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## Yields of the Field Experiments 1996

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### 96/W/BW/1 Rhynchosporium Study - W. Barley

#### Rothamsted Research

Rothamsted Research (1997) *96/W/BW/1 Rhynchosporium Study - W. Barley* ; Yields Of The Field Experiments 1996, pp 119 - 119 - DOI: <https://doi.org/10.23637/ERADOC-1-51>

96/W/BW/1

WINTER BARLEY

RHYNCHOSPORIUM STUDY

**Object:** To characterise two geographically separated *Rhynchosporium* populations and to assess their susceptibility to fungicides - Woburn, Butt Close I - IV. The experiment was repeated at Long Ashton Research Station, Bristol.

**Sponsor:** D.W. Holloman, Long Ashton Research Station.

**Design:** 2 randomised blocks of 4 plots.

**Whole plot dimensions:** 20.0 x 24.0.

**Treatments:**

FUNGCIDE	Fungicide:
-	None
CARB	Carbendazim (Bavistin DF)
CARB+DTB	Carbendazim and diethofencarb (Sumico)
DTB	Diethofencarb

**Experimental diary:**

20-Sep-95 : B : Ploughed.  
24-Nov-95 : B : Rotary harrowed, Chariot, dressed Wireworm FS Seed Treatment, drilled at 440 seeds per m<sup>2</sup>.  
19-Mar-96 : B : 34.5% N at 116 kg.  
10-May-96 : B : 34.5% N at 290 kg.  
02-Jun-96 : B : Ally at 30 g in 200 l.  
14-Jun-96 : T : FUNGCIDE CARB: Bavistin DF at 0.5 kg in 300 l.  
          : T : FUNGCIDE DTB: Diethofencarb at 2.0 kg in 300 l.  
          : T : FUNGCIDE CARB+DTB: Sumico at 2.0 kg in 300 l.  
05-Aug-96 : B : Combine harvested.

Previous crops: Various 1994, potatoes 1995.

**NOTE:** Leaf samples were taken on three occasions and isolates of *Rhynchosporium* were tested for sensitivity to fungicides.

**GRAIN TONNES/HECTARE**

\*\*\*\*\* Tables of means \*\*\*\*\*

FUNGCIDE	-	CARB	CARB+DTB	DTB	Mean
	2.12	3.27	3.43	2.74	2.89

GRAIN MEAN DM% 89.8

PLOT AREA HARVESTED 0.00440