



Cautionary statements regarding forward-looking information

This presentation may contain forward-looking statements based on current assumptions and forecasts made by Bayer management.

Various known and unknown risks, uncertainties and other factors could lead to material differences between the actual future results, financial situation, development or performance of the company and the estimates given here. These factors include those discussed in Bayer's public reports which are available on the Bayer website at

http://www.bayer.com/

The company assumes no liability whatsoever to update these forward-looking statements or to conform them to future events or developments.



The 2030 Challenge: Producing More with Less in a Changing Climate

Food Security

+ 2.2 billion people

+ 50% food and feed required



Climate Change

harvest loss due to climate change

-20%
loss in arable land



Our Vision Aspires to Address Global Challenges at Scale







Sustainability Commitments¹

30%

Reduction in GHG emissions per kg of crops produced 30%

Reduction in crop protection impact on the environment

25%

Improvement of water use per kg of rice produced

100m

Empower 100m smallholder farmers



Ag Input Market Growing Over Two Percent to Meet Demand

Potential to Double our Accessible Market Through Investments in Innovation in Adjacent Spaces



¹ Company estimates



The Established Leader in Crop Science

Expect 2024 to be our 4th Consecutive Year of Growth in Core Business









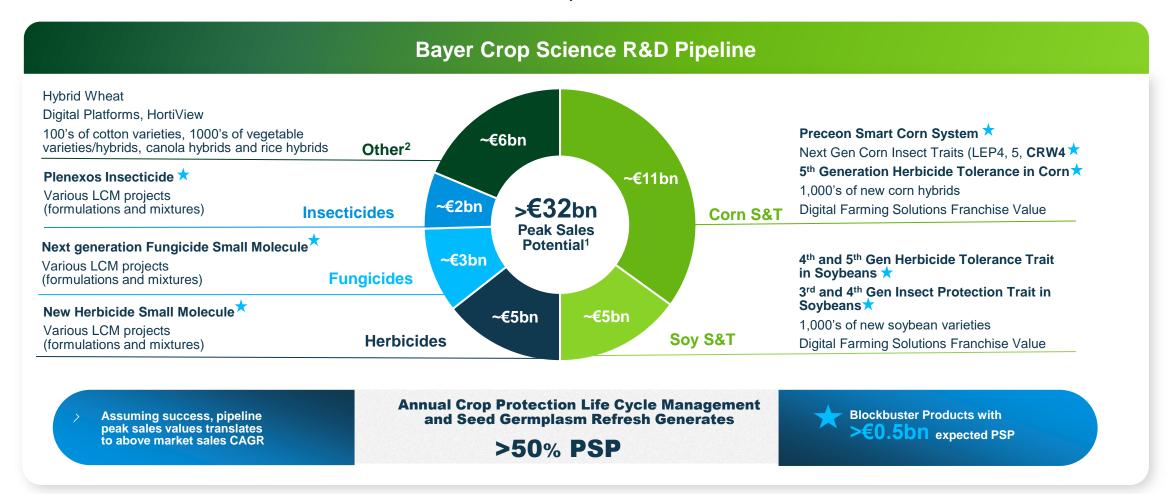
¹ Company information; exchange rate: FY 2023: ~1.08 USD/EUR.; ² Syngenta AG as of FY'22, ~1.05 USD/EUR;

Core = Crop Science business excl. glyphosate-based herbicides



Extending Our Leadership Position Through Our Pipeline

>€32bn Peak Sales Potential; Ten Blockbusters Expected to Launch in Next Decade



¹ Represents non-risk adjusted estimated peak sales for the combined breeding, biotech, crop protection and environmental science pipelines, as well as new business models and new value areas. On average, ~50% of the PSP is incremental and 50% is replacement value. Note that products are excluded from the pipeline PSP typically the year following launch. Projects listed are only a subset of the pipeline. Direct-seeded rice, carbon farming, corn biotech traits in Asia and Africa and ~1.5bn EUR sales ambition in biologicals are upside potential to the €32bn PSP.

² Other" category includes seeds and traits, such as cotton, canola, wheat, OSR, rice, vegetable seeds and sugarbeets, plus digital platforms and SeedGrowth



Annual Portfolio Refresh Provides Foundation for Growth

Pricing and Sales Mix Opportunity Across Our Leading Global Footprint Enhanced by Digital Assets

ANNUAL SEED
GERMPLASM REFRESH

~400-500

new seed hybrids & varieties deployed annually

>400
hybrids and varieties
launched in 2023

6

row crops and

>20

fruit and vegetable crops in our breeding programs



CROP PROTECTION LIFE-CYCLE MANAGEMENT

~90-100

new **formulations** to launch in the next decade

>190
crop protection
registrations in 2023

formulation launches in 2023

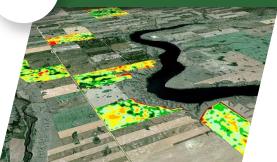
/// Bayer Crop Science /// Barclays Digital & Disruptive Technologies Conference /// June 11, 2024



Accelerating Genetic Gain with Precision Breeding

ACCELERATING OUR ABILITY to bring innovative solutions to our customers around the world

Data & analytics driving decisions & Al connected pipeline - enabling a dynamic breeding pipeline



Fieldview Field Health Imagery Data Collection



Seed Chipping Technology for Accelerated Discovery



Marana, AZ Protected Culture Design Center



Cassette Planter delivers large scale field testing

Customer Insights

Customer Driven quantitative economic indices

Doubling Genetic Gain by 2030

Advanced Genomic Capabilities

Genomic Insights & Al driving new breeding starts

Accelerating
Breeding
Cycle from
5-6 years to
~4 months

Accelerated Breeding Methods

Genomic Insights & AI driving new breeding starts

Digital Field-Testing Twin

Mix of simulated and actual field testing



Preceon Smart Corn System to Transform Corn Production

High-Value Biotech Approach Advanced to Phase IV; Breeding Targeted U.S. Launch in 2024







365

growers (>30k acres)
in Europe & US in Groundbreaker
trials in 2023



>80%

growers in trials would <u>plant</u> Preceon Smart Corn <u>again</u>



>€1.5bn

Global PSP Opportunity¹

>220m

Global Acre Potential¹

Phase IV

Advancement of Biotech Trait in collaboration with BASF



Next Gen Soybean Traits Driving >€3bn Peak Sales Potential

Key Anchoring Technologies in Next Gen Soybean Solutions Advanced in 2023



HT4 Advanced to

Phase 4

IP3

Advanced to

Phase 3

4th Gen

Soybean Herbicide Tolerance

- Provides industry leading weed control and flexibility with 2 additional herbicide tolerances: HPPD (Mesotrione) + 2,4-D
- Broadest class of high-performing varieties across all maturities
- Potential to regain significant U.S. market share

3rd Soybean Insect Protection

- Includes two new proteins for enhanced and durable protection from broad spectrum of lepidopteran pests
- Builds on leading insect protection platform and >80% Brazil market share

>€3bn PSP

Including Next Generation: HT5 and IP4 to be introduced early next decade



New Production Systems for the World's Largest Crops

Potential to Shape Transformation of Wheat and Rice Production by End of the Decade

Resilient Hybrid Wheat System

- Hybrid wheat expected to provide higher yield and vield stability, with potential fit on a significant portion of the ~555m acres of wheat grown globally and ~€700m PSP
- Envision a more sustainable and resilient system with better nitrogen use efficiency, disease, drought and heat tolerance
- Advancements in **genomic tools** and the **cytoplasmic male sterility** system are enabling the development of hybrid wheat at competitive cost
- 'Blue ocean' market potential to drive value of market for Wheat seed and technologies, which has already happened in crops like corn



A digitally enabled sustainable hybrid wheat system offering



Hybrid Wheat Nursery Filer, Idaho | June 2022

Sustainable & Profitable Direct Seeded Rice Crop System

- Elite Designed Hybrid Rice
- Integrated & Effective Weed Mgmt System //
- Digital Insights & Agronomic Support
- Farmer economics show 16% lower costs with direct seeded rice¹
- Reduced water usage by up to 40%²
- Manual labor reduced by up to 50% or 150 labor hs per 1 Ha DSR³
- Up to 45% reduction in CO2 emissions⁴
- Methane reduction up to 85%⁵

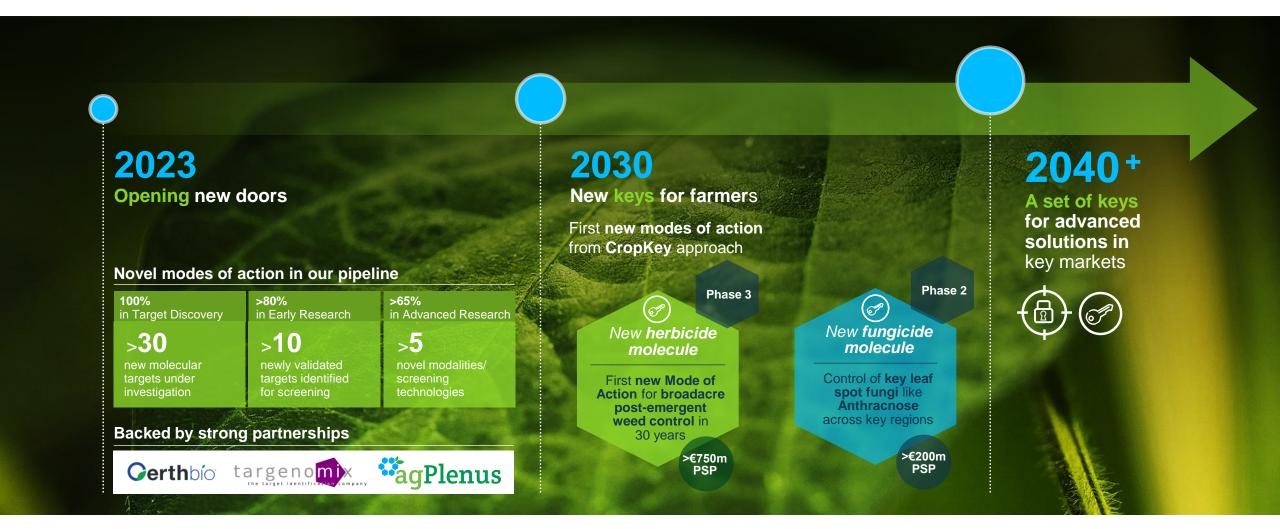
HYBRID RICE TRIALS





CropKey Approach to Open Uncharted MoA & Chemical Spaces

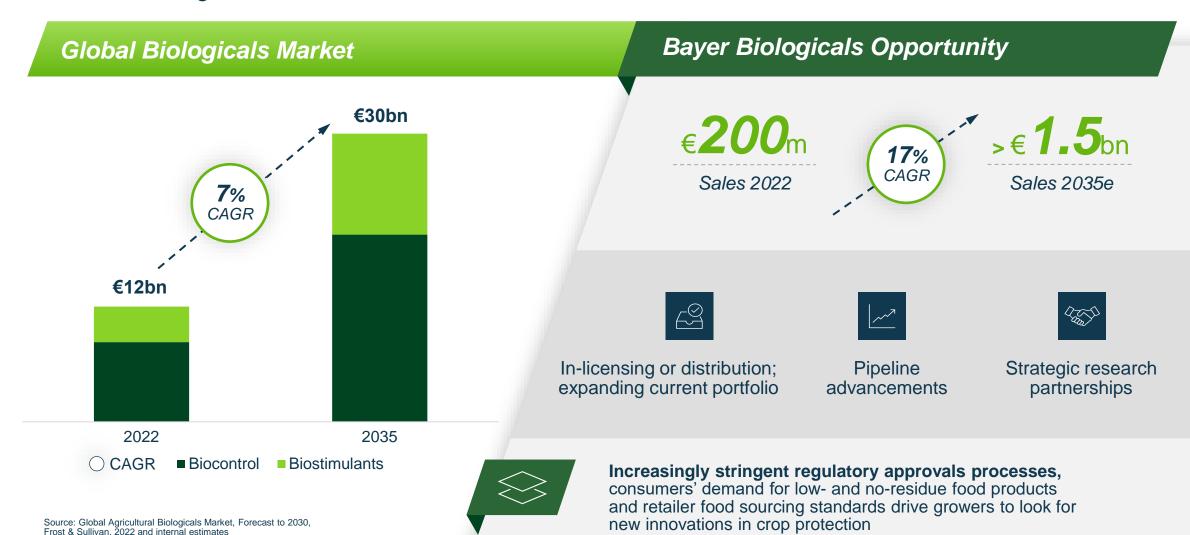
Pioneering Today to **Unlock** the Crop Protection Solutions of Tomorrow





Biologicals Market Expected to More than Double to €30bn by 2035

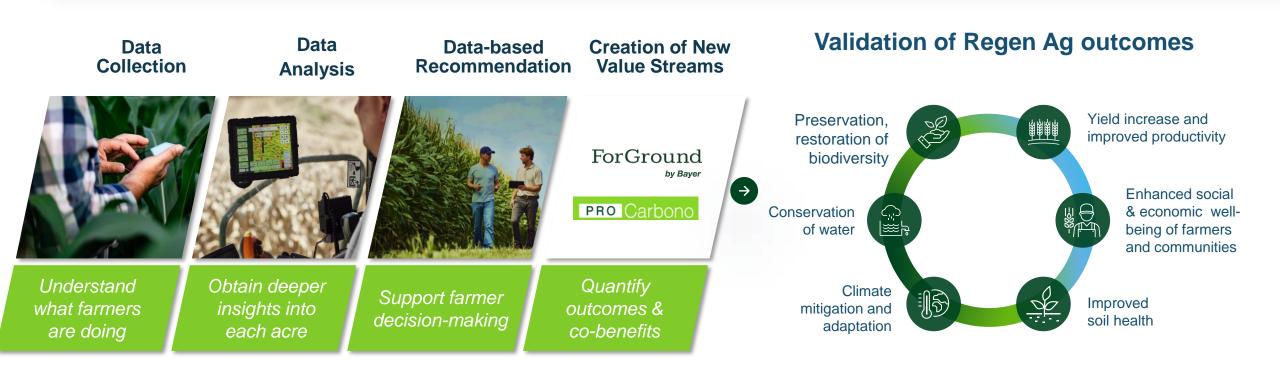
We aim to Outgrow the Market with a 17% CAGR





Data and Digital are Anchors for the Pathway to Regenerative Ag

FIEDVIEW impacting +250M acres in 23 countries through our digital farming solutions and carbon programs



Powered by an open ecosystem driving continuous innovation towards more sustainable food systems



Broadening our Reach To Shape Regenerative Ag on >400m Acres

- // Today our seed & trait technologies reach ~340m acres globally, anchoring our vision for regenerative system solutions
- By the middle of the next decade, we envision broadening our reach to >400m acres
- // Hybrid wheat, direct seeded rice, corn traits in Africa & Asia and carbon farming enable potential in new crops and markets
- // Preceon Smart Corn System and next-gen herbicide tolerance in soybeans build out our base





Appendix



Crop Science: Seed & Traits and Digital R&D Pipeline

~€21bn PSP

(Annual Update March 2024)

Phase I		Phase II		Phase III		Phase IV		PSP	
Corn Disease Shield - NA	*	Corn LEP5 2nd Generation Seed Density	ğ	Corn HT5	ĕ	PRECEON Smart Corn - Breeding PRECEON Smart Corn - Biotech Trait ²	<u>≭</u>		
		Digital Tool - NA Digital Disease Mgmt. – NA Seed Placement Digital Tool - NA		2 nd Gen Seed Density Digital Tool – EMEA 2nd Gen Seed Density Digital Tool – LATAM		Corn LEP4 CRW4	200 200	~€11bn	
Annual Germplasm Upgrades	¥	Annual Germplasm Upgrades	Ž	Annual Germplasm Upgrades	<u></u>	Annual Germplasm Upgrades	义		
		Soy IP4	ĕ	2nd Generation Soy Cyst Nematode resistance Soy HT5 (6 Tolerances – Adds PPO)	<u>¥</u>	Soy IP3 Soy HT4 (5 Tolerances –Adds 2, 4-D and HPPD)	8	Ē	
	м	Digital Disease Mgmt NA Seed Placement Digital Tool – LATAM		Seed Placement Digital Tool – NA		Vistive Gold Xtend	젖	~€5bn	
Annual Germplasm Upgrades Soybean Native Resistance	<u>*</u>	Annual Germplasm Upgrades Soybean Native Resistance	<u></u>	Annual Germplasm Upgrades Soybean Native Resistance	<u>*</u>	Annual Germplasm Upgrades Soybean Native Resistance			
		Wheat Digital Disease Mgmt EMEA Canola HT4	□ ĕ	Sugarbeets 2nd Generation Herbicide Tolerance ¹ Cotton HT4	300 300		ğ		
Canola/OSR Digital Disease Mgmt NA				(5 tolerances – Adds 2, HPPD and PPO) Cotton IP4	ğ			٦3	
Wheat Annual Germplasm Upgrades Wheat Disease Package Upgrades	<u>*</u>	Wheat Annual Germplasm Upgrades Wheat Disease Package Upgrades	<u> </u>	Wheat Annual Germplasm Upgrades Wheat Disease Package Upgrades	<u> </u>	Wheat Annual Germplasm Upgrades Wheat Disease Package Upgrades	芝	~€5bn³	
Cotton Annual Germplasm Upgrades Canola/OSR Annual Germplasm Upgrades	<u>*</u>	Cotton Annual Germplasm Upgrades Canola/OSR Annual Germplasm Upgrades	<u>¥</u>	Cotton Annual Germplasm Upgrades Canola/OSR Annual Germplasm Upgrades	<u>×</u>	Cotton Annual Germplasm Upgrades Canola/OSR Annual Germplasm Upgrades	<u>z</u>		■ a
Veg- Annual Germplasm Upgrades Rice Annual Germplasm Upgrades	<u>*</u>	Veg- Annual Germplasm Upgrades Rice Annual Germplasm Upgrades	<u>\$</u>	Veg- Annual Germplasm Upgrades Rice Annual Germplasm Upgrades	<u>义</u> 义	Veg- Annual Germplasm Upgrades Rice Annual Germplasm Upgrades	<u> </u>		HT CF LE IP

Projects listed here and included in the peak sales potential by segment do not include projects funded by our Leaps by Bayer investments; includes all advancements made in FY'23, updated Mar'24

PSP = Peak Sales Potential, 50% incremental; Expected to reach 30% of PSP by 2032, 80% of PSP by 2038 and remainder in 2039+; **Note that products are excluded from the pipeline PSP typically the year following launch**1 In collaboration with KWS; 2 In collaboration with BASF; 3 "Other" category includes seeds and traits, such as cotton, canola, wheat, OSR, rice, vegetable seeds and sugarbeets, plus carbon and digital Models.



Crop Science: Crop Protection R&D Pipeline

(Annual Update March 2024)



	Phase I Phase II		Phase III	Phase IV	Life Cycle Management ¹					
HERBICIDES	New Al Development New Herbicide ✓ ✓ ✓	New Herbicide ✓ ♣	New Herbicide √ √ √ New Herbicide √ New Herbicide³ √ New Herbicide³ ✓ ✓ ✓ ✓ ✓ ✓ ✓		Non-Selective Glyphosate LCM Selective Merlin Flexx / Adengo LCM Balance Flexx LCM Convintro New over-the-top herbicide V Convintro New over-the-top herbicide New over-the-top herbicide V Convintro Mesosulfuron LCM V New over-the-top herbicide V	~€5bn				
T. FUNGIC.		New Fungicide ✓ ♣ ♦ ♦ ♦ ♦ ♦ ♦ ♦ ♦ ♦ ♦ ♦ ♦ ♦ ♦ ♦ ♦ ♦ ♦	New Fungicide³ ✓✓✓ ೄ♣		Nativo Plus ✓ ✓ Delaro Forte ✓ Vayego Duo	~€3bn				
SEED GROWTH 2 INSECT.	New Insecticide ✓ ✓ ♣	New Insecticide √ by, New Insecticide √ by,	New Seed Treatment ✓ 🦠	Plenexos ✓ ✓ ✓ ♣	INS FUN ready mixture Ladoran ✓	~€2bn				
SEE	✓ Corn	✓ Soybeans ✓ Fruits and ve	egetables 🗸 Cereals, oilseed rape, sugart	peets, cotton and rice	Next gen. Potato Fungicide ✓	ı				

¹ Shown here is a subset of Bayer's total life cycle management activities; focused on new formulation developments which have the potential to bring significant innovation to customers compared to currently marketed product; Products shown may not yet be fully registered in all jurisdictions; includes all advancements made in FY'23, updated Mar'24; ² SeedGrowth is currently reported within other SBEs; ³ 3rd party collaboration

advanced to next phase
Selection of projects listed here and included in the peak sales potential by segment do not include projects in early research or discovery

PSP = Peak Sales Potential, 50% incremental; Expected to reach 30% of PSP by 2032, 80% of PSP by 2038 and remainder in 2039+; Note that products are excluded from the pipeline PSP typically the year following launch.

