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# Yields of the Field Experiments 2013

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Results of the  
Classical and other  
Long-term Experiments  
2013

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## R/WF/3 Wheat and Fallow

### Rothamsted Research

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13/R/WF/3

**WHEAT AND FALLOW**

**Object:** To study the effects of fallowing on unmanured w. wheat – Hoosfield.

The 158<sup>th</sup> year, w. wheat.

For previous years see 'Details' 1967, 1973 and Yield Books for 74-12/R/WF/3.

**Whole plot dimensions:** 9 x 211

**Treatments:**

Two plots, one sown to w. wheat, one fallow; alternating in successive years.

**Experimental Diary**

| Date      |   | Application   | Rate                 | Units                |
|-----------|---|---|----------------------|----------------------|
| 22-Feb-13 | a | Drilled Crusoe trt Redigo Deter   | 450                  | seeds m <sup>2</sup> |
| 01-Mar-13 | p | Pre-em herbicide Defy & Stomp Aqua  | Def@3.0<br>Stomp 2.9 | l/ha<br>l/ha         |
| 2-Apr-13  | a | Springtined plot 1  | —                    | —                    |
| 26-May-13 | p | Sprayed with Simba (metasulfuron-methyl -20%)<br>and Vortex (nonylphenoxypolyethoxyethanol) | 30<br>1.5            | g/ha<br>l/ha         |
| 22-May-13 | a | Rotavated Fallows   | —                    | —                    |
| 19-Jun-13 | a | Cut Paths   | —                    | —                    |
| 04-Jul-13 | a | Cut Paths   | —                    | —                    |
| 11-Jul-13 | a | Rotavated Fallow  | —                    | —                    |
| 19-Jul-13 | a | Cut Paths.  | —                    | —                    |
| 12-Aug-13 | a | Claas - Harvested, opened up exp.   | —                    | —                    |
| 28-Aug-13 | a | Sampo - Harvested all Plots   | —                    | —                    |
| 29-Aug-13 | a | Sampo - Harvested   | —                    | —                    |
| 29-Aug-13 | a | Baled Sampled and Weighed   | —                    | —                    |
| 31-Aug-13 | a | Claas - Harvested OE's  | —                    | —                    |

**Grain and straw tonnes/hectare**

|       | Grain | Straw  |
|-------|-------|--------|
| Yield | 1.580 | 0.4530 |
| DM%   | 84.12 | 86.89  |

Plot area harvested 0.04431

Note: Unground grain and straw was archived.