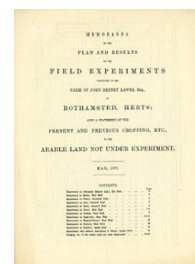


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Memoranda of the Field Experiments at Rothamsted: May 1877



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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 1877; AND SUMMARY OF RESULTS OBTAINED IN PREVIOUS YEARS.

| | DRESSED CORN PER ACRE. | | | | | | WEIGHT PER BUSHEL. | | | | | | |
|---|--|---|--|--|---|--|--|---|--|--|---|--|----------|
| | 1871; Sawpit Field; 3 cwt. Guano; after Mangolds, carted off. | 1872; Foster's Field; 2 cwt. Super- phosphate, 2 cwt. Nitrate Soda; after Roots, carted off. | 1873; Long Hoos Field; 1½ cwt. Nitrate; after Mangolds (with Dung), carted off. | 1874; Upper Harpenden Field; 2 cwt. Nitrate after Mangolds (with Dung), carted off. | 1875; Little Knott Wood Field; 1½ cwt. Nitrate Soda; after Mangolds (with Dung), 1874, carted off. | 1876; Harpenden Field; 2 cwt. Nitrate Soda; after Mangolds (with Dung), 1875, carted off. | 1871; Sawpit Field; 3 cwt. Guano; after Mangolds, carted off. | 1872; Foster's Field; 2 cwt. Super- phosphate; 2 cwt. Nitrate Soda; after Roots, carted off. | 1873; Long Hoos Field; 1½ cwt. Nitrate; after Mangolds (with Dung), carted off. | 1874; Upper Harpenden Field; 2 cwt. Nitrate after Mangolds (with Dung), carted off. | 1875; Little Knott Wood Field; 1½ cwt. Nitrate Soda; after Mangolds (with Dung), 1874, carted off. | 1876; Harpenden Field; 2 cwt. Nitrate Soda; after Mangolds (with Dung), 1875, carted off. | Average. |
| Season 1877. | | | | | | | | | | | | | |
| SAWPIIT FIELD. 1½ Cwt. Nitrate Soda; after Mangolds with Dung 1876, Carted off. | | | | | | | | | | | | | |
| 1. White-chaff (Red) | 32½ | 42½ | 38½ | 50½ | 40½ | 46½ | 60½ | 58½ | 61½ | 61 | 63 | 61 | 61 |
| 2. Rivett's (Red) | .. | .. | 45½ | 67 | 48 | 42½ | .. | 57½ | 58½ | 58½ | 59½ | 58½ | 58½ |
| 3. Chubb Wheat (Red) | 28½ | 40 | 35½ | 50½ | 38½ | 40½ | 60½ | 59½ | 61½ | 59½ | 62½ | 60½ | 60½ |
| 4. Red-chaff (White) | 32½ | 37 | 35½ | 48½ | 34½ | 43½ | 61½ | 60½ | 61½ | 60½ | 63½ | 61½ | 61½ |
| 5. Browick (Red) | 35½ | 40½ | 38½ | 51½ | 38½ | 39½ | 60 | 59½ | 61½ | 59½ | 62½ | 60½ | 60½ |
| 6. Red Wonder | 31½ | 43½ | 37½ | 56½ | 40½ | 44½ | 59 | 60 | 62½ | 60½ | 63 | 61 | 61 |
| 7. Burwell (Old Red Lammae) | 31½ | 41½ | 35½ | 47½ | 38½ | 38½ | 62 | 61½ | 63½ | 61½ | 64½ | 62½ | 62½ |
| 8. Bristol Red | 29½ | 44½ | 39½ | 53½ | 31½ | 42½ | 60½ | 60½ | 61½ | 60½ | 62½ | 63½ | 61½ |
| 9. Red Nursery | 34½ | 45½ | 27½ | 41½ | 39 | 37½ | 63 | 62 | 65½ | 62½ | 66 | 63½ | 63½ |
| 10. Red Langham | 30½ | 43½ | 34½ | 53½ | 34½ | 42½ | 60½ | 60½ | 63 | 60½ | 65½ | 61½ | 61½ |
| 11. Woolly Ear (White) | 31½ | 42½ | 37 | 51½ | 36½ | 46½ | 60½ | 61½ | 62½ | 60½ | 65½ | 61½ | 61½ |
| 12. Hardcastle (White) | .. | 46½ | 42 | 49½ | 38½ | 44 | .. | 59½ | 63 | 57½ | 65½ | 61½ | 61½ |
| 13. Golden Drop (Red), Hallett's | 39½ | 49½ | 44½ | 51½ | 38½ | 48½ | 61½ | 59½ | 63 | 61½ | 64½ | 63½ | 62½ |
| 14. Victoria White, Hallett's | 38½ | 45½ | 38½ | 44½ | 33½ | 41½ | 61 | 59½ | 62½ | 61½ | 65½ | 61½ | 61½ |
| 15. Hunter's White, Hallett's | 26½ | 39½ | 33½ | 45½ | 26½ | 43½ | 59½ | 57½ | 61½ | 60½ | 63½ | 60½ | 60½ |
| 16. Original Red, Hallett's | 30 | 35½ | 36½ | 43½ | 26 | 40½ | 58½ | 56½ | 61½ | 58½ | 62½ | 59½ | 59½ |
| 17. White Chiddam | 26½ | 38½ | 31½ | 42 | 32½ | 37½ | 62½ | 59½ | 62½ | 61½ | 64½ | 62½ | 62½ |
| 18. Red Rostock | 37 | .. | 46½ | 53½ | 37½ | 40 | 60½ | 56½ | 59½ | 59½ | 63½ | 59½ | 59½ |
| 19. Casey's White | 26½ | 42½ | 37½ | 52½ | 39 | 45½ | 60½ | 58½ | 60½ | 60 | 63½ | 60½ | 60½ |
| 20. Golden Rough-chaff (Red) | 33 | 39½ | 38½ | 52½ | 38½ | 38½ | 61½ | 59½ | 62½ | 61½ | 65½ | 62½ | 62½ |
| 21. Bole's Prolific (Red) | 38½ | 42½ | 45½ | 48½ | 43½ | 41½ | 61½ | 57½ | 62 | 60½ | 68½ | 61½ | 61½ |
| 22. Club Wheat (Red) | 36 | 45½ | 47½ | 59½ | 46½ | 47½ | 60½ | 58½ | 61½ | 61½ | 63½ | 61½ | 61½ |
| 23. Stinson's White | .. | .. | .. | .. | 35 | .. | .. | .. | .. | .. | .. | .. | 62½ |
| 24. Australian Wheat (White) | .. | .. | .. | .. | 28 | .. | .. | .. | .. | .. | .. | .. | 55½ |
| Mean | 32½ | 42½ | 38½ | 50½ | 36½ | 42½ | 60½ | 59½ | 61½ | 60½ | 63½ | 60½ | 61½ |