

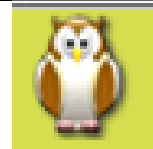


33. SENTINEL ONLINE	
FAIRWAY partner: Fiona Nicholson (ADAS, UK)	
	
Brief description	
Sentinel Online allows anyone with an interest in crop production to quickly find the information required to make key decisions in crop management. Features include: The Pesticide Database; Library; Decision support including crop nutrition, NVZ rules and recommendations; Technical updates; Weeds, pests and disease identification information; Diary Dates i.e. cross compliance dates and deadlines.	
Contaminants covered (e.g. nitrate, pesticides etc.)	Pesticides
Intended end users (e.g. farmer, water quality manager, policy maker)	Farmers and advisers
Level of expertise and/or training required	No specialised training required
Geographical resolution (e.g. field, catchment, national)	Field
Temporal resolution (e.g. daily, annual, long-term).	As required
Real-time component (e.g. live weather data, soil moisture data feeds etc.)	None
Number and type of mitigation measures included	None
Platform (e.g. paper-based tool, phone app, bespoke software).	Online information
Frequency of updates	Daily
Cost/availability	Free to use online: https://secure.gk-cloud.com/sentinel/viewer.html#topic-home
Number of users or number of copies distributed/downloaded/purchased	Not known
Links to demo material and other relevant information (e.g. user guides).	https://secure.gk-cloud.com/sentinel/viewer.html#topic-home
Additional comments	Sentinel is the information base for the Gatekeeper module Sentinel Active, a decision support tool providing detailed crop approval information and real-time/instant verification for all UK pesticides.

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Input data required to run the DST	None	
Outputs (including links to water quality and economic or financial aspects)	Information on pesticide approvals and use.	
Age/provenance of supporting data used to develop the DST	Regular updates	
Country-specific calibration or data requirements (including restrictions on use)	Information is specific to the UK	
Details of validation and testing	Not known	
Date developed/released (or planned release date)	Not known	
Author/developer names and affiliations	Various. Technical updates from companies including Bayer Crop Science, John Deere and Nufarm UK	
Member state(s) where developed	UK	
Member State(s) where currently used	UK	
Key publication references (including url)	None	

Sentinel Online



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Any other useful information (e.g. screenshots of DST input/outputs)

Decision support available online

Decision Support

Quick Links to the help you do the job

Crop Nutrition

Plan your crop nutrition, and stay legal



[Cereals](#)
[Oilseeds](#)
[Nutrient removals](#)
[NVZ Regulations](#)

[Crop Nutrition Homepage](#)

Technical Updates

Relevant technical advice from regular contributors



[Bayer CropScience](#)
[Adama](#)
[Nufarm](#)

[All Technical Updates](#)

Recommended Lists

Look up disease risks, standing power or latest sowing date.



[Barley](#)
[Wheat](#)
[Oilseeds](#)

[All Recommended lists](#)

What is in your crop?

Weeds, pests, conversion factors, and more



[Disease Identification](#)
[Grass Weed Profiles](#)
[Insect Identification](#)

[Reference section Home](#)