

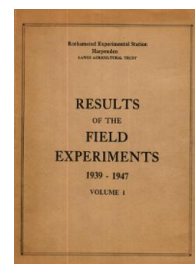
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# Yields of the Field Experiments 1939-1947 Volume 1

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## A/7 Woburn Stackyard - Wheat, Barley

### Rothamsted Research

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- 2 Sulphate of Ammonia (1N); 2a unlimed, 2aa, limed in 1905, 09, 10, 11, 2b, limed in 1897 2bb limed in 1897 and 1905
- 5 Minerals and Sulphate of Ammonia (1N); 5a, unlimed 5aa, limed in 1905 and 1916 5b, limed in 1905
- 8 Minerals and, in alternate years, Sulphate of Ammonia (2N); 8a, 8b unlimed, 8aa and 8bb limed in 1905 and 1918

N provides 25 lb. per acre of Ammonia

Crop Notes

Wheat-Red Standard			Barley - Plumage Archer		
Year	Sown	Harvested	Year	Sown	Harvested
1939	17.10.38	Aug. 15	1939	Feb.27	Aug. 17
1940	2 .11.39	Aug. 17	1940	Mar. 9	Aug. 8
1941	15.10.40	Aug. 19	1941	Mar.18	Sept.10
1942	19.11.41	Aug. 17	1942	Apr.13	Sept. 4
1943		Ploughed in, May 6	1943	Mar.12	Aug. 27
1944	27.9.43	Aug. 15	1944	Mar. 8	Sept. 4
1945	23.10.44	Aug. 2	1945	Mar. 6	Aug. 2
1946	2. 10.45	Aug. 22	1946	Mar.13	Aug. 15

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Wheat and Barley - Woburn Stackyard

Yields of Wheat (lb. per acre)

Plot	Grain 1939	Straw 1939	Grain 1940	Straw 1940	Grain 1941	Straw 1941	Grain 1942	Straw 1942
1	450	976	294	609			213	680
2a	85	341	Nil	81	Nil	Nil	Nil	Nil
2aa	416	993	8	147	77	242	Nil	Nil
2b	263	847	98	214	113	255	Nil	Nil
2bb	337	674	278	459	528	1117	48	161
3a	289	632	447	721	935	1865	302	893
3b	155	386	239	506	641	1123	325	675
4	480	1124			975	2522	671	1396
5a	652	1362	201	423	258	610	79	417
5b	575	1030	217	602	1016	1815	171	364
6	435	1019	695	1362	1347	2246	797	2043
7	367	761	402	932	680	1909	334	901
8a	101	222	36	81	Nil	Nil	Nil	Nil
8aa	625	1117	355	649	69	177	67	419
8b	218	444	73	113	56	177	Nil	Nil
8bb	621	1194	218	452	278	661	173	706
9a	344	1052	544	1171	1115	2421	764	1929
9b	560	1194	474	919	919	1800	526	1339
10a	272	597	186	273			382	598
10b	289	554	231	446			371	888
11a	363	950	591	880	1197	2148	828	1516
11b	443	1312	918	1720	1211	2807	1168	2732

Yields of plots damaged by rabbits, or otherwise invalidated, are omitted.

A/7.4

Yields of Barley (lb. per acre)

Plot	Grain 1939	Straw	Grain 1940	Straw	Grain 1941	Straw	Grain 1942	Straw
1	385	1071	21	350	284	896	194	483
2a	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
2aa	367	1316	24	453	284	933	146	435
2b	341	877	24	325	442	1017	363	827
2bb	349	910	24	340	566	1200	151	384
3a	361	747	20	373	412	850	411	762
3aa	363	887	24	302	234	600	185	556
3b	593	1266	20	390	420	933	383	823
3bb	259	755	24	208	142	367	125	384
4a	337	976	12	234	691	1203	417	894
4b	228	929	12	226	304	1138	404	890
5a	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
5aa	175	774	Nil	Nil	Nil	Nil	323	762
5b	417	885	28	655	606	1057	560	947
6	717	1342	12	250	924	1484	1086	1384
7	368	1028	19	372	388	721	246	586
8a	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
8aa	435	1065	20	468	Taken with 8bb		658	1313
8b	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
8bb	577	1113	20	500	686	1242	483	1100
9a	727	1412	37	677	1006	1675	975	1600
9b	572	1417	79	744	862	1500	1281	1583
10a	345	932	17	280	297	744	204	504
10b	288	1212	17	280	192	686	136	620
11a	444	967	76	543	676	1496	915	1393
11b	668	1635	135	912	886	876	1405	1909

X  
A/7.5

Wheat and Barley - Woburn Stackyard

X New system of Manuring - Yields, (lb. per acre).  
Plots arranged in their groups of three.

Wheat

Plot	1944		1945		1946	
	Grain	Straw	Grain	Straw	Grain	Straw
1	N2 1980	4887	N1 737	1334	N3	
3	N1 2259	5411	N3 1466	2559	N2 469	1927
7	N3 2494	5794	N2 841	2140	N1	
4	N3 2104	4371	N2 664	1558	N1	
6	N1 2318	5539	N3 1377	2689	N2 379	1862
9	N2 3625	6782	N1 601	1229	N3 744	2205
10a	N2 2250	5645	N1 587	1151	N3 569	2446
10b	N3 2109	4960	N2 833	1635	N1	
11a	N1 2504	7917	N3 1693	3183	N2 425	2014
11b(1)	N3 1872	4829	N2 1451	2841	N1 372	1598
11b(2)	N1 2452	6079	N3 1591	3037	N2 585	2354
11b(3)	N2 1689	4421	N1 762	1524	N3 750	2384

Yield of plots damaged by rabbits, or otherwise invalidated, are omitted.

Barley

Plot	1943		1944		1945		1946	
	Grain	Straw	Grain	Straw	Grain	Straw	Grain	Straw
1	N1 87	311	N3 906	1766	N2 539	1839	N1 209	1123
3	N2 328	863	N1 529	1037	N3 908	2015	N2 419	1456
7	N3 458	977	N2 549	1115	N1 533	1594	N3 879	1958
4	N3 519	1051	N2 1343	1936	N1 676	2053	N3 862	1944
6	N1 551	1144	N3 821	1535	N2 1019	2717	N1 513	1683
9	N2 928	1661	N1 988	2152	N3 1020	2144	N2 1018	2686
10a	N3 107	422	N2 404	1122	N1 304	1393	N3 308	1447
10b	N1 99	1045	N3 635	1929	N2 519	2081	N1 226	1101
11a	N2 702	1764	N1 668	2227	N3 857	2143	N2 780	2195
11b(1)	N2 1237	2537	N1 896	2530	N3 1006	2959	N2 757	2482
11b(2)	N3 800	2075	N2 604	2067	N1 727	2285	N3 1253	3279
11b(3)	N1 606	2475	N3 1192	2545	N2 1087	2628	N1 1178	2586

N

Barley

Year

Plot	Grain	Straw	Grain	Straw	Grain	Straw
1	112 1890	1487	11 777	1534	11 777	1534
2	11 2329	141	11 1466	1533	11 1466	1533
3	11 2494	154	11 841	1510	11 841	1510
4	11 2404	177	11 66	1538	11 66	1538
5	11 2318	1539	11 1777	1539	11 1777	1539
6	11 1657	142	11 407	1547	11 407	1547
7	11 2290	145	11 207	1551	11 207	1551
8	11 219	160	11 65	1552	11 65	1552
9	11 2304	171	11 1037	1563	11 1037	1563
10	11 1875	159	11 191	1587	11 191	1587
11	11 2132	167	11 1511	1577	11 1511	1577
12	11 159	143	11 78	1587	11 78	1587

Fields of plots damaged by rodents, or otherwise investigated, are omitted.

Barley

Year

Plot	Grain	Straw	Grain	Straw	Grain	Straw
1	11 87	146	11 239	1539	11 239	1539
2	11 278	165	11 29	1535	11 29	1535
3	11 458	177	11 643	1547	11 643	1547
4	11 219	1681	11 197	1576	11 197	1576
5	11 21	174	11 61	1572	11 61	1572
6	11 218	1681	11 388	1582	11 388	1582
7	11 107	142	11 54	1552	11 54	1552
8	11 22	165	11 62	1537	11 62	1537
9	11 208	174	11 68	1587	11 68	1587
10	11 197	167	11 108	1593	11 108	1593
11	11 208	161	11 218	1581	11 218	1581
12	11 208	174	11 208	1577	11 208	1577
13	11 208	174	11 208	1577	11 208	1577
14	11 208	174	11 208	1577	11 208	1577
15	11 208	174	11 208	1577	11 208	1577
16	11 208	174	11 208	1577	11 208	1577
17	11 208	174	11 208	1577	11 208	1577
18	11 208	174	11 208	1577	11 208	1577
19	11 208	174	11 208	1577	11 208	1577
20	11 208	174	11 208	1577	11 208	1577