

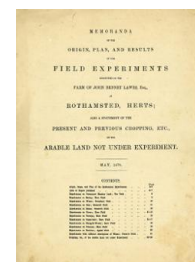
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# Yields of the Field Experiments 1878

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## Experiments With Different Descriptions of Wheat: Foster's Field

### Rothamsted Research

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EXPERIMENTS WITH DIFFERENT DESCRIPTIONS OF WHEAT, IN 1878; AND SUMMARY OF RESULTS OBTAINED IN PREVIOUS YEARS.

Season 1878.	1871;	1872;	1873;	1874;	1875;	1876;	1877;	1878;	1880;	1881;	1882;	Averages, up to 1877 inclusive.	Nos.
Fossum's Field. 2 Cwts. Nitrate Soda; after White Turnips with Dung, Superphos., and ½ cwt. Nitrate; part Fed, part Carted.	Sawpit Field; 3 cwt. Guano; after Mangolds, carted off.	Foster's Field; 2 cwt. Super- phosphate, Soda; after Roots, carted off.	Long Hoos Field; 1½ cwt. Nitrate; after Mangolds (with Dung), carted off.	Upper Harpenden Field; 2 cwt. Nitrate; after Mangolds (with Dung), carted off.	Little Knott Wood Field; 1½ cwt. Nitrate; Soda; after Mangolds (with Dung), 1874, carted off.	Harpenden Field; 2 cwt. Nitrate Soda; after Mangolds (with Dung), 1875, carted off.	Sawpit Field; 1½ cwt. Nitrate Soda; after Mangolds (with Dung) 1876, carted off.	Shawton Field Part 3rd, Soda after Mangolds Dung Superphos. part, carted off. (Part fed, the rest)					
1. White-chaff (Red) .. .. .	.. .. .	.. .. .	40½	55½	40½	49½	48½	57½				46½	1
2. Rivett's (Red) .. .. .	.. .. .	.. .. .	48½	67	48½	42½	49½	66½				51½	2
3. Chubb Wheat (Red) .. .. .	28½	40	35½	50½	38½	41½	41	59½				39½	3
4. Red-chaff (White) .. .. .	32½	37	35½	48½	34½	43½	41	55½				39	4
5. Brownick (Red) .. .. .	35½	40½	38½	51½	38½	39½	40½	40½				40½	5
6. Red Wonder .. .. .	31½	43½	37½	56½	33½	41½	37	43½				40½	6
7. Burwell (Old Red Lammass) .. .. .	31½	41½	35½	47½	38½	38½	39	46½				38½	7
8. Bristol Red .. .. .	29½	44½	39½	53½	31½	42½	41	47½				40½	8
9. Red Nursery .. .. .	34½	45½	41½	58½	39	37½	40	47½				37½	9
10. Red Langham .. .. .	30½	43½	33½	53½	34½	42½	42	48½				40½	10
11. Woolly Ear (White) .. .. .	31½	42½	37	51½	36½	46½	37½	48½				40½	11
12. Hardcastle (White) .. .. .	.. .. .	46½	42	44	35½	42	44	45½				43	12
13. Golden Drop (Red), Hallett's .. .. .	39½	49½	44½	51½	38½	48½	49½	49½				45½	13
14. Victoria White, Hallett's .. .. .	33½	45½	38½	44½	44½	48½	49½	49½				40	14
15. Hunter's White, Hallett's .. .. .	26½	39½	33½	44½	26½	43½	40	48½				37½	15
16. Original Red, Hallett's .. .. .	30	35½	36½	43½	26	40½	44½	48½				36½	16
17. White Chiddam .. .. .	26½	31½	31½	42	32½	37½	37	42				35½	17
18. Red Restock .. .. .	37	46½	46½	53½	37	46	46	43				43	18
19. Casey's White .. .. .	29½	42½	37	52	39	45½	48	41				41	19
20. Golden Rough-chaff (Red) .. .. .	53	39½	38½	52	38½	46½	46	39				39	20
21. Boie's Prolific (Red) .. .. .	53½	42½	45½	48	43	41	44	42				42	21
22. Club Wheat (Red) .. .. .	36	45½	47½	59½	46	47	49	47				47	22
23. Main's Standing White .. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .				.. .. .	23
24. Main's Rough-chaff (White) .. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .				.. .. .	24
25. Belgian (White) .. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .				.. .. .	25
Means .. .. .	32½	42½	38½	50½	36½	42½	42½	41½				41½	Means.

DRESSED CORN PER ACRE. Bushels.

WEIGHT PER BUSHEL. Lbs.

1. White-chaff (Red) .. .. .	61	63	60½	61	63	60½	61	61				61	1
2. Rivett's (Red) .. .. .	58½	59½	59½	58½	58½	59½	60½	58½				58½	2
3. Chubb Wheat (Red) .. .. .	60½	60½	60½	61½	60½	60½	60½	60½				60½	3
4. Red-chaff (White) .. .. .	61	62½	61	61	61	62½	61	61				61	4
5. Brownick (Red) .. .. .	60	60	60	62½	60	60	61	61				60	5
6. Red Wonder .. .. .	59	60	60	63	60	60	61	61				60	6
7. Burwell (Old Red Lammass) .. .. .	62	61	61	63	61	61	61	61				62	7
8. Bristol Red .. .. .	63	65	62	65	62	62	62	62				62	8
9. Red Nursery .. .. .	60	60	60	61	60	60	61	61				60	9
10. Red Langham .. .. .	63	61	61	63	61	61	61	61				61	10
11. Woolly Ear (White) .. .. .	61	62	62	62	61	61	61	61				61	11
12. Hardcastle (White) .. .. .	61	61	61	61	61	61	61	61				61	12
13. Golden Drop (Red), Hallett's .. .. .	61	61	61	61	61	61	61	61				61	13
14. Victoria White, Hallett's .. .. .	61	61	61	61	61	61	61	61				61	14
15. Hunter's White, Hallett's .. .. .	61	61	61	61	61	61	61	61				61	15
16. Original Red, Hallett's .. .. .	61	61	61	61	61	61	61	61				61	16
17. White Chiddam .. .. .	61	61	61	61	61	61	61	61				61	17
18. Red Restock .. .. .	61	61	61	61	61	61	61	61				61	18
19. Casey's White .. .. .	61	61	61	61	61	61	61	61				61	19
20. Golden Rough-chaff (Red) .. .. .	61	61	61	61	61	61	61	61				61	20
21. Boie's Prolific (Red) .. .. .	61	61	61	61	61	61	61	61				61	21
22. Club Wheat (Red) .. .. .	61	61	61	61	61	61	61	61				61	22
23. Main's Standing White .. .. .	61	61	61	61	61	61	61	61				61	23
24. Main's Rough-chaff (White) .. .. .	61	61	61	61	61	61	61	61				61	24
25. Belgian (White) .. .. .	61	61	61	61	61	61	61	61				61	25
Means .. .. .	60½	62½	59½	61	60½	63	60½	61				61	Means.