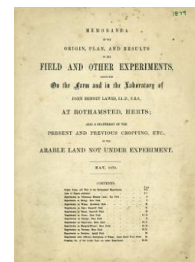


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Memoranda of the Field Experiments at Rothamsted: May 1879



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Experiments With Different Descriptions of Wheat: Sawpit Field

Rothamsted Research

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EXPERIMENTS WITH DIFFERENT DESCRIPTIONS OF WHEAT, IN 1879; AND SUMMARY OF RESULTS OBTAINED IN PREVIOUS YEARS.

Season 1879.	1871;	1872;	1873;	1874;	1875;	1876;	1877;	1878;	1879;	1880;	1881;	1882;	Averages, up to 1878 inclusive.	Nos.
LITTLE KNOTT-WOOD FIELD. 2 Cwts. Nitrate Soda; after Clover, Unmanured. First and second Crops, as Hay; afterwards Fed.	Sawpit Field; 3 cws. Guano; Mangolds, carried off.	Foster's Field; 2 cws. Super- phosphate, 2 cws. Nitrate Soda; after carried off.	Long Hoos Field; 1½ cwt. Nitrate; after Mangolds (with Dung), carried off.	Upper Harpenden Field; 2 cws. Nitrate; after Mangolds (with Dung), carried off.	Little Knott- Wood Field; 1½ cwt. Nitrate Soda; after Mangolds (with Dung), 1874, carried off.	Harpenden Field; 2 cws. Nitrate Soda; after Mangolds (with Dung), 1876, carried off.	Sawpit Field; 1½ cwt. Nitrate Soda; after Mangolds (with Dung), 1877, carried off.	Foster's Field; 2 cws. Nitrate; after White Turnips (with Dung and Artificial Crops, as Hay; 1877, part Red, part carted off. Fed.	Little Knott- Wood Field; 2 cws. Nitrate; after Clover; First and second Crops, as Hay; 1877, part Red, afterwards Fed.					
1. White-chaff (Red) .. .. .	.. .. .	.. .. .	40½	55½	40½	49½	48½	59	.. .. .	.. .. .	.. .. .	.. .. .	48½	1
2. Rivett's (Red) .. .. .	.. .. .	.. .. .	48½	67	48½	42½	40½	66½	.. .. .	.. .. .	.. .. .	.. .. .	66½	2
3. Chubb Wheat (Red)	28½	40	35½	50½	38½	40½	41½	55½	.. .. .	.. .. .	.. .. .	.. .. .	55½	3
4. Red-chaff (White)	32½	37	35½	48½	34½	43½	41	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	41½	4
5. Browick (Red)	35½	40½	38½	51½	38½	39½	40½	49½	.. .. .	.. .. .	.. .. .	.. .. .	41½	5
6. Red Wonder	31½	43½	37½	55½	33½	41½	41½	52½	.. .. .	.. .. .	.. .. .	.. .. .	42½	6
7. Burwell (Old Red Lammes)	31½	41½	35½	47½	38½	38½	39	46½	.. .. .	.. .. .	.. .. .	.. .. .	39½	7
8. Bristol Red	29½	44½	39½	44½	31½	42½	44½	52½	.. .. .	.. .. .	.. .. .	.. .. .	42½	8
9. Red Nursery	34½	45½	27½	53½	39	40½	40½	47½	.. .. .	.. .. .	.. .. .	.. .. .	42½	9
10. Red Langham	30½	43½	35½	55½	36½	42½	42½	50½	.. .. .	.. .. .	.. .. .	.. .. .	39½	10
11. Woolly Ear (White)	31½	42½	37	51½	37½	37½	37½	48½	.. .. .	.. .. .	.. .. .	.. .. .	41½	11
12. Hardcastle (White) .. .. .	.. .. .	46½	42	49½	33½	44	42½	54	.. .. .	.. .. .	.. .. .	.. .. .	44½	12
13. Golden Drop (Red), Hallett's	39½	49½	44½	51½	38½	48½	49½	52½	.. .. .	.. .. .	.. .. .	.. .. .	46½	13
14. Victoria White, Hallett's	33½	45½	38½	51½	33½	41½	42½	43½	.. .. .	.. .. .	.. .. .	.. .. .	44½	14
15. Hunter's White, Hallett's	26½	39½	35½	46½	26½	43½	40	42½	.. .. .	.. .. .	.. .. .	.. .. .	37½	15
16. Original Red, Hallett's	30	35½	38½	43½	26	44½	40	44½	.. .. .	.. .. .	.. .. .	.. .. .	37½	16
17. White Chiddam	26½	38½	31½	43½	42	37½	37½	49½	.. .. .	.. .. .	.. .. .	.. .. .	36½	17
18. Red Roscoe	37	46½	40½	53½	32½	40	40	57	.. .. .	.. .. .	.. .. .	.. .. .	37½	18
19. Casey's White	29½	42½	39	52½	37½	45½	43	47½	.. .. .	.. .. .	.. .. .	.. .. .	45½	19
20. Golden Rough-chaff (Red)	33	39½	38½	52½	38½	38½	38½	46½	.. .. .	.. .. .	.. .. .	.. .. .	42½	20
21. Bole's Prolific (Red)	38½	42½	45½	46½	43½	41½	41½	52½	.. .. .	.. .. .	.. .. .	.. .. .	44	21
22. Club Wheat (Red)	36	45½	47½	53½	46½	47½	49½	61	.. .. .	.. .. .	.. .. .	.. .. .	50½	22
23. Main's Standing White .. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	50½	23
24. Main's Rough-chaff (White) .. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	50½	24
25. Belgian (White) .. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	52½	25
Means	32½	42½	38½	50½	36½	42½	42½	51½	.. .. .	.. .. .	.. .. .	.. .. .	48½	Means.

DRESSED CORN PER ACRE. Bushels.

WEIGHT PER BUSHEL. Lbs.

1. White-chaff (Red)	58½	61½	61	63	60½	60½	60½	60½	60½	60½	60½	60½	61	1
2. Rivett's (Red)	57½	58½	59½	59½	58½	59½	59½	58½	58½	58½	58½	58½	58½	2
3. Chubb Wheat (Red)	60½	61½	60½	62½	60½	60½	60½	61½	61½	61½	61½	61½	61½	3
4. Red-chaff (White)	60	61½	60½	62½	60½	60½	60½	61½	61½	61½	61½	61½	61½	4
5. Browick (Red)	59½	60½	59½	62½	60½	60½	60½	61½	61½	61½	61½	61½	61½	5
6. Red Wonder	60	61½	60½	62½	60½	60½	60½	61½	61½	61½	61½	61½	61½	6
7. Burwell (Old Red Lammes)	60½	61½	60½	62½	60½	60½	60½	61½	61½	61½	61½	61½	61½	7
8. Bristol Red	62	63	61½	64½	62½	62½	62½	63½	63½	63½	63½	63½	63½	8
9. Red Nursery	63	64	62½	65½	63½	63½	63½	64½	64½	64½	64½	64½	64½	9
10. Red Langham	61½	62½	61½	63½	61½	61½	61½	62½	62½	62½	62½	62½	62½	10
11. Woolly Ear (White)	61½	62½	61½	63½	61½	61½	61½	62½	62½	62½	62½	62½	62½	11
12. Hardcastle (White)	61½	62½	61½	63½	61½	61½	61½	62½	62½	62½	62½	62½	62½	12
13. Golden Drop (Red), Hallett's	61½	62½	61½	63½	61½	61½	61½	62½	62½	62½	62½	62½	62½	13
14. Victoria White, Hallett's	59½	60½	60½	61½	60½	60½	60½	61½	61½	61½	61½	61½	61½	14
15. Hunter's White, Hallett's	58½	59½	58½	60½	58½	58½	58½	59½	59½	59½	59½	59½	59½	15
16. Original Red, Hallett's	58½	59½	58½	60½	58½	58½	58½	59½	59½	59½	59½	59½	59½	16
17. White Chiddam	60	61	60	62	60	60	60	61	61	61	61	61	61	17
18. Red Roscoe	60½	61½	60½	62½	60½	60½	60½	61½	61½	61½	61½	61½	61½	18
19. Casey's White	60	61	60	62	60	60	60	61	61	61	61	61	61	19
20. Golden Rough-chaff (Red)	60½	61½	60½	62½	60½	60½	60½	61½	61½	61½	61½	61½	61½	20
21. Bole's Prolific (Red)	61½	62½	61½	63½	61½	61½	61½	62½	62½	62½	62½	62½	62½	21
22. Club Wheat (Red)	60½	61½	60½	62½	60½	60½	60½	61½	61½	61½	61½	61½	61½	22
23. Main's Standing White .. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	61½	23
24. Main's Rough-chaff (White) .. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	61½	24
25. Belgian (White) .. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	60½	25
Means	60½	62½	60½	63½	60½	60½	60½	62	62	62	62	62	62	Means.