	533	373									
	Casey's White	297	42¦	371	52	39									
	Golden Rough-chaff (Red)	33	391	381	52	382									
	Bole's Prolific (Red)	333	$42\frac{3}{4}$	45 <u>1</u>	48^{1}_{8}	433									
	Club Wheat (Red)	36	45%	471	59§	46 ⁵ ₄									
23.	Main's Standing White		4	1.2	008	100									
24	Main's Rough-chaff (White)	223 223	15.7 17.90												
25	Delain (White)				A. 44										
	Webb's Challenge (White)														
	Means	321	421	387	503	361									
				8	-	EIGHT PER									
1, 1	White chaff (Red)			58½	615	61									
	Rivett's (Red)	· · ·		57 ¹ ₈	581	58 <u>1</u>									
	Chubb Wheat (Red)	601	617	59 ¹ / ₈	61	59 <u>1</u>									
	Red-chaff (White)	615	$62\frac{3}{4}$	603		601									
	Browick (Red)	60	613	591	$61\frac{1}{4}$	597									
	Red Wonder	59	607	60	$62\frac{1}{4}$	60 ³ / ₄									
	Burwell (Old Red Lammas)	62	63	611	$63\frac{1}{2}$	$61\frac{1}{2}$									
	Bristol Red	607	$61\frac{1}{2}$	601	615	60 ¹ / ₂									
		8	2	002	010										
8.]	Red Nurserv	63	65	62	0	621									
8. 1 9. 1	Red Nursery Red Langham		$65 \\ 61\frac{1}{4}$	62 601	651	$62\frac{1}{4}$ 60^{3}									
8.] 9.] 0.]	Red Langham	60 <u>3</u>	$61\frac{1}{4}$	60 <u>1</u>	$\begin{array}{c} 65\frac{1}{4} \\ 63 \end{array}$	60 ³									
8. 1 9. 1 0. 1 1. 1	Red Langham Woolly Ear (White)	$\begin{array}{c} 60rac{3}{8} \\ 61rac{1}{8} \end{array}$	$61rac{1}{4}$ $62rac{1}{9}$	$\begin{array}{c} 60\frac{1}{2} \\ 61\frac{1}{8} \end{array}$	$\begin{array}{c} 65 \\ 63 \\ 62 \\ \frac{8}{4} \end{array}$	$60\frac{3}{8}$ $57\frac{3}{4}$									
8. 1 9. 1 0. 1 1. 7 2. 1	Red Langham Woolly Ear (White) Hardcastle (White)	$\begin{array}{c} 60\frac{3}{8} \\ 61\frac{1}{8} \\ \cdots \\ \end{array}$	61¼ 62¦ 617	$\begin{array}{c} 60rac{1}{2} \\ 61rac{1}{8} \\ 59rac{3}{4} \end{array}$	654 63 62 4 63	60 ³ 57 4 597									
8.] 9.] 0.] 1. \ 2.] 3. (Red Langham	60 ³ 61 <u>1</u> 	$\begin{array}{c} 61\frac{1}{4} \\ 62\frac{1}{8} \\ 61\frac{7}{8} \\ 63 \end{array}$	$\begin{array}{c} 60rac{1}{2} \\ 61rac{1}{8} \\ 59rac{2}{4} \\ 59rac{2}{4} \end{array}$	651 63 624 63 63 63	60 ³ 57 월 59길 61월									
8.] 9.] 0.] 1. \ 2.] 3. (4. \	Red Langham	603 611 613 61	$\begin{array}{c} 61\frac{1}{4} \\ 62\frac{1}{8} \\ 61\frac{7}{4} \\ 63 \\ 62\frac{5}{8} \end{array}$	60½ 61½ 59¾ 59¾ 59¾	$ \begin{array}{c} 65_{4} \\ 63 \\ 62_{4} \\ 63 \\ 63 \\ 63 \\ 62_{4} \\ \end{array} $	603 574 597 611 613									
8.] 9.] 0.] 1. \ 2.] 3. (4. \ 5.]	Red Langham	603 611 613 61 594	$\begin{array}{c} 61\frac{1}{4} \\ 62\frac{1}{9} \\ 61\frac{7}{4} \\ 63 \\ 62\frac{5}{9} \\ 61\frac{5}{4} \end{array}$	60½ 61½ 59¾ 59¾ 59¾ 59¾ 59¾	$65\frac{1}{4}$ 63 $62\frac{3}{4}$ 63 $62\frac{1}{4}$ $61\frac{1}{8}$	$\begin{array}{c} 60_{3}^{\circ}\\ 57_{4}^{\circ}\\ 59_{4}^{\circ}\\ 61_{4}^{\circ}\\ 61_{4}^{\circ}\\ 61_{2}^{\circ}\\ 60_{2}^{\circ}\end{array}$									
8. 1 9. 1 0. 1 1. 7 2. 1 3. 0 4. 7 5. 1 6. 0	Red Langham Woolly Ear (White) Hardcastle (White) Golden Drop (Red), Hallett's Victoria White, Hallett's Hunter's White, Hallett's Original Red, Hallett's	603 611 613 61 591 588	$\begin{array}{c} 61\frac{1}{4} \\ 62\frac{1}{6} \\ 61\frac{7}{6} \\ 63 \\ 62\frac{5}{8} \\ 61\frac{3}{4} \\ 60 \end{array}$	60년 61년 59월 59월 59월 59월 57월 57월	$\begin{array}{c} 65\frac{1}{4} \\ 63 \\ 62\frac{3}{4} \\ 63 \\ 63 \\ 62\frac{1}{4} \\ 61\frac{1}{9} \\ 60\frac{3}{4} \end{array}$	60 57 59 61 61 61 60 58 8									
8. 1 9. 1 0. 1 1. 7 2. 1 3. (4. 7 5. 1 6. (7. 7	Red Langham Woolly Ear (White) Hardcastle (White) Golden Drop (Red), Hallett's Victoria White, Hallett's Hunter's White, Hallett's Original Red, Hallett's White Chiddam	603 611 613 61 591 585 621	$\begin{array}{c} 61\frac{1}{4} \\ 62\frac{1}{9} \\ 61\frac{7}{4} \\ 63 \\ 62\frac{5}{9} \\ 61\frac{5}{4} \end{array}$	60½ 61½ 59¾ 59¾ 59¾ 59¼ 57¼ 56½ 59¼	$\begin{array}{c} 65 \\ \hline 63 \\ 62 \\ \hline 63 \\ 63 \\ 63 \\ 62 \\ \hline 4 \\ 61 \\ \hline 5 \\ 60 \\ \hline 4 \\ 60 \\ \hline 4 \\ 62 \\ \hline 4 \\ 62 \\ \hline 4 \\ \hline 4 \\ 61 \\ \hline 5 \\ 61 \\ \hline 6$	$\begin{array}{c} 60\frac{3}{2} \\ 57\frac{3}{4} \\ 59\overline{l} \\ 61\frac{1}{4} \\ 61\frac{3}{4} \\ 60\frac{1}{2} \\ 58\frac{1}{4} \\ 61\frac{3}{4} \\ 61\frac{3}{4} \end{array}$									
8.] 9.] 0.] 1. ` 2.] 3. (4. ` 5.] 6. (7. ` 8.]	Red Langham Woolly Ear (White) Hardcastle (White) Golden Drop (Red), Hallett's Victoria White, Hallett's Hunter's White, Hallett's Original Red, Hallett's White Chiddam Red Rostock	$\begin{array}{c} 60 \frac{3}{8} \\ 61 \frac{1}{8} \\ \\ \\ 61 \frac{3}{8} \\ 61 \\ 59 \frac{1}{4} \\ 58 \frac{3}{8} \\ 62 \frac{1}{4} \\ 60 \frac{1}{8} \end{array}$	$ \begin{array}{c} 61\frac{1}{4} \\ 62\frac{1}{9} \\ 61\frac{7}{4} \\ 63 \\ 62\frac{5}{9} \\ 61\frac{3}{4} \\ 60 \\ 63 \\ \cdots \\ \end{array} $	60½ 61½ 593 593 593 594 574 56½ 594 594 563 594	$\begin{array}{c} 65\frac{7}{4} \\ 63 \\ 62\frac{8}{4} \\ 63 \\ 63 \\ 62\frac{1}{4} \\ 61\frac{1}{9} \\ 60\frac{3}{4} \\ 62\frac{3}{4} \\ 59\frac{7}{8} \end{array}$	$\begin{array}{c} 60\frac{2}{3} \\ 57\frac{2}{3} \\ 59\overline{\zeta} \\ 61\frac{1}{3} \\ 61\frac{2}{3} \\ 60\frac{1}{2} \\ 58\frac{1}{3} \\ 61\frac{2}{3} \\ 61\frac{2}{3} \\ 59\frac{2}{3} \end{array}$									
8. 1 9. 1 0. 1 1. 7 2. 1 3. (4. 7 5. 1 6. (7. 7 8. 1 9. (Red Langham	$\begin{array}{c} 60 \frac{3}{8} \\ 61 \frac{1}{8} \\ & \ddots \\ 61 \frac{3}{8} \\ 61 \\ 59 \frac{1}{4} \\ 58 \frac{5}{8} \\ 62 \frac{1}{4} \\ 60 \frac{1}{8} \\ 60 \frac{3}{8} \end{array}$	$ \begin{array}{c} 61\frac{1}{4} \\ 62\frac{1}{9} \\ 61\frac{7}{9} \\ 63 \\ 62\frac{5}{9} \\ 61\frac{3}{4} \\ 60 \\ 63 \\ \\ 61\frac{1}{2} \end{array} $	60½ 61½ 593% 593% 593% 574 56½ 594 56% 594 56% 58%	$\begin{array}{c} 65\frac{5}{4} \\ 63 \\ 62\frac{8}{4} \\ 63 \\ 62\frac{1}{4} \\ 61\frac{1}{9} \\ 60\frac{2}{4} \\ 62\frac{2}{4} \\ 62\frac{2}{4} \\ 62\frac{2}{4} \\ 62\frac{2}{4} \\ 60\frac{2}{4} \\ 60\frac{2}{4} \\ \end{array}$	$\begin{array}{c} 60_{8}^{2} \\ 57\frac{2}{4} \\ 59\overline{4} \\ 61_{8}^{1} \\ 61_{8}^{1} \\ 60_{2}^{1} \\ 58_{8}^{1} \\ 61_{4}^{2} \\ 59\frac{2}{4} \\ 60 \end{array}$									
8. 1 9. 1 0. 1 1. 7 2. 1 3. (4. 7 5. 1 6. (7. 7 8. 1 9. (0. (Red Langham	$\begin{array}{c} 60 \frac{3}{8} \\ 61 \frac{1}{8} \\ & \ddots \\ 61 \frac{3}{8} \\ 61 \\ 59 \frac{1}{4} \\ 58 \frac{5}{8} \\ 62 \frac{1}{4} \\ 60 \frac{1}{8} \\ 60 \frac{3}{8} \\ 61 \frac{5}{8} \end{array}$	$\begin{array}{c} 61\frac{1}{4} \\ 62\frac{1}{9} \\ 61\frac{7}{9} \\ 63 \\ 62\frac{5}{9} \\ 61\frac{3}{4} \\ 60 \\ 63 \\ \cdots \\ 61\frac{1}{2} \\ 62\frac{1}{2} \end{array}$	601 611 593 593 593 593 574 561 594 562 563 563 563 563 563 563 563 563 563 563	$\begin{array}{c} 65\frac{1}{4} \\ 63 \\ 62\frac{3}{4} \\ 63 \\ 62\frac{1}{4} \\ 61\frac{1}{9} \\ 60\frac{3}{4} \\ 62\frac{3}{4} \\ 59\frac{2}{4} \\ 59\frac{2}{4} \\ 60\frac{3}{4} \\ 62\frac{3}{2} \\ 60\frac{3}{4} \\ 62\frac{1}{2} \end{array}$	$\begin{array}{c} 60_{3}^{\circ}\\ 57\frac{3}{4}\\ 597\\ 61\frac{1}{4}\\ 61\frac{2}{4}\\ 60\frac{1}{2}\\ 58\frac{1}{4}\\ 61\frac{2}{4}\\ 59\frac{2}{4}\\ 61\frac{2}{4}\\ 59\frac{2}{4}\\ 60\\ 61\frac{3}{4}\\ \end{array}$									
8.] 9.] 0.] 1. 2.] 3. (4. 5.] 5.] 6. (7. 8.] 9. (0. (1.]	Red Langham	$\begin{array}{c} 60_8^3\\ 61_8^1\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ $	$\begin{array}{c} 61\frac{1}{4} \\ 62\frac{1}{9} \\ 61\frac{7}{9} \\ 63 \\ 62\frac{5}{9} \\ 61\frac{3}{4} \\ 60 \\ 63 \\ \cdots \\ 61\frac{1}{2} \\ 62\frac{1}{2} \\ 62\frac{1}{8} \end{array}$	$\begin{array}{c} 60\frac{1}{2} \\ 61\frac{1}{6} \\ 59\frac{2}{5} \\ 59\frac{2}{5} \\ 59\frac{2}{5} \\ 57\frac{1}{5} \\ 59\frac{1}{5} \\ 56\frac{1}{5} \\ 56\frac{1}{5} \\ 58\frac{2}{5} \\ 58\frac{2}{5} \\ 59\frac{2}{5} \\ 59\frac{2}{5} \\ 57\frac{1}{2} \end{array}$	$\begin{array}{c} 65\frac{1}{4} \\ 63 \\ 62\frac{3}{4} \\ 63 \\ 63 \\ 62\frac{1}{4} \\ 61\frac{1}{9} \\ 60\frac{3}{4} \\ 60\frac{3}{4} \\ 59\frac{1}{1} \\ 60\frac{3}{4} \\ 62\frac{1}{2} \\ 62\frac{1}{2} \\ 62 \end{array}$	$\begin{array}{c} 60_{8}^{2} \\ 57\frac{2}{4} \\ 59\overline{4} \\ 61_{8}^{1} \\ 61_{8}^{1} \\ 60_{2}^{1} \\ 58_{8}^{1} \\ 61_{4}^{2} \\ 59\frac{2}{4} \\ 60 \end{array}$									
8.] 9.] 0.] 1. 2.] 3. (4. 5.] 6. (7. 8.] 9. (6. (7. 9. (1.] 2.] 1. 2.] 1. 2.] 3. (4. 7. 1.] 2.] 3. (4. 7.] 1.] 2.] 3. (9.] 2.] 3. (9.] 2.] 3. (9.] 3.] 3. (9.] 3.] 3. (9.] 3. (9.] 3.] 3.] 3.] 3.] 3.] 3.] 3.] 3	Red Langham	$\begin{array}{c} 60 \frac{3}{8} \\ 61 \frac{1}{8} \\ & \ddots \\ 61 \frac{3}{8} \\ 61 \\ 59 \frac{1}{4} \\ 58 \frac{5}{8} \\ 62 \frac{1}{4} \\ 60 \frac{1}{8} \\ 60 \frac{3}{8} \\ 61 \frac{5}{8} \end{array}$	$\begin{array}{c} 61\frac{1}{4} \\ 62\frac{1}{9} \\ 61\frac{7}{9} \\ 63 \\ 62\frac{5}{9} \\ 61\frac{3}{4} \\ 60 \\ 63 \\ \cdots \\ 61\frac{1}{2} \\ 62\frac{1}{2} \end{array}$	601 611 593 593 593 593 574 561 594 562 563 563 563 563 563 563 563 563 563 563	$\begin{array}{c} 65\frac{1}{4} \\ 63 \\ 62\frac{3}{4} \\ 63 \\ 62\frac{1}{4} \\ 61\frac{1}{9} \\ 60\frac{3}{4} \\ 62\frac{3}{4} \\ 59\frac{2}{4} \\ 59\frac{2}{4} \\ 60\frac{3}{4} \\ 62\frac{3}{2} \\ 60\frac{3}{4} \\ 62\frac{1}{2} \end{array}$	$\begin{array}{c} 60_{3}^{\circ}\\ 57\frac{3}{4}\\ 597\\ 61\frac{1}{4}\\ 61\frac{2}{4}\\ 60\frac{1}{2}\\ 58\frac{1}{4}\\ 61\frac{2}{4}\\ 59\frac{2}{4}\\ 61\frac{2}{4}\\ 59\frac{2}{4}\\ 60\\ 61\frac{3}{4}\\ \end{array}$									
8.] 9.] 1.] 2.] 3. (4.] 5.] 6. (7.] 8.] 9. (20. (21.] 22. (23.]	Red Langham	$\begin{array}{c} 60_8^3\\ 61_8^1\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ $	$\begin{array}{c} 61\frac{1}{4} \\ 62\frac{1}{9} \\ 61\frac{7}{9} \\ 63 \\ 62\frac{5}{9} \\ 61\frac{3}{4} \\ 60 \\ 63 \\ \cdots \\ 61\frac{1}{2} \\ 62\frac{1}{2} \\ 62\frac{1}{8} \end{array}$	$\begin{array}{c} 60\frac{1}{2} \\ 61\frac{1}{6} \\ 59\frac{2}{5} \\ 59\frac{2}{5} \\ 59\frac{2}{5} \\ 57\frac{1}{5} \\ 59\frac{1}{5} \\ 56\frac{1}{5} \\ 56\frac{1}{5} \\ 58\frac{2}{5} \\ 58\frac{2}{5} \\ 59\frac{2}{5} \\ 59\frac{2}{5} \\ 57\frac{1}{2} \end{array}$	$\begin{array}{c} 65\frac{1}{4} \\ 63 \\ 62\frac{3}{4} \\ 63 \\ 63 \\ 62\frac{1}{4} \\ 61\frac{1}{9} \\ 60\frac{3}{4} \\ 60\frac{3}{4} \\ 59\frac{1}{1} \\ 60\frac{3}{4} \\ 62\frac{1}{2} \\ 62\frac{1}{2} \\ 62 \end{array}$	$\begin{array}{c} 60_{3}^{\circ}\\ 57\frac{3}{4}\\ 597\\ 61\frac{1}{6}\\ 61\frac{2}{6}\\ 60\frac{1}{2}\\ 58\frac{1}{6}\\ 61\frac{2}{4}\\ 59\frac{2}{4}\\ 60\\ 61\frac{3}{4}\\ 60\frac{2}{6}\\ \end{array}$									
8.] 9.] 0.] 11. 7 12.] 13. (4. 7 15.] 16. (7. 7 18.] 9. (20. (21.] 22. (33.] 144.]	Red Langham	603 611 613 61 594 585 624 601 603 603 615 615 612 603	$\begin{array}{c} 61\frac{1}{4} \\ 62\frac{1}{9} \\ 61\frac{7}{9} \\ 63 \\ 62\frac{5}{9} \\ 61\frac{3}{4} \\ 60 \\ 63 \\ \cdots \\ 61\frac{1}{2} \\ 62\frac{1}{2} \\ 62\frac{1}{8} \end{array}$	$\begin{array}{c} 60\frac{1}{2} \\ 61\frac{1}{6} \\ 59\frac{2}{5} \\ 59\frac{2}{5} \\ 59\frac{2}{5} \\ 57\frac{1}{5} \\ 59\frac{1}{5} \\ 56\frac{1}{5} \\ 56\frac{1}{5} \\ 58\frac{2}{5} \\ 58\frac{2}{5} \\ 59\frac{2}{5} \\ 59\frac{2}{5} \\ 57\frac{1}{2} \end{array}$	$\begin{array}{c} 65\frac{1}{4} \\ 63 \\ 62\frac{3}{4} \\ 63 \\ 62\frac{1}{4} \\ 61\frac{1}{9} \\ 60\frac{3}{4} \\ 62\frac{2}{4} \\ 59\frac{7}{4} \\ 60\frac{3}{4} \\ 62\frac{1}{2} \\ 62\frac{1}{2} \\ 62\frac{1}{4} \\ 6$	$\begin{array}{c} 60_{3}^{\circ}\\ 57\frac{3}{4}\\ 597\\ 61\frac{1}{6}\\ 61\frac{2}{6}\\ 60\frac{1}{2}\\ 58\frac{1}{6}\\ 61\frac{2}{4}\\ 59\frac{2}{4}\\ 60\\ 61\frac{3}{4}\\ 60\frac{2}{6}\\ \end{array}$									
8.] 9.] 1.] 2.] 3. (4.] 5.] 6. (7.] 9. (6. (7.] 9. (0. (1.] 2.] 1.] 2.] 3. (4.] 5.] 1.] 2.] 3. (4.] 5.] 1.] 2.] 3. (7.] 2.] 3. (7.] 5.] 5.] 6. (7.] 7.] 9. (6.] 7.] 7.] 7.] 7.] 7.] 7.] 7.] 7	Red Langham	$\begin{array}{c} 60_8^3\\ 61_8^1\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ $	$\begin{array}{c} 61\frac{1}{4} \\ 62\frac{1}{9} \\ 61\frac{7}{9} \\ 63 \\ 62\frac{5}{9} \\ 61\frac{3}{4} \\ 60 \\ 63 \\ \cdots \\ 61\frac{1}{2} \\ 62\frac{1}{2} \\ 62\frac{1}{8} \end{array}$	601 611 593 593 593 574 563 594 563 594 563 594 563 594 594 594 594 594 594 594 594 594 594	$\begin{array}{c} 65\frac{1}{4} \\ 63 \\ 62\frac{3}{4} \\ 63 \\ 63 \\ 62\frac{1}{4} \\ 61\frac{1}{9} \\ 60\frac{3}{4} \\ 62\frac{3}{4} \\ 59\frac{1}{4} \\ 60\frac{3}{4} \\ 62\frac{1}{2} \\ 62\frac{1}{5} \\ 62\frac{1}{5$	$\begin{array}{c} 60_{3}^{\circ}\\ 57\frac{3}{4}\\ 597\\ 61\frac{1}{6}\\ 61\frac{2}{6}\\ 60\frac{1}{2}\\ 58\frac{1}{6}\\ 61\frac{2}{4}\\ 59\frac{2}{4}\\ 60\\ 61\frac{3}{4}\\ 60\frac{2}{6}\\ \end{array}$									
8.] 9.] 10.] 11.] 12.] 13. (4.] 13. (4.] 13. (4.] 13. (14.] 19. (20. (20. (21.] 22. (23.] 14.] 25.]	Red Langham	$\begin{array}{c} 60_8^3\\ 61_8^1\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ $	$\begin{array}{c} 61\frac{1}{4} \\ 62\frac{1}{3} \\ 61\frac{7}{3} \\ 63 \\ 62\frac{5}{3} \\ 61\frac{3}{4} \\ 60 \\ 63 \\ \cdots \\ 61\frac{1}{2} \\ 62\frac{1}{3} \\ 62\frac{1}{3} \\ 62\frac{1}{3} \\ 62\frac{1}{3} \\ 61\frac{7}{3} \\ \cdots \\ $	601 611 593 593 593 574 561 594 594 594 594 584 594 594 594 594 594 594 594 594 594 59	$\begin{array}{c} 65\frac{1}{4} \\ 63 \\ 62\frac{3}{4} \\ 63 \\ 63 \\ 62\frac{1}{4} \\ 61\frac{1}{9} \\ 60\frac{3}{4} \\ 62\frac{3}{4} \\ 59\frac{1}{5} \\ 60\frac{3}{4} \\ 62\frac{1}{2} \\ 62\frac{1}{5} \\ 62 \\ 61\frac{1}{5} \\ \\ \\ \\ \end{array}$	$\begin{array}{c} 60_{3}^{\circ}\\ 57\frac{3}{4}\\ 597\\ 61\frac{1}{6}\\ 61\frac{2}{6}\\ 60\frac{1}{2}\\ 58\frac{1}{6}\\ 61\frac{2}{4}\\ 60\frac{2}{6}\\ 61\frac{2}{4}\\ 60\\ 61\frac{3}{4}\\ 60\frac{2}{6}\\ 61\frac{3}{4}\\ \cdots\\ \cdots\\ \cdots\\ \cdots\\ \end{array}$									

(1) All the crops were more or less affected by wire-worm, large bare patches appearing on many plots; and much grain was immature and blighted.
(2) Owing doubtless in great part to the imperfect development of the grain from the crop of 1879, much of the wheat sown for the crop of 1880 did not great mark at all, and of that which did come up a great deal was afterwards destroyed by wire-worm, so that up to the end of March it was a question whether there would be a plant left in the field worth saving. With the thin wheat plant there was an extraordinary growth of weed, which the wet month of July much favoured and made it impossible to keep under. The white

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				(1)	(1)				
•	WHEAT, 1	2 YEARS, 18	71-1882, EAG	H YEAR IN	A DIFFERENT	FIELD.			
	1876; Harpenden Field; 2 cwts. Nitrate Soda; after Mangels (with Dung), 1875, carted off.	1877; Sawpit Field; 1 ⁴ / ₄ cwt. Nitrate Soda; after Mangels (with Dung), 1876, carted off.	1876; Foster's Field; 2 cwts. Nitrate, after White Turnips (with Dung and Artificial), 1877, part Fed, part carted off.	1879; (') Little Knott- Wood Field; 2 cwts. Nitrate; after Clover. First and second Crops, as Hay; afterwards Fed,	1880; (*) Harpenden Field; 50 bushels of Soot; after Clover unmanured. One Crop as Hay; after- wards Fed.	- 1881; Rickyard Field; 1⅓ cwt. Nitrate Soda; after Mangels (with Dong and Guano), 1880, carted off.	1882; (4) Foster's Field; 2 cwts. Nitrate Soda; after Fallow 1881.	(³) Averages, 8 Years, 1871 to 1878 inclusive.	Nos.
	PER ACRE.	Bushels.	part daried on.	I cd.	walds red.				
	$\begin{array}{c} 49 \\ 42 \\ 42 \\ 40 \\ 43 \\ 39 \\ 44 \\ 38 \\ 9 \\ 44 \\ 43 \\ 42 \\ 37 \\ 42 \\ 45 \\ 42 \\ 42 \\ 45 \\ 41 \\ 48 \\ 41 \\ 48 \\ 41 \\ 43 \\ 43 \\ 43 \\ 43 \\ 43 \\ 43 \\ 43$	$\begin{array}{c} 48_8^{\circ}\\ 49_8^{\circ}\\ 41_2^{\circ}\\ 41_3^{\circ}\\ 41_3^{\circ}\\ 39\\ 44_3^{\circ}\\ 40_3^{\circ}\\ 42_7^{\circ}\\ 37_2^{\circ}\\ 42_4^{\circ}\\ 42_4^{\circ}\\ 42_3^{\circ}\\ 42_3^{\circ}\\ 40\\ \end{array}$	$59 \\ 66!_{8} \\ 55!_{8} \\ \\ 49!_{2} \\ 52!_{8} \\ 46!_{4} \\ 52!_{8} \\ 47!_{4} \\ 50!_{4} \\ 47!_{4} \\ 50!_{4} \\ 48!_{4} \\ 52!_{4} \\ 54 \\ 52!_{4} \\ 48!_{4} \\ 52!_{4} \\ 48!_{4} \\ 52!_{4} \\ 48!_{4} \\ 52!_{4} \\ 48!_{4} \\ 52!_{4} \\ 42!_{4} $	$\begin{array}{c} 22\frac{2}{4}\\ 16\\ 20\frac{2}{4}\\ 22\\ 27\\ 21\frac{5}{3}\\ 30\frac{7}{3}\\ 25\frac{3}{4}\\ 20\\ 21\frac{1}{2}\\ 21\\ 21\\ 14\frac{7}{8}\\ 17\frac{5}{8}\\ \end{array}$	$\begin{array}{c} 28_{\frac{1}{2}}\\ 22_{\frac{3}{2}}\\ 14_{\frac{7}{2}}\\ .\\ .\\ .\\ .\\ .\\ .\\ .\\ .\\ .\\ .\\ .\\ .\\ .\\$	$54\frac{1}{52\frac{1}{4}}$ $$ $47\frac{1}{45\frac{3}{44\frac{3}{4}}}$ $46\frac{1}{46\frac{1}{46\frac{1}{46\frac{1}{4}}}}$ $46\frac{1}{46\frac{1}{46\frac{1}{4}}}$ $45\frac{1}{50\frac{3}{4\frac{1}{4}}}$ $50\frac{3}{4\frac{1}{4}}$ $$	Produce damaged; not weighed; see note 4.	487 538 538 411 39 415 398 428 398 428 398 428 398 418 418 418 468 408 377	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
	40 37 40 45 38 41 38 47 42 2 2 2 2 2 2 2 2 2 2 2 2 2	443 373 463 48 363 443 493 ····· ····· 427	493 57 473 463 523 61 501 523 513	$\begin{array}{c} & & & & \\ & & & & \\ & & & & \\ & & & & $	$\begin{array}{c} & & & & & & \\ & & & & & & & \\ & & & & $	$\begin{array}{c} & & & & & \\ & 47_{6}^{1} \\ & 45\frac{3}{4} \\ & 427 \\ & 41\frac{3}{8} \\ & 46\frac{1}{2} \\ & 438 \\ & 44\frac{1}{4} \\ & 39\frac{5}{8} \\ & & & \\ & & & & \\ & & & & \\ & & & & $	Produce damag	36 ¹ / ₂ 37 ¹ / ₈ 45 ¹ / ₈ 42 ¹ / ₈ 40 ³ / ₈ 41 49 ¹ / ₄ 50 ⁵ / ₈ 52 ¹ / ₂ 43 ¹ / ₂	16 17 18 19 20 21 22 23 24 25 26 Means
-			014	<u> </u>	208	104		40g	Means
	BUSHEL, L 63 597 627 634 624 634 644 635 635 635 635 635 635 635 635	bs. 60% 60% 60% 60% 61% 61% 59% 58% 61% 59% 58% 61% 59% 61% 59% 61% 59% 60% 60% 60% 60% 60% 60% 60% 60	$\begin{array}{c} 607\\ 587\\ 611\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\$	$\begin{array}{c} 517\\ 49\\ 53\\\\ 52\\ 52\\ 52\\ 52\\ 55\\\\ 54\\ 54\\ 52\\ 52\\ 52\\ 52\\ 52\\ 52\\ 52\\ 55\\\\ 54\\ 55\\ 55\\\\ 54\\ 55\\ 55\\ 55\\ 55\\ 55\\ 55\\ 55\\ 55\\ 55$	54% 557 53% 54% 56% 58% 57% 55% 56% 56% 56% 56% 56% 5	578 563 601 604 61 603 613 59 603 614 613 603 604 614 603 617 617 624 613 603 613 613 614 613 614 614 614 614 614 614 614 614 614 614	Produce damaged; not weighed; see note 4.	61 58 60 61 61 61 61 61 61 61 61 61 61 61 61 61	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 ICeans

wheats appeared to suffer most, either from imperfectly developed seed, wire-worm, or blight. The most satisfactory crop was Webb's Challenge, the seed for which was obtained direct from the seedsman, not grown on the farm, as were the others. (3) Owing to the produce of 1879 and 1880 being so exceptionally bad, that of those years is not included in the averages; nor is that of 1881. (4) The crop of 1882 was completely beaten down by the high winds and heavy rains of July, which greatly interfered with the proper maturation of the grain; the produce was therefore not kept separate or weighed; and in some places not even threshed.