



IPM Decisions PRESS RELEASE

IPM Decisions
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IPM Decisions platform, access to IPM DSS

On 19 September 2022 the IPM Decisions Platform will be launched: an open access 'one-stop shop' for decision support in Integrated Pest Management (IPM): WWW.PLATFORM.IPMDECISIONS.NET After an easy and quick registration process to set up a farm location and selection relevant Decision Support Systems (DSS), users have direct access to information and guidance on a growing number of pests on their crops.

Decision Support Systems (DSS) available at the launch of the Platform

At launch, the IPM Decisions Platform offers DSS output supporting management of 11 invertebrate pests and diseases. Many more DSS will become available before the 2023 growing season.

Available DSS on 19th of September:

- Barley Yellow Dwarf Virus (BYDV) in winter wheat and winter barley;
- Carrot rust fly in carrots;
- Potato late blight in potatoes, three different DSS;
- Codling moth in apples;
- Cabbage moth in several cabbage crops;
- Cutworm in various crops (lettuce, celery, brassicas, etc.);
- Fungal leaf diseases in winter and spring wheat (*Zymoseptoria tritici*, *Parastagonospora nodorum* and *Pyrenophora tritici-repensis*);
- Downy mildew in lettuce;
- Saddle gall midge in spring wheat.



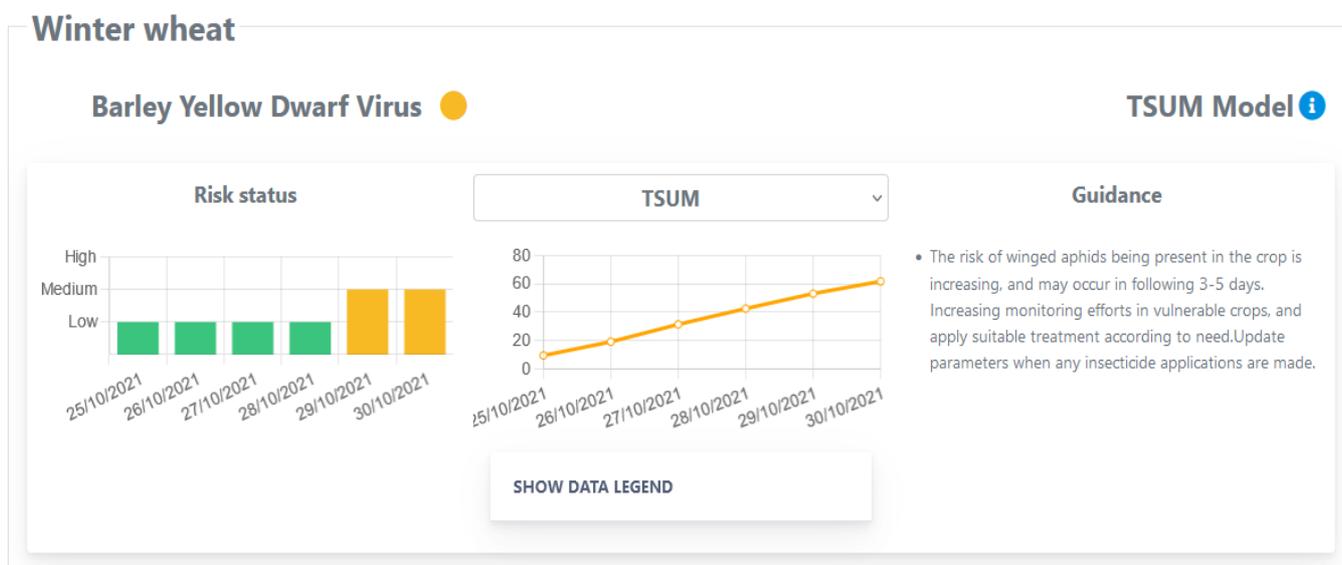
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The IPM Decisions project will create an online platform across the EU, delivering Integrated Pest Management Decision Support Systems for insect pests, weeds and diseases of crops. www.ipmdecisions.net. For more information please contact contact@ipmdecisions.net

Example – Barley Yellow Dwarf Virus (BYDV) DSS in the UK

The BYDV DSS was run on 25 October 2021 for a winter wheat crop in the UK that emerged mid October 2021 and had received no insecticide treatments. The output (Figure 1) shows a medium risk of spread of BYDV in the crop by the end of the week. As temperatures are increasing the likelihood of winged aphids being present, which spread the virus, is increasing. When the risk moves from medium risk (yellow) to high risk (red), crops should be monitored to assess the actual abundance of aphids in the field. This model is based on the Agriculture and Horticulture Development Board (AHDB) 'TSUM' model developed in the UK ([HTTPS://AHDB.ORG.UK/BYDV](https://ahdb.org.uk/bydv)).

Figure 1: IPM Decision Platform screenshot showing output from the Barley Yellow Dwarf Virus DSS, run in the UK



More information: [WWW.IPMDECISIONS.NET](http://www.ipmdecisions.net) or
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