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Research output

Bingol, E., Qi, A., Karandeni-Dewage, C., Ritchie, F., Fitt, B. D. L., & Huang, Y.J. (2023). Co-inoculation timing affects the interspecific interactions between phoma stem canker pathogens *Leptosphaeria maculans* and *Leptosphaeria biglobosa*. *Pest Management Science*, 1/10. <https://doi.org/10.1002/ps.7799>

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Projects

ADAS, ELSOMS, HDC, Limagrain, Trialsforce and WIN

Fitt, B. & Stotz, H.

Home Grown Cereals Authority (HGCA)

1/01/14 → 31/12/16

Analyses of air samples for ascospores of *Leptosphaeria maculans* and *L. biglobosa* by quantitative PCR

Huang, Y. & Fitt, B.

Home Grown Cereals Authority (HGCA)

1/06/14 → 1/10/14

Antiviral and Antibacterial Stainless Steel

Ren, G., Fitt, B. & Stair, J.

Royal Academy of Engineering (RAE)

1/08/13 → 30/11/14

Characterisation of the resistance phenotype against the asymptomatic growth phase of *Pyrenopeziza brassicae* in selected doubled haploid (DH) lines of oilseed rape

Fitt, B. & Karandeni Dewage, C. S.

20/06/16 → 10/11/16

Decreasing risk of severe phoma stem canker caused by *Leptosphaeria biglobosa* on winter oilseed rape

Huang, Y. & Fitt, B.

Felix Thornley Cobbold Agricultural Trust

1/09/15 → 30/08/18

Developing adaptation strategies to mitigate the impacts of climate change on diseases of wheat and maize and food production in Egypt.

Fitt, B., Richard, B. & Qi, A.

1/08/21 → 31/08/23

Effects of *Mycogel* on strawberry and vegetable root development

Huang, Y., Fitt, B. & Hall, A.

J & S Technical Service Ltd

1/08/15 → 30/06/17

Effects of fungicides on interactions between *Leptosphaeria maculans* and *L. biglobosa* on oilseed rape

Fitt, B. & Hall, A.

Gatsby Charitable Foundation

1/07/12 → 15/09/12

Effects of fungicides on interactions between phoma stem canker pathogens, severity of epidemics and oilseed rape yield

Fitt, B., Huang, Y. & Stotz, H.

DuPont UK

1/09/13 → 30/12/15

Fungicide effects on phoma stem canker in Winter Oilseed Rape

Fitt, B.

Felix Thornley Cobbold Agricultural Trust

1/10/11 → 30/09/15

Genomics-led improvement of biotic and abiotic stress tolerance in mustard rape for economic and environmental sustainability

Stotz, H., Fitt, B. & Sayed, M. H.

1/10/18 → 31/08/21

Identification of avirulent alleles of pathogen effector genes in UK *Leptosphaeria maculans* (phoma stem canker) populations

Huang, Y. & Fitt, B.

20/06/16 → 31/12/16

Identification of cultivar resistance against *Leptosphaeria maculans* and *L. biglobosa* in oilseed rape (*Brassica napus*)

Huang, Y. & Fitt, B.

26/06/17 → 26/11/17

Identification of phoma stem canker causal pathogens (*Leptosphaeria maculans* and *L. biglobosa*) on different winter oilseed rape cultivars from AHDB RL field trials using quantitative PCR

Huang, Y. & Fitt, B.

3/07/17 → 8/09/17

31 March 2023: Identification, selection, characterization and optimisation of antimicrobial proteins from food insects and indigenous chickens' skin and feathers as ingredients for food and industrial applications

Ren, G., Timms, A., Fitt, B., Stair, J., Oloo, B., Nduko, J., Ogendo, J. & Mungai, N.

1/10/22 → 31/03/23

Impacts of climate change on occurrence and distribution of the pathogenic seed-borne fungi of wheat and maize in Egypt.

Fitt, B.

1/04/18 → 31/03/20

Improved management of light leaf spot in Brassicas by exploiting resistance and understanding pathogen variation

Fitt, B. & Slater, R.

Horticultural Development Council

1/08/13 → 28/02/19

Integrated strategies to control Leptosphaeria pathogens on winter oilseed rape in the UK

Fitt, B. & Huang, Y.

UKRI - UK Research and Innovation

1/09/16 → 31/10/20

Interactions between phoma stem canker pathogens and Jicencse resistance in oilseed rape

Fitt, B.

Government of Malaya

1/06/11 → 30/11/14

Mechanistic Analysis of Quantitative Disease Resistance in Brassica by Associative Transcriptomics

Fitt, B.

ERA-CAPS (BBSRC)

1/11/15 → 30/09/18

Molecular identification and quantification of Leptosphaeria maculans and L. biglobosa from upper stem lesions on oilseed rape cultivars with different resistance

Huang, Y. & Fitt, B.

Home Grown Cereals Authority (HGCA)

1/07/13 → 30/09/13

Mycotoxin-producing fusarium species and related pathogenic fungi in cereal crops

Fitt, B.

Department for Environment, Food and Rural Affairs (Defra)

1/01/11 → 31/03/12

Oilseed Rape Genetic Improvement Network

Huang, Y. & Fitt, B.

Department for Environment, Food and Rural Affairs (Defra)

1/04/13 → 31/08/14

Oilseed Rape Genetic Improvement Network (OREGIN) - Phase 5

Huang, Y. & Fitt, B.

Oilseed Rape Genetic Improvement Network (OREGIN): Harnessing natural genetic variation

Huang, Y. & Fitt, B.

Department for Environment, Food and Rural Affairs (Defra)

29/01/15 → 31/07/18

Population dynamics of Pyrenopeziza brassicae under Irish field conditions

Fitt, B.

1/12/17 → 30/11/20

Predicting the effects of climate change on the severity of crop disease epidemics

Fitt, B.

The John Oldacre Foundation

1/02/12 → 31/01/16

SAIN: Addressing vulnerabilities and building capacity for adaption of agriculture to climate change in China

Fitt, B.

Department for Environment, Food and Rural Affairs (Defra)

1/01/11 → 31/12/13

Strategies to increase durability of resistance to phoma stem canker pathogens on oilseed rape

Huang, Y. & Fitt, B.

Technology Strategy Board / BBSRC

1/09/15 → 31/08/18

Strategies to prevent spread of *Leptosphaeria maculans* (cause of phoma stem canker of brassicas) into China.

Fitt, B., Zhang, X., Demir, E., White, R., Jedryckza, G., Islam, M., Li, Z. & Li, G.

2/02/12 → 3/09/12

Suppression of the plant immune response by effectors produced by *Leptosphaeria maculans*

Fitt, B. & Stotz, H.

The British Society for Plant Pathology (BSPP)

1/06/13 → 9/08/13

Sustainable yield of oilseed rape through improved resistance against *Leptosphaeria maculans* (phoma stem canker)

Stotz, H. & Fitt, B.

The British Society for Plant Pathology (BSPP)

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Best Regards Fitt, B. D. L