



Data science and innovative digital tools empower farmers through actionable insights.

Usage of Cookies

We would like to use optional cookies to better understand your use of this website, to improve our website and to share information with our advertising partners. Detailed information about the use of strictly necessary cookies, which are essential to browse this website, and optional cookies, which you can reject or accept below, and how you can manage or withdraw your consent at any time can be found in our **Privacy Statement**.

[COOKIE SETTINGS](#)[>](#)

[REJECT COOKIES](#)[>](#)

[ACCEPT COOKIES](#)[>](#)

The Impact of Digitalization at Bayer Crop Science



At Bayer, we use AI and machine learning to help farmers achieve better harvests. We also use data science to accelerate our research & development process, creating efficiencies in production, operations and supply chain, and improving customer experience.

Digital farming is at the forefront of modern agriculture and many farmers and scientists are using innovative tools to measure and analyze the elements that affect farming—including environmental conditions, seed genetics, and the presence of pests. In the future, this technology and data will continue to enhance farmer efficiency by further enabling them to monitor each plot of land and determine the precise inputs needed for their crops to thrive.

Usage of Cookies

We would like to use optional cookies to better understand your use of this website, to improve our website and to share information with our advertising partners. Detailed information about the use of strictly necessary cookies, which are essential to browse this website, and optional cookies, which you can reject or accept below, and how you can manage or withdraw your consent at any time can be found in our **Privacy Statement**.

COOKIE SETTINGS

>

REJECT COOKIES

>

ACCEPT COOKIES

>



Digital Farming

Enabling Farmers to Get The Most Out of Their Fields While Using Less

Like the smart tools that help us make decisions in our day-to-day lives, digital farming is enabling individual solutions tailored to each farm’s needs: the right product in the right place, at the right time, in the right amount.

Usage of Cookies

We would like to use optional cookies to better understand your use of this website, to improve our website and to share information with our advertising partners. Detailed information about the use of strictly necessary cookies, which are essential to browse this website, and optional cookies, which you can reject or accept below, and how you can manage or withdraw your consent at any time can be found in our **Privacy Statement**.

COOKIE SETTINGS

>

REJECT COOKIES

>

ACCEPT COOKIES

>

Discover More Innovations



Seeds & Traits

[/ EXPLORE](#)



Crop Protection

[/ EXPLORE](#)



Agriculture Biologicals

[/ EXPLORE](#)



Tailored Solutions

Usage of Cookies

We would like to use optional cookies to better understand your use of this website, to improve our website and to share information with our advertising partners. Detailed information about the use of strictly necessary cookies, which are essential to browse this website, and optional cookies, which you can reject or accept below, and how you can manage or withdraw your consent at any time can be found in our **Privacy Statement**.

COOKIE SETTINGS



REJECT COOKIES



ACCEPT COOKIES



Still looking for something?

Search



Innovations

- Tailored Solutions
- Data Science
- Seeds & Traits
- Crop Protection
- Agriculture Biologicals

People & Planet

- Global Impact
- Biodiversity
- Natural Resource Conservation
- Climate Change
- Food Journey

Who We Are

- About Crop Science
- Products
- Education & Outreach
- Events
- Contact Us

News & Stories

Glossary

Follow Us



[Conditions of use](#) / [Privacy statement](#) / [Imprint](#) / [Sitemap](#)



Copyright © Bayer AG

Usage of Cookies

We would like to use optional cookies to better understand your use of this website, to improve our website and to share information with our advertising partners. Detailed information about the use of strictly necessary cookies, which are essential to browse this website, and optional cookies, which you can reject or accept below, and how you can manage or withdraw your consent at any time can be found in our **Privacy Statement**.

COOKIE SETTINGS

>

REJECT COOKIES

>

ACCEPT COOKIES

>