

PRESS RELEASE



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New European service for yield prediction – YPSILON® starts into first season of yield prediction for 19 European countries

Munich, 13. May 2020 – After a three-year backtest phase, the YPSILON® yield forecasting service is now starting its first season on European level. The service was developed by BayWa's associated companies VISTA GmbH, Germany, and BayWa Agri Supply Trade (BAST) / Cefetra B.V., Netherlands, and can now be subscribed to.

Based on state-of-the-art satellite data (Copernicus constellation of the EU/ESA) and a physically based crop growth model, YPSILON® enables large-scale yield forecast from eight weeks before harvest. The method allows the biomass growth to be continuously monitored and the influence of drought or heat stress on yield formation to be calculated. From mid-May on, the service will provide current forecasts of the yield (t/ha) for wheat, grain maize and rapeseed for 19 European countries via the web platform <https://ypsilon.services/>. Interested users can also obtain free trial access there.

The main target groups for the Europe-wide YPSILON® service are large trading companies and traders, while the regional service is also of interest to mills, regional trading companies, seeding companies, biogas plant operators,

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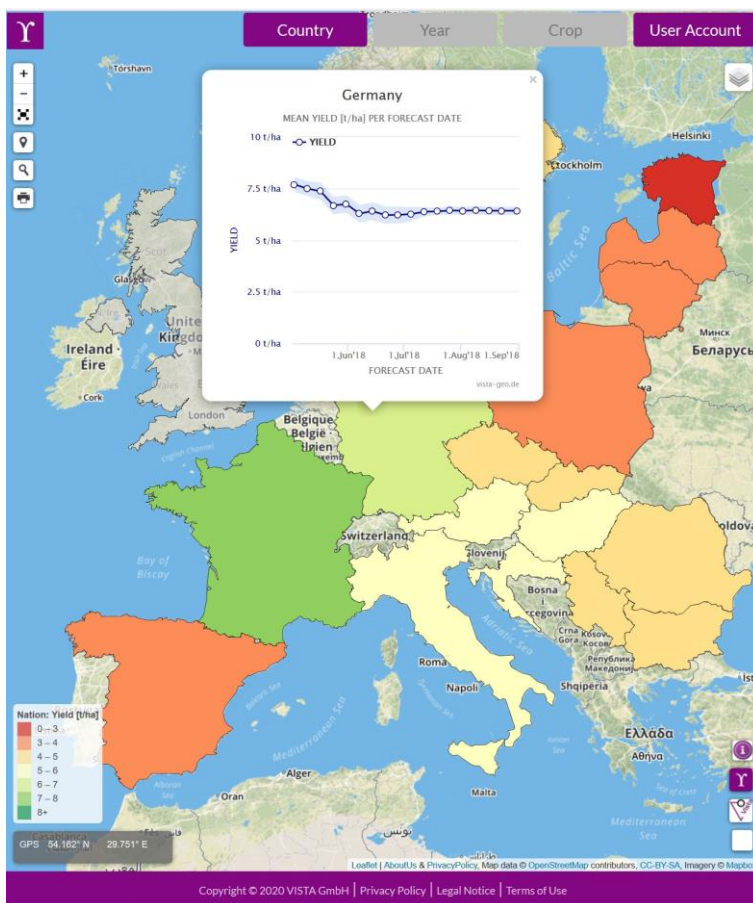
agricultural consultants and even large individual farms. YPSILON® can also be useful for public authorities. The accuracy of YPSILON® in Europe has been tested for rapeseed, grain maize and wheat for three years against standard market forecasts and official statistics. The results were compelling, as both yield declines and peak harvests were predicted early on. In the drought year 2018, for example, YPSILON® in Germany predicted the later yield with high accuracy in the third decade of May, six weeks ahead of the previously established methods.

The year 2020 is already becoming apparent as another year of extremes - with a too dry start to the agricultural year in Central Europe and, in addition, the consequences of Covid-19 on the value chain and the market, which are difficult to assess. Having early information on the current status on the European fields is therefore becoming ever more important.

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