



The Food and Environment
Research Agency

Emerging disease patterns

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The Food and Environment Research
Agency

National surveys of diseases in winter wheat

- Winter wheat survey funded by Defra since 1970
 - two year gap 1984 & 1985
- At least 300 commercially managed crops in England sampled at GS73-75
 - survey sample fully randomised
 - stratified by wheat growing area and farm size
- Crops assessed for all foliar, stem, root and ear diseases
- Background agronomic information collected for each crop using a questionnaire



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Welcome to CropMonitor

This website provides information sourced from monitoring sites located across the country and reports up to date measurements of crop pest and disease activity in arable crops throughout England. All data gathered are being analysed to identify disease and pest risk, seasonal variation in disease development and the effectiveness of control strategies. Users will be alerted to emerging threats during the growing season and advised on appropriate courses of action.

CropMonitor Smartphone App released

Available now for the iPhone, search the appstore for 'Crop Monitor' or see [CropMonitor for iPhone](#).

Available at <http://www.cropmonitor.co.uk/>



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Survey of commercially grown winter wheat

Wheat is the most important crop in England and Wales in terms of area grown and fungicide use. Annual surveys of winter wheat diseases have been conducted since 1975, and provide continued and up-to-date information on the status of diseases.

Approximately 300 crops will be assessed annually during the early to medium milk development stage (GS73 - 75). Twenty-five tillers from each crop will be examined for stem, leaf and ear diseases. Background agronomic information will be collected for each crop.

National pest monitoring has now been incorporated into the CropMonitor project. Approximately 50 crops will be assessed at the early flowering (GS61) and watery ripe (GS71) growth stages for incidence of cereal aphids.

Survey reports

Current season

2012

[Disease survey highlights](#)

Latest survey information

[Septoria risk - model validation](#)

[Winter wheat virus samples required for new research](#)

[Fusarium live monitoring](#)

[Fusarium Head Blight : species incidence and toxin risk 2012](#)



**CROP MONITOR ALSO
EXPLORES THE DRIVERS OF
DISEASE**