

Introduction to Crop Science

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Agenda

- Challenges facing agriculture
- // Crop Science: Shaping agriculture to benefit farmers, consumers/and our planet
- // Value: Innovation, Sustainability, Digital Transformation, Responsibility
- // My Journey



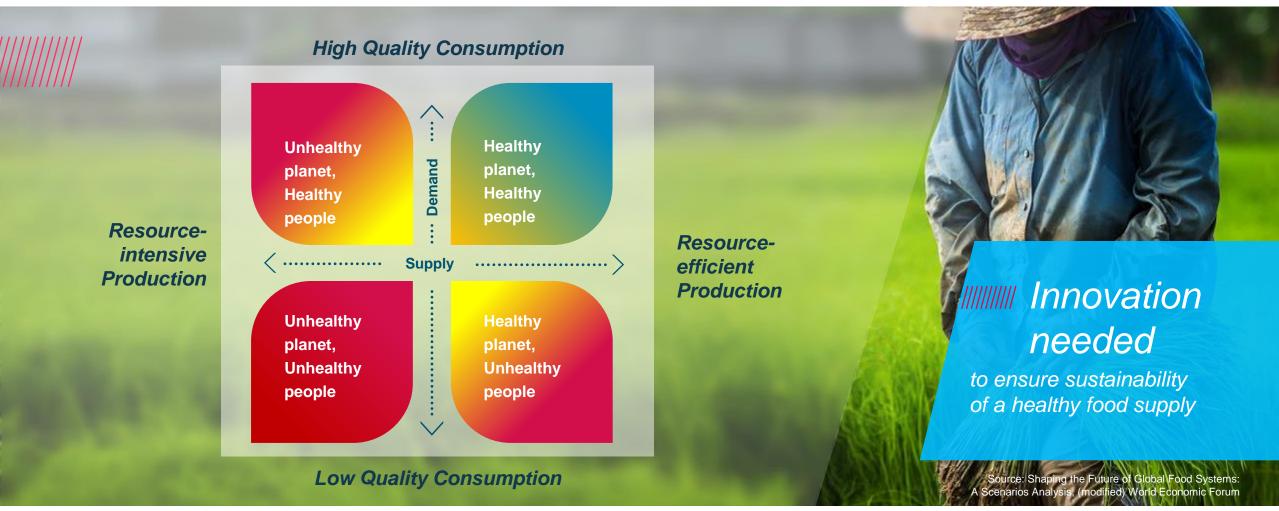
The world needs more innovation in agriculture



/// Introduction to Crop Science ///



The current food system is not on a sustainable trajectory





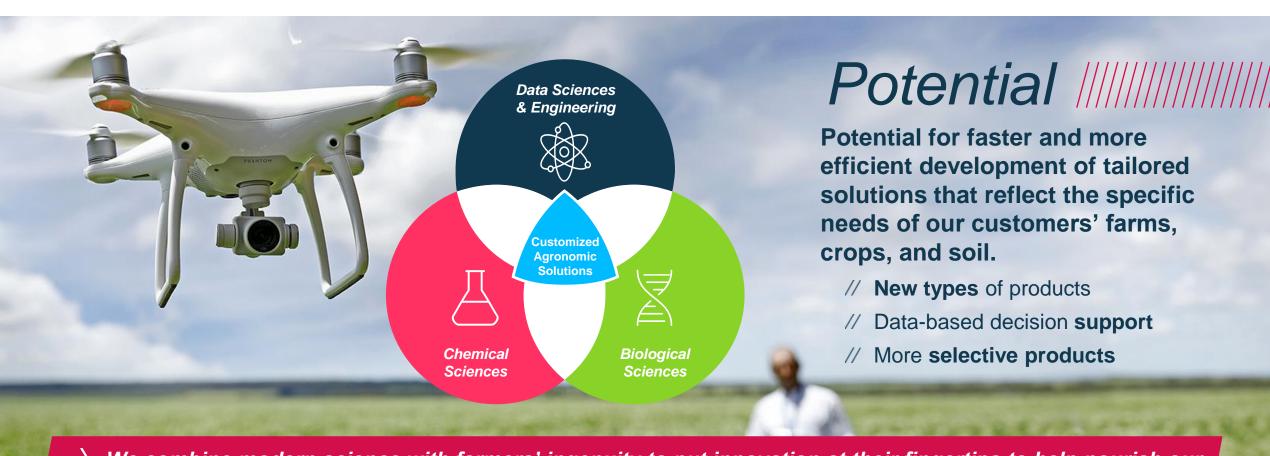
Our purpose







Our expertise across disciplines uniquely positions us to deliver more breakthrough innovation, faster



We combine modern science with farmers' ingenuity to put innovation at their fingertips to help nourish our growing world and preserve natural resources





At Crop Science, we invest more in research and development than any other company in the industry.



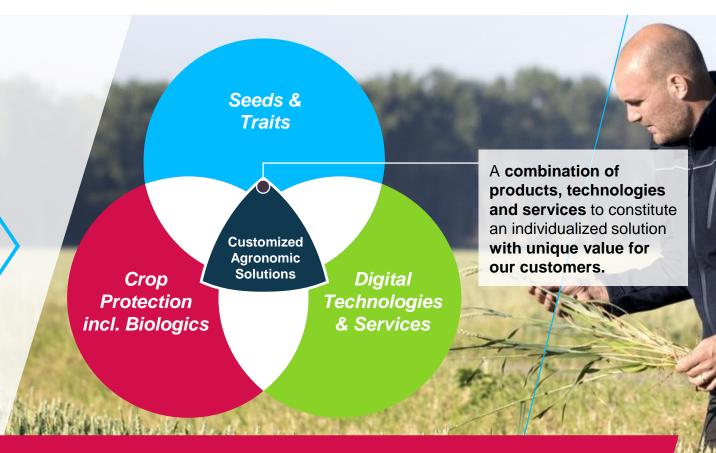




Customized Agronomic Solutions to address farmers' individual needs and challenges

Www We know growers...

- // ...make approximately 40 big decisions every season
- // ...want to grow the **best seed varieties**, and minimize **pests**, **diseases** & **weeds**
- // ...want to balance **societal, economic** & **environmental** needs



Continuous innovation to drive environmentally sustainable, profitable, high-quality crops





Our combined portfolio of innovation-driven products and services benefits farmers, consumers, and the planet

For a complete listing of the Crop Science product brands and partners, visit. Cropscience.bayer.com.







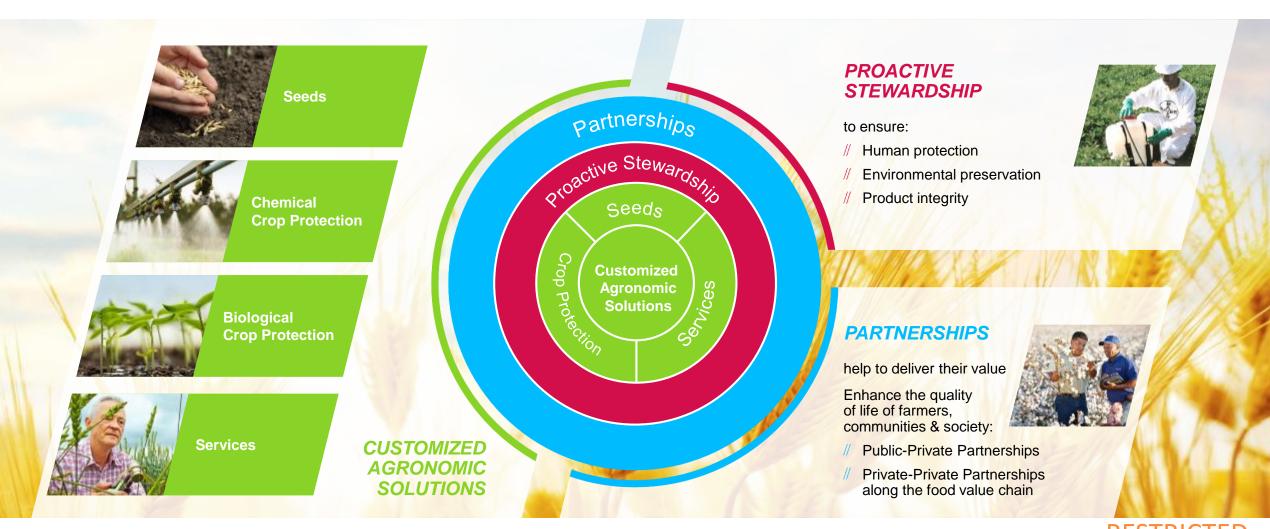
We meet the individual needs of farmers around the world





Sustainability in agriculture

Our contribution to food security





Sustainability in agriculture

Our initiatives



BAYER FORWARD FARMING

- Knowledge platform to demonstrate innovative sustainable agriculture on-farm
- Partnering with selected farmers & experts



2 BEE CARE PROGRAM

- // Promotion of bee health
- Support researchproduct development
- # Engagement with stakeholders



3 DIGITAL FARMING

- Enabling collection, storage and visualization of data from devices such as drones, satellite imagery through a smartphone or tablet in the field
- Providing more efficient use of water, land, energy to help preserve natural resources and biodiversity



4 FOOD CHAIN PARTNERSHIP

- Collaboration with all food chain partners
- Promoting good agricultural practice



5 INTEGRATED WEED MGMT.

Offering customized integrated solutions for weed control & promoting best practices



6 PUBLIC PRIVATE PARTNERSHIP

Partnering and sharing knowhow; bringing together experience, investment and technologies; enable access to markets



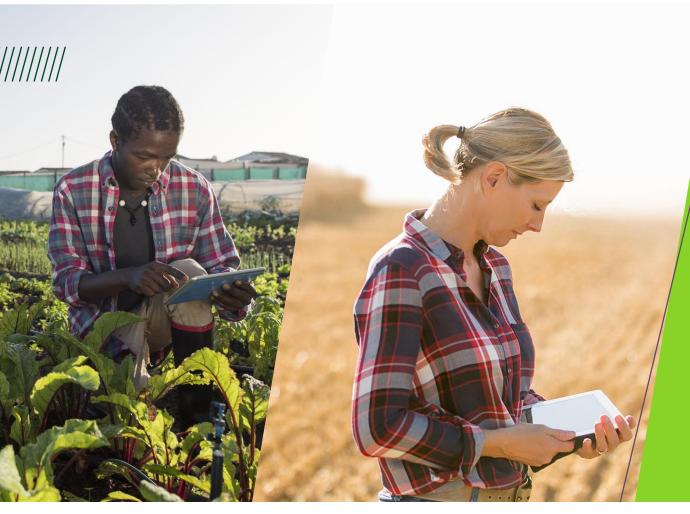
7 SMALLHOLDER FARMING

- Raise agricultural productivity for smallholder farmers
- / Increase farmers livelihood
- Promoting good agricultural practice





Digital transformation: Using the latest technologies and decision science to bring our operations and agriculture to the next level



- // More advanced solutions, digital tools, and data analytics accelerate our research and that of our partners and collaborators
- // Cutting- edge technologies to enable farmers to combine multiple data sets to use resources more efficiently and reach their farming potential
- # Enabling farmers to take advantage of the data at their fingertips to build successful farms and make agriculture more sustainable





Living up to our responsibility – to farmers, to consumers and to our planet



- We set *high ethical standards*. They represent how we measure *ourselves* and *our partners*
- // We serve farms of all sizes around the world and make our innovations as accessible as possible
- We encourage diversity in agricultural practices and prioritize inclusion and diversity in our company
- // We are committed to transparency and dialogue
- // Guided by data and insights, we are passionate about collaborating with others to help find better solutions to the challenges farmers and our environment face



Summary

Our Challenge

Producing healthy, safe and affordable food while protecting our natural resources

Our Contribution

Shaping agriculture to benefit farmers, consumers and our planet

Our Commitment

Innovation, Sustainability, Digital Transformation, Responsibility





Welcome to Bayer!

Career Opportunities

2023





Everything we do begins with our people

As an employer and partner of choice, we are committed to:

Attracting the best & brightest

We aim to find the best talent – who are passionate about innovation and are committed to shaping agriculture to benefit farmers, society and our planet.

Unleashing our full potential

We are eager to learn and look for opportunities to constantly grow – as people and professionals – to unleash our full potential.

Promoting inspirational leadership

We promote leaders who are passionate about developing people, who drive our vision, and who empower others to achieve remarkable results.

Fostering an inclusive, collaborative, and agile environment

We celebrate and leverage our collective strengths, our diverse perspectives, and our ability to bring solutions to agriculture, with agility and speed.



Student Opportunities

United States





Intern

Students typically participate in the Intern Program during their summer break. In this 10-12 week continuous learning experience, you'll have the ability to make an immediate impact through a variety of work assignments and projects. You'll also have access to training, networking, and professional guidance.

Co-op

The Co-op Program generally requires a semester-long commitment (January through June or June through December) to a full time position. You'll integrate your classroom learnings with practical work experience through individual and team based projects. Assignments closely relate to your field of study.



Student Roles

United States



Who we Hire

- # All levels of degree (BS, MS and PhD)
- Sophomore and above with GPA of 3.0 or better
- // High interpersonal and communication skills
- // Self-motivated individuals with strong detail and results orientation
- // Ability and willingness to relocate

Benefits

- // Gain in-depth experience working with a global industry leader
- // Training and development
- // Relocation allowance
- Bi-weekly salary
- Networking opportunities



My Journey





My Journey: Early Upbringing







BANGALORE, INDIA



B A BAYER E R

My Journey: Education





MASTER'S IN BIOTECHNOLOGY



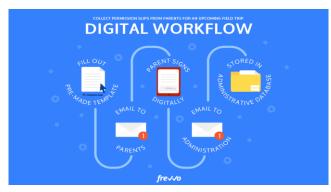




My Journey: Work @ Bayer



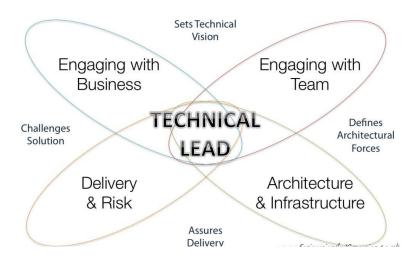














My Journey: Cutting Edge Innovation with Science & Tech







LOGISTICS & OPERATIONS



LAB GENOTYPING



AUTOMATED GREENHOUSE

FIELD PHENOTYPING

RESTRICTED



Questions? Thank you

