

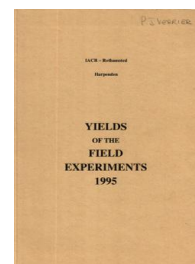
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95/R/BW/2 Rhynchosporium Study - W. Barley

Rothamsted Research

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95/R/BW/2

WINTER BARLEY

RHYNCHOSPORIUM STUDY

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

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

Design: 2 randomised blocks of 4 plots.

Whole plot dimensions: 20.0 x 24.0.

Treatments:

FUNGICIDE	Fungicide:
-	None
CARB	Carbendazim
CARB+PRO	Carbendazim and propiconazole
PRO+TRI	Propiconazole and tridemorph

Experimental diary:

26-Jul-94 : B : Straw baled and removed.
05-Sep-94 : B : PK as (0:20:32) at 1317 kg.
09-Sep-94 : B : Ploughed and furrow pressed.
02-Nov-94 : B : Rotary harrowed, Chariot, dressed Rappor and Gamma-HCH, drilled at 350 seeds per m².
21-Mar-95 : B : 34.5% N at 118 kg.
03-Apr-95 : T : **FUNGICIDE** CARB: Carbate Flowable at 0.5 l in 200 l.
 : T : **FUNGICIDE** CARB+PRO: Hispor 45 WP at 0.5 l in 200 l.
 : T : **FUNGICIDE** PRO+TRI: Tilt Turbo 475 EC at 1.0 l in 200 l.
12-Apr-95 : B : 34.5% N at 300 kg.
21-Apr-95 : B : Ally at 30 g with Starane 2 at 0.75 l in 200 l.
28-Apr-95 : B : Terpal at 1.5 l with Vassgro Spreader at 300 ml in 300 l.
21-Jul-95 : B : Combine harvested.

Previous crops: Set-aside 1993, w. barley 1994.

95/R/BW/2

GRAIN TONNES/HECTARE

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

FUNGICIDE

-	5.64
CARB	5.46
CARB+PRO	6.23
PRO+TRI	6.30
Mean	5.91

GRAIN MEAN DM% 87.9

PLOT AREA HARVESTED 0.00460