STRAW RESIDUE MANAGEMENT FOR AUTUMN-SOWN CEREALS GROWN ON A CLAY SOIL, 1979-1987


**Authors**

**Type**
C2 - Non-edited contributions to conferences

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### RELATED OUTPUTS

**Effects of break crops, and of wheat volunteers growing in break crops or in set-aside or conservation covers, all following crops of winter wheat, on the development of take-all (Gaeumannomyces graminis var. tritici) in succeeding crops of winter wheat**

A - Papers appearing in refereed journals


**Identifying variation in resistance to the take-all fungus, Gaeumannomyces graminis var. tritici, between different ancestral and modern wheat species**

A - Papers appearing in refereed journals


**Confidential report to Syngenta, January 2012**

D1 - Technical reports: non-confidential

Effects of take-all (Gaeumannomyces graminis var. tritici) on crop N uptake and residual mineral N in soil at harvest of winter wheat


A new approach to reduce the risk of Take-all disease


Evidence that wheat cultivars differ in their ability to build up inoculum of the take-all fungus, Gaeumannomyces graminis var. tritici, under a first wheat crop


Confidential report to Syngenta


Preparations for war; a postscript to Harold Gough’s reminiscences of Rothamsted


Nitrogen requirements of biomass crops


Effects of crop debris and cultivations on the development of eyespot of wheat caused by Oculimacula spp.


Confidential report to Bayer CropScience: spring-applied fungicides and take-all: field trial 2008/09

Estimation of ramet production from Miscanthus x giganteus rhizome of different ages

A - Papers appearing in refereed journals

Performance of 15 different Miscanthus species and genotypes over 11 years

C1 - Edited contributions to conferences/learned societies

Triticum monococcum, an ancient relative of wheat, is a rich source of resistance to septoria tritici blotch disease

G - Articles in popular magazines and other technical publications

Phenotypic and genetic analysis of the Triticum monococcum-Mycosphaerella graminicola interaction

A - Papers appearing in refereed journals

Take-all and the Wheat Genetic Improvement Network (WGIN)

G - Articles in popular magazines and other technical publications

Assessment of the A.E. Watkins wheat collection in 2008 for resistance to foliar, stem base and root diseases. Objectives 2 and 5

G - Articles in popular magazines and other technical publications

Growth, yield and mineral content of Miscanthus x giganteus grown as a biofuel for 14 successive harvests

A - Papers appearing in refereed journals
Take-all: predicting the risk of damage

Effects of fluquinconazole and silthiofam, applied as seed treatments to single or consecutive crops of wheat, on take-all epidemic development and grain yields

Infection of stem bases and grains of winter wheat by Fusarium culmorum and F. graminearum and effects of tillage method and maize-stalk residues

The potential of non-pathogenic Gaeumannomyces spp., occurring naturally or introduced into wheat crops or preceding crops, for controlling take-all in wheat

Effects of different cultivated or weed grasses, grown as pure stands or in combination with wheat, on take-all and its suppression in subsequent wheat crops

Grass weeds, grass covers and take-all risk

The effect of harvest date on the yield and mineral content of Phalaris arundinacea L. (reed canary grass) genotypes screened for their potential as energy crops in southern England

The recovery over several seasons of 15N-labelled fertilizer applied to Miscanthus x giganteus ranging from 1 to 3 years old

Methods for studying population structure, including sensitivity to the fungicide silthiofam, of the cereal take-all fungus, Gaeumannomyces graminis var. tritici
Fungal-plant interactions that influence the suppression of take-all disease in wheat-field soil
C2 - Non-edited contributions to conferences

Survival and multiplication of Gaeumannomyces graminis var. tritici (the wheat take-all fungus) and related fungi on different wild and cultivated grasses
A - Papers appearing in refereed journals

Pot experiments to test seed treatment fungicides against take-all disease of wheat. Confidential report to Syngenta
D1 - Technical reports: non-confidential
Bateman, G. L. and Gutteridge, R. J. 2005. Pot experiments to test seed treatment fungicides against take-all disease of wheat. Confidential report to Syngenta.

Development of Oculimacula yallundae and O. acuformis (eyespot) on leaf sheaths of winter wheat in the UK in relation to thermal time
A - Papers appearing in refereed journals

Wheat rhizosphere interactions and natural suppression of take-all disease: effects of grass weeds and wheat cultivar on inoculum and disease
C1 - Edited contributions to conferences/learned societies

Establishing Miscanthus sinensis from seed using conventional sowing methods
A - Papers appearing in refereed journals

Take-all and grain yields in sequences of winter wheat crops testing fluquinconazole seed treatment applied in different combinations of years
A - Papers appearing in refereed journals

The hydrological impacts of energy crop production in the UK. (Report by the Centre for Ecology and Hydrology for the Department of Trade and Industry B/CR/000783/00/00)
D1 - Technical reports: non-confidential

Effects of cultivation method and crop debris on wheat stem-base diseases and take-all
C1 - Edited contributions to conferences/learned societies

Interactions between cropping systems and soil-borne cereal pathogens (Final project report for DEFRA project CE0525)
**Effects of sowing date and volunteers on the infectivity of soil infested with Gaeumannomyces graminis var. tritici and on take-all disease in successive crops of winter wheat**

A - Papers appearing in refereed journals


**Optimising the benefits of fluquinconazole seed treatment in sequences of winter wheat crops**

C1 - Edited contributions to conferences/learned societies


**Environment and harvest time affects the combustion qualities of Miscanthus genotypes**

A - Papers appearing in refereed journals


**Strategies for fungicidal control of take-all. (H-GCA Project Report No. 309)**

D1 - Technical reports: non-confidential


**Development of eyespot on winter wheat in the UK II: infection and lesion development on stems in relation to thermal time**

C2 - Non-edited contributions to conferences


**Development of eyespot on winter wheat in the UK I: penetration and infection of leaf sheaths in relation to thermal time**

C2 - Non-edited contributions to conferences


**Variation in the effects of take-all disease on grain yield and quality of winter cereals in field experiments**

A - Papers appearing in refereed journals


**Interactions between cropping systems and soil-borne cereal pathogens (Project CE0525)(Scientific report for DEFRA Review of Cereal and Oilseed Disease Epidemiology)**

D1 - Technical reports: non-confidential


**Interactions between cropping systems and soil-borne cereal pathogens (Annual/interim report for DEFRA project CE0525 2001-2002)**

D1 - Technical reports: non-confidential

Effects of azoxystrobin on wheat take-all (H-GCA Project Report 285)
D1 - Technical reports: non-confidential

Some problems in the design and analysis of field experiments subject to interplot interference
A - Papers appearing in refereed journals

Phosphate losses through field drains in a heavy cultivated soil
C2 - Non-edited contributions to conferences

The yield and composition of switchgrass and coastal panic grass grown as a biofuel in Southern England
A - Papers appearing in refereed journals

Changes in populations of the eyespot fungi Tapesia yallundae and T. acuformis under different fungicide regimes in successive crops of winter wheat, 1984-2000
A - Papers appearing in refereed journals

Laboratory and field testing of fungicides for control of ergot in wheat and rye (HGCA Project Report No. 254)
D1 - Technical reports: non-confidential

The effect of delayed harvest on the yield and nutrient compostion of reed canary grass (Phalaris arundinacea)
C1 - Edited contributions to conferences/learned societies

Interactions between cropping systems and soil-borne cereal pathogens (Annual/interim report for MAFF project CE0525 2000-2001)
D1 - Technical reports: non-confidential

Harvest time and quality of different Miscanthus genotypes grown at five sites between Sweden and Portugal
C1 - Edited contributions to conferences/learned societies

Switchgrass variety choice in Europe
C1 - Edited contributions to conferences/learned societies

Crop development and yield of different Miscanthus genotypes grown at five sites distributed between...
Sweden and Portugal
C1 - Edited contributions to conferences/learned societies

Performance of 15 Miscanthus genotypes at five sites in Europe
A - Papers appearing in refereed journals

First report of Rhizoctonia cerealis causing sharp eyespot in Panicum virgatum in the UK
A - Papers appearing in refereed journals

The yield, composition and production costs for seven varieties of switch grass and one panic grass grown as a biofuel
C1 - Edited contributions to conferences/learned societies

Estimates of rhizome weight of Miscanthus with time and rooting depth compared to switchgrass
C1 - Edited contributions to conferences/learned societies

Rainfall interception by mature Miscanthus grass in SE England
C1 - Edited contributions to conferences/learned societies

Biofuel crops: their potential contribution to decreased fossil carbon emissions and additional environmental benefits
C1 - Edited contributions to conferences/learned societies

Perennial rhizomatous grasses overview (EU internal, non-confidential report)
D1 - Technical reports: non-confidential

D1 - Technical reports: non-confidential

Biology and control of stem-base diseases of cereals in the UK
A - Papers appearing in refereed journals

First report of Rhizoctonia cerealis causing sharp eyespot in Panicum virgatum in the UK
A - Papers appearing in refereed journals

Effects of fluquinconazole seed treatment on take-all and yield of winter wheat, and its exploitation in cropping systems
Evaluating grasses as a long-term energy resource. ETSU B/CR/00651/REP; DTI/Pub URN 01/780

D1 - Technical reports: non-confidential

Changes in soil mineral nitrogen during and after 3-year and 5-year set-aside and nitrate leaching losses after ploughing out the 5-year plant covers in the UK
A - Papers appearing in refereed journals

Effects of incorporating different amounts of straw on growth, diseases and yield of consecutive crops of winter wheat grown on contrasting soil types
A - Papers appearing in refereed journals

Switch-on to grass
C1 - Edited contributions to conferences/learned societies

The effect of three or five years of set-aside on the husbandry and grain yield of subsequent cereal crops in the UK
A - Papers appearing in refereed journals

Effects of foliar sprays of azoxystrobin on take-all in wheat
A - Papers appearing in refereed journals

Fungicides for the control of ergot in cereal crops
C1 - Edited contributions to conferences/learned societies

Controlling take-all in sequences of winter cereal crops using fluquinconazole seed treatment
C1 - Edited contributions to conferences/learned societies

Towards better understanding and management of cereal stem-base diseases
C1 - Edited contributions to conferences/learned societies

Phosphate losses through field drains in a heavy cultivated soil
C2 - Non-edited contributions to conferences

Evaluating grasses for their potential as biomass energy crops
G - Articles in popular magazines and other technical publications
Assessment of tillage strategies to decrease nitrate leaching in the Brimstone Farm Experiment, Oxfordshire, UK

A - Papers appearing in refereed journals

Phosphate losses through field drains in a heavy cultivated soil
A - Papers appearing in refereed journals

Evaluation of some herbaceous grasses as biomass crops in southern England
C1 - Edited contributions to conferences/learned societies

Switchgrass (Panicum virgatum L.) varieties in Europe
C1 - Edited contributions to conferences/learned societies

Monitoring the growth and yield of crops grown as biofuels (ETSU B/W2/00548/11/REP)
D1 - Technical reports: non-confidential

G - Articles in popular magazines and other technical publications

Establishing fuel specifications of non-wood biomass crops (ETSU B/U1/00612/REP)
D1 - Technical reports: non-confidential

Interactions of straw disposal methods and direct drilling or cultivations on winter wheat (Triticum aestivum) grown on a clay soil
A - Papers appearing in refereed journals

Nitrate leaching: modifying the loss from mineralized organic matter
A - Papers appearing in refereed journals

Seed treatment trials 1998 (Confidential report to AgrEvo)
D1 - Technical reports: non-confidential

Take-all disease of cereals. A regional perspective
E - Books edited/written by staff member, alone/with others
Exploit that break

Growing switchgrass for energy and fibre in Europe

A comparison of management regimes for one-year rotational set-aside within a sequence of winter wheat crops, and of growing wheat without interruption. 1. Effects on soil mineral nitrogen, grain yield and quality

A comparison of management regimes for one-year rotational set-aside within a sequence of winter wheat crops, and of growing wheat without interruption. 2. Effects on vegetation and weed control

Obituary: 1921-97: John Malcolm ('Jim') Hirst, FRS

Nutrient requirement and cycling in energy crops

Nitrate leaching losses under Miscanthus grass planted on a silty clay loam soil

A comparison of management regimes for one-year rotational set-aside within a sequence of winter wheat crops, and of growing wheat without interruption. 3. Effects on diseases

Strategies to decrease nitrate leaching in the Brimstone Farm Experiment, Oxfordshire, UK, 1988-1993: the effect of winter cover crops and unfertilised grass leys

Strategies to decrease nitrate leaching in the Brimstone Farm Experiment, Oxfordshire, UK, 1988-93: the effect of straw incorporation

Switchgrass (Panicum virgatum L.)

Cordgrass (Spartina spp.)
Effects of method of straw disposal and depth of cultivation on populations of Fusarium spp. in soil and on brown foot rot in continuous winter wheat

A - Papers appearing in refereed journals


The establishment of cover crops by reduced cultivation, direct drilling and pre-harvest sowing and the effect on the yield of the following crop

C1 - Edited contributions to conferences/learned societies


The effect of take-all (Gaeumannomyces graminis var tritici ) disease of wheat on residual mineral N in arable soils

C2 - Non-edited contributions to conferences


Uptake of nitrogen by Miscanthus

C1 - Edited contributions to conferences/learned societies


Nitrate leaching under Miscanthus grass

C1 - Edited contributions to conferences/learned societies


A study of grain dormancy and viability in spring barley

A - Papers appearing in refereed journals


Comparisons of isolates of the take-all fungus, Gaeumannomyces graminis var. tritici , from different cereal sequences using DNA probes and non-molecular methods

A - Papers appearing in refereed journals


The agronomy of some herbaceous crops grown for energy in Southern England

C1 - Edited contributions to conferences/learned societies


The recovery of 15N-labelled fertilizer applied to Miscanthus x giganteus

A - Papers appearing in refereed journals


Nutrient demand and translocation processes of Miscanthus x giganteus

C1 - Edited contributions to conferences/learned societies

Strategies to control volunteer cereals in cereal rotations

Straw incorporation - rotational ploughing for grass weed control

Plant genotype, micronutrient fertilization and take-all infection influence bacterial populations in the rhizosphere of wheat

Occurrence of severe take-all in winter wheat after many years of growing spring barley, and effects of soil phosphate

Incidence of eyespot and selection of W-type and R-type of Pseudocercosporella herpotrichoides in sequences of different cereal species

Mineralization of cover crop N: its contribution to subsequent crop N uptake and losses

Effects of wheat crop debris on the sporulation and survival of Pseudocercosporella herpotrichoides

Effects on wheat diseases of three and five year set-aside covers

Effects of cultivating one-year rotational set-aside at different times on take-all disease of winter wheat

Effects of inoculum sources on the accuracy and precision of experiments testing different times of applying fungicides to control powdery mildew (Erysiphe graminis f. sp. hordei) on spring barley
Jenkyn, J. F., Todd, A. D., Bainbridge, A. and Dyke, G. V. 1996. Effects of inoculum sources on the accuracy and precision of experiments testing different times of applying fungicides to control powdery mildew (Erysiphe graminis f. sp. hordei) on spring barley. The Journal of Agricultural Science. 126, pp. 259-275.

Evaluating grasses as a biomass resource for energy - some preliminary results
Straw incorporation by different tillage systems on heavy clay soils in southern England


The natural biological control phenomenon of take-all decline in different sequences of cereals


Effects of sowing date and vernalisation on the growth of winter barley and its resistance to powdery mildew (Erysiphe graminis f.sp. hordei)


Inter-plot interference and nearest-neighbour analysis of field experiments


Mineralization of cover crop N: its contribution to subsequent crop N uptake and losses


Effects of cover crops on soil N transformations and losses from arable land


Effects of incorporating or burning straw, and of different cultivation systems, on winter wheat grown on two soil types, 1985-91


Effects of incorporating straw, using different cultivation systems, and of burning it, on diseases of winter barley


Sensitivity (stability) analysis of multiple variety trials, with special reference to data expressed as proportions or percentages

Dyke, G. V., Lane, P. W. and Jenkyn, J. F. 1995. Sensitivity (stability) analysis of multiple variety trials, with special reference to data expressed as proportions or percentages. Experimental Agriculture. 31, pp. 75-87.

Different cereal sequences to manage the natural biological control phenomenon of take-all decline

Effects of cover crops on soil N transformations and losses from arable land


Impact of set-aside management strategies on the soil seedbank and weed flora at Woburn


Quantifying the yield of perennial grasses grown as a biofuel for energy generation


First report of barley yellow dwarf luteovirus on Miscanthus in the United Kingdom


The effect of ploughing, direct drilling and minimal cultivation on drained and undrained land on yield and nitrogen uptake of crops grown on clay soil, 1979-1992


Straw disposal and cereal diseases


Effects of cover crops on soil N transformations and losses from arable land


Reduced cultivation and direct drilling for cereals in Great Britain


Take-all in autumn-sown wheat, barley, triticale and rye grown with high and low inputs


Comparison of take-all in different cereals in monoculture and in cereal rotations


The effect of the previous crop on the growth, nitrogen uptake and yield of winter barley intended for malting


New uses for old crops
**Miscanthus - fuel crop for the future?**

G - Articles in popular magazines and other technical publications


**Losses of nitrate-nitrogen in water draining from under autumn-sown crops established by direct drilling or mouldboard ploughing**

A - Papers appearing in refereed journals


**The effect of reduced cultivation, ploughing and herbicides on the occurrence of volunteer cereal grains in winter wheat and barley**

C1 - Edited contributions to conferences/learned societies


**Effects of seven factors on the growth and yield of winter barley grown as a third consecutive take-all susceptible crop and of growing the barley after oats or a fallow**

A - Papers appearing in refereed journals


**Evaluation of drainage, cultivation and crop management on the leaching of nitrate under arable crops on a clay soil**

C2 - Non-edited contributions to conferences


**Pesticide application and deposition - their importance to pesticide leaching to surface water**

C1 - Edited contributions to conferences/learned societies


**Nitrogen uptake by cover crops**

C1 - Edited contributions to conferences/learned societies


**Effect of cultivations and herbicides on the occurrence of volunteer cereals. Final report of a 4-year grant, beginning April 1988 (HGCA Project 0086/1/87)**

D1 - Technical reports: non-confidential


**The effect of cultivation and plant establishment on nitrogen conservation on set-aside land**

C1 - Edited contributions to conferences/learned societies


**The effectiveness of winter cover crops in minimising nitrogen leaching loss**

C1 - Edited contributions to conferences/learned societies


**Strategies to reduce nitrate leaching by crop rotation, minimal cultivation and straw incorporation in the...**
Brimstone Farm Experiment, Oxfordshire

C1 - Edited contributions to conferences/learned societies

Effects of sowing winter barley on different dates in autumn on the severity of take-all (Gaeumannomyces graminis var. tritici) in those and the subsequent crops

A - Papers appearing in refereed journals

N uptake by barley related to malting quality

D1 - Technical reports: non-confidential

Fungal pathogens of grain lupins 1986-1991

C1 - Edited contributions to conferences/learned societies

The effects of straw disposal and depth of cultivation on the growth, nutrient uptake and yield of winter wheat on a clay and a silt soil

A - Papers appearing in refereed journals

Studies on the patterns of nitrogen uptake and translocation to the grain of winter barley intended for malting

A - Papers appearing in refereed journals

Effects of fungicides, applied in autumn, and a growth regulator, applied in spring, on the growth and yield of winter barley grown on contrasting soil types

A - Papers appearing in refereed journals

Crop yield and uptake of nitrogen

C1 - Edited contributions to conferences/learned societies

Evaluation of 'Seamac 600' applied to winter barley

C2 - Non-edited contributions to conferences

Some effects of straw residues and cultivation system on tillering in winter wheat

A - Papers appearing in refereed journals

Agronomic aspects of straw incorporation

G - Articles in popular magazines and other technical publications

Toxins and straw residues
Agronomic aspects of straw incorporation


Growing barley for malting - a review (HGCA Project 0025/1/87)


Effects of defoliation at different growth stages and in different grain-filling environments on the growth and yield of spring barley.


https://doi.org/10.1111/j.1744-7348.1990.tb06642.x

The dynamics of nitrogen accumulation in barley grain and malting quality.


Growing barley for malting - a review.

Carreck, N. J. and Christian, D. G. 1989. Growing barley for malting - a review. in: Interactions between plots in experiments with the splash-dispersed pathogen (Rhynchosporium secalis) on winter barley.


Effects of straw inoculum and fungicides on leaf blotch (Rhynchosporium secalis), growth and yield of winter barley.


Establishment and early growth.
Effects of treatments to perennial ryegrass on the development of Septoria spp. in a subsequent crop of winter wheat.


Effects of straw incorporation and cultivations on cereal diseases.


The cultivation of clay soil.


Activity of triadimefon vapour against Erysiphe graminis f. sp. hordei.


Mechanisms by which straw residues can limit the use of simplified tillage for winter wheat.


Cultivation systems for clay soils.


The effect of depth of straw incorporation on the growth and yield of winter wheat on a clay and a silt loam soil.


A comparison of tine cultivation and ploughing with two methods of straw disposal on the growth, nutrient uptake and yield of winter wheat grown on a clay soil.


Comparison of the effects of spring applications of ammonium chloride and other nitrogen fertilizers on take-all in winter wheat.


The growth and yield of winter wheat following ten years of continuous ploughing, shallow-tine
cultivation or direct drilling on a non-calcareous clay soil.

A - Papers appearing in refereed journals

Compaction of a silt loam by wheeled agricultural vehicles. II. Effects on growth and yield of direct-drilled winter wheat.

A - Papers appearing in refereed journals

Straw incorporation by different tillage systems the effect on growth and yield of winter oats.

A - Papers appearing in refereed journals

A Study of mole drainage with simplified cultivation for autumn-sown crops on a clay soil. 4. A comparison of direct drilling and mouldboard ploughing on drained and undrained land on root and shoot growth, nutrient uptake and yield.

A - Papers appearing in refereed journals

The effects of sowing date and other factors on growth, yield and nitrogen uptake, and on the incidence of pests and diseases, of winter barley at Rothamsted from 1981 to 1983.

A - Papers appearing in refereed journals

Results from experiments on winter barley measuring the effects of amount and timing of nitrogen and some other factors on the yield and nitrogen content of the grain

A - Papers appearing in refereed journals
Penny, A., Widdowson, F. V. and Jenkyn, J. F. 1986. Results from experiments on winter barley measuring the effects of amount and timing of nitrogen and some other factors on the yield and nitrogen content of the grain. The Journal of Agricultural Science. 106, pp. 537-549.

Take-all distribution and soil type on Chalky Boulder clay.

A - Papers appearing in refereed journals

Tests of amounts and times of application of nitrogen and of sequential sprays of aphicide and fungicides on winter wheat, following either beans or wheat, and the effects of take-all (Gaeumannomyces graminis var. tritici), on two varieties at Saxmundham, Suffolk 1980-3

A - Papers appearing in refereed journals

Interference between plots in experiments with plant pathogens

C1 - Edited contributions to conferences/learned societies

A study of mole drainage with simplified cultivation for autumn-sown crops on a clay soil 3 Agronomy, root and shoot growth of winter-wheat 1978-80

A - Papers appearing in refereed journals
Experiments to examine the significance of ammonia evolution from barley seedlings infected with the powdery mildew fungus, Erysiphe graminis f.sp. hordei

A - Papers appearing in refereed journals


Biological effectiveness of electrostatically charged rotary atomisers. II. Trials with cereals, 1982

A - Papers appearing in refereed journals


Effects of powdery mildew on grain filling in spring barley in contrasting environments

A - Papers appearing in refereed journals


Effects of barley powdery mildew on grain filling in contrasting environments

C1 - Edited contributions to conferences/learned societies


Experiments with solid and liquid N-fertilizers and fungicides on winter wheat at Saxmundham, Suffolk, 1976–9

A - Papers appearing in refereed journals


Effects of nitrogen fertilizer and tridemorph on mildew, growth and yield of spring barley 1975–7

A - Papers appearing in refereed journals


Effects of fungicides and insecticides applied to spring barley sown on different dates in 1976-79

A - Papers appearing in refereed journals


Effects of fungicide movement between plots in field experiments

A - Papers appearing in refereed journals


Results from factorial experiments testing amounts and times of granular N-fertilizer, late sprays of liquid N-fertilizer and fungicides to control mildew and brown rust on two varieties of spring barley at Saxmundham, Suffolk 1975–8

A - Papers appearing in refereed journals

Fungicides, fertilizers and sowing date
B - Book chapters etc edited externally

The influence of cultural-factors and mildew on yield of winter barley
A - Papers appearing in refereed journals

Take-all, Gaeumannomyces graminis var. tritici, and yield of wheat grown after ley and arable rotations in relation to the occurrence of Phialophora radicicola var. graminicola
A - Papers appearing in refereed journals

Investigation into inter-plot interactions, in experiments with mildew on barley, using balanced designs
A - Papers appearing in refereed journals

Field evaluation of pesticides: the changing scene
C1 - Edited contributions to conferences/learned societies

Spring top-dressings of ‘Nitro-Chalk’ and late sprays of a liquid N-fertilizer and a broad spectrum fungicide for consecutive crops of winter wheat at Saxmundham, Suffolk
A - Papers appearing in refereed journals

Occurrence of phialophora-radicicola var graminicola and gaeumannomyces-graminis var tritici on roots of wheat in field crops
A - Papers appearing in refereed journals

Effects of pesticides on a perennial ryegrass sward
A - Papers appearing in refereed journals

Effects of chemical treatments for mildew control at different times on growth and yield of spring barley
A - Papers appearing in refereed journals

Effect of inoculating soils with phialophora-radicicola var graminicola on take-all disease of wheat
A - Papers appearing in refereed journals

Nitrogen and leaf diseases of spring barley
C1 - Edited contributions to conferences/learned societies
Observations on the origins of Septoria nodorum infection of winter wheat
A - Papers appearing in refereed journals

Interference between plots as a source of error in experiments with erysiphe-graminis
A - Papers appearing in refereed journals

Gaeumannomyces-cylindrosporus, a new ascomycete from cereal roots
A - Papers appearing in refereed journals

Effects of fungicides and insecticides on mildew, viruses and root yield of swedes
A - Papers appearing in refereed journals

Results from two barley experiments at Saxmundham, Suffolk, measuring effects of the fungicide benodanil on three varieties, given three amounts of nitrogen at two times 1973–4
A - Papers appearing in refereed journals

Pathogens occurring on ten varieties of ryegrass at Rothamsted in 1973-1974
A - Papers appearing in refereed journals

Observations on mildew development in winter cereals: 1968-73
A - Papers appearing in refereed journals

Mildew reinfection in adjacent and separated plots of sprayed barley
A - Papers appearing in refereed journals

Effects of mildew (Erysiphe graminis) on green leaf area of Zephyr spring barley, 1973
A - Papers appearing in refereed journals

Results from two experiments with winter wheat, comparing top-dressings of a liquid N-fertilizer either alone or with added herbicide or mildew fungicide or both, and of 'Nitro-Chalk' without or with herbicide or fungicide or both
A - Papers appearing in refereed journals
Penny, A. and Jenkyn, J. F. 1975. Results from two experiments with winter wheat, comparing top-dressings of a liquid N-fertilizer either alone or with added herbicide or mildew fungicide or both, and of 'Nitro-Chalk' without or with herbicide or fungicide or both. The Journal of Agricultural Science. 85 (3), pp. 533-539. https://doi.org/10.1017/s002185960062419

Effect of ethirimol seed dressings on yield of spring barley grown with different amounts of nitrogen fertilizer 1969-71
A - Papers appearing in refereed journals

The effect of benomyl sprays on Sclerotinia trifoliorum and yield of red clover
A - Papers appearing in refereed journals

**Seasonal changes in infection of barley seedlings by Erysiphe graminis f.sp. hordei**

A - Papers appearing in refereed journals


**Effects of mildew on the growth and yield of spring barley: 1969-72**

A - Papers appearing in refereed journals


**Disease gradients and small plot experiments on barley mildew**

A - Papers appearing in refereed journals


**A comparison of seasonal changes in deposition of spores of Erysiphe graminis on different trapping surfaces**

A - Papers appearing in refereed journals


**Seasonal changes in incubation time of Erysiphe graminis f.sp. hordei**

A - Papers appearing in refereed journals


**The effect of fungicides on incidence of Sporobolomyces spp. and Cladosporium spp. on flag leaves of winter wheat**

A - Papers appearing in refereed journals


**An apparatus for the isolated propagation of foliar pathogens and their hosts**

A - Papers appearing in refereed journals


**Activity of six fungicides against cereal foliage and root diseases**

A - Papers appearing in refereed journals
