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Yields of the Field Experiments 1961

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61/R/A/2 Hoosfield - Barley

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61/A/2.1

BARLEY - HOOSFIELD 1961

For history, treatments, etc., see "Details of the Classical and Long Term Experiments" 1956.

In 1961 all strips drilled for combining were taken for grain yields, except on plots 1N, 2N, 5-0 and 5A where one of the inner two strips only was taken.

For straw yields one of the inner two strips was taken on each plot, except on plots 6-1 and 6-2 where the centre strip of the three, and on plots 7-1 and 7-2 where the northern one of the two, was taken.

Cultivations, etc.: Sprayed with dalapon at 10 lb in 40 gallons per acre: Sept 24, 1960; and again at 5 lb in 40 gallons per acre: Oct 11. Dung applied: Dec 12. Ploughed: Dec 13. Minerals applied: Mar 28, 1961. Nitrogen fertilisers applied: Apr 4. Seed drilled at $2\frac{3}{4}$ bushels per acre: Apr 12. Strips 1, 2 and 3 sprayed with MCPA at $6\frac{1}{2}$ pints in 40 gallons per acre; and strips 4, 6 and 7 sprayed with CMPP at 6 pints in 40 gallons per acre: May 19. Combined: Aug 28. Variety: Plumage Archer.

61/A/2.2

Summary of Results

Plot	Grain (at 85% dry matter): cwt per acre	Straw (at 85% dry matter): cwt per acre
1 O	10.4	5.6
2 O	13.6	6.6
3 O	9.9	4.6
4 O	14.0	7.3
5 O	10.8	4.4
1 A	12.2	8.3
2 A	20.2	12.9
3 A	14.6	10.1
4 A	24.3	16.0
5 A	18.4	15.9
1 AA	13.7	10.5
2 AA	24.1	15.1
3 AA	14.7	9.5
4 AA	24.6	16.5
1 AAS	20.1	11.9
2 AAS	25.9	15.0
3 AAS	19.4	12.3
4 AAS	26.3	15.1
1 C	21.9	12.2
2 C	25.0	14.0
3 C	21.5	13.9
4 C	27.3	16.2
7 - 1	12.8	6.3
7 - 2	26.4	15.8
6 - 1	9.2	5.1
6 - 2	11.1	5.9
1 N	11.6	8.1
2 N	17.6	10.8
Mean dry matter % as harvested:	85.2	87.2